



PRODUCTS | EXPERTISE | CONNECTIVITY

COMPLETE TECHNOLOGY SOLUTIONS

WHY NACE?

MORE THAN A DISTRIBUTOR

Complete networking, IPTV & connectivity solutions.

MIKROTIK MASTER DISTRIBUTOR

Industry-leading products with expert support.

NETWORK & IPTV SOLUTION EXPERTS

Hospitality, sports, digital signage & commercial applications.

DESIGN, SPECIFICATION & DEPLOYMENT ASSISTANCE

Helping customers build the right solution.

PARTNERING WITH YOU FROM PROJECT START AND BEYOND

Supporting planning, deployment & growth.

FAST NATIONWIDE FULFILLMENT

4 Distribution Centers: PA • FL • NV • MO

800.688.9282

nace.tv | sales@nace.tv



Catalog T129



HEADEND
SOLUTIONS



NETWORKING
SOLUTIONS



SATELLITE
DISTRIBUTION



VIDEO
SURVEILLANCE



TOOLS & TEST
EQUIPMENT



FIBER
OPTICS



IPTV
SYSTEMS



MANAGED
SERVICES



DIGITAL
SIGNAGE

HOTELS • CASINOS • RESTAURANTS • HOSPITALS • UNIVERSITIES • K-12 SCHOOLS • AIRPORTS • STADIUMS • CONVENTION CENTERS • MULTI-DWELLING COMMUNITIES

New Products. New Solutions. New Opportunities.

Discover the newest products and technologies from the industry's leading manufacturers.



SecurityTronix
Test Meter & OTDR
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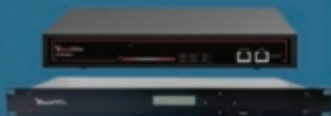
SecurityTronix NDAA
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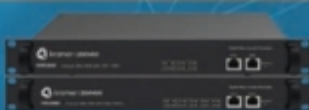
SecurityTronix Dual Lens
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CableTronix Digital
TV Set-Top Boxes
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Kramer | Zeevee
HDBI 2840i and HDBI 2880i
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DataTronix
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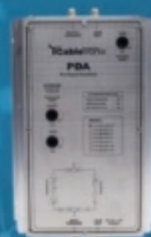
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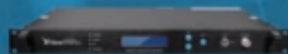
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CableTronix
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FiberTronix 1550nm CATV
Optical Transmitters
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Line Card

Alcatel-Lucent
Enterprise



BELDEN
SENDING ALL THE RIGHT SIGNALS

BLONDER TONGUE
CABLE TELEVISION

DIRECTV

dura-line

ELTEK
A brand of Delta

FITEL
FUSION SPLICERS

GAMEVIEW
ANY YOUR GEAR ON

global FOXCOM
completing the picture

GM
GLASSMASTERS

JONARD TOOLS

kramer | zeevee

LigoWave

LYNN

MMA
Middle Atlantic Products

MIKROTIK

OMNICABLE
EMPOWERING DISTRIBUTION

PLP

PPC
A BELLWORTH BRAND

RIPLEY

SUPERIOR ESSEX

Televes

TRIPP-LITE
by EATON

UNITRON
GROUP

vantiva
Pushing the edge

WILSON
ELECTRONICS

VIAVI

WINEGARD

TronixBrands

SecurityTronix

DataTronix

CableTronix

FiberTronix

NACEConnect
Business Services



Business
Internet



Business
TV



Cellular
Uptime



Cloudview



SignEase

- Cat5e & Cat6 Gear
- CATV Distribution
- CCTV Equipment
- Character Generators
- Cloud Video Storage Service
- Coaxial Cable
- Cell Phone Signal Boosters
- Connectors & Adapters
- Digital Signage
- Emergency Alert Systems
- Ethernet Over Coax
- Ethernet Over Fiber
- Ethernet Switches
- Fiber Optic Equipment
- HDBaseT™ Distribution
- HDTV Distribution
- Headend Equipment
- Home Theater Accessories
- IP Distribution
- IP Cameras & Software
- IP Surveillance
- Modulators
- Molding & Conduit
- Networking Solutions
- Network Video Recorders
- Off Air Antennas
- Racks & Cabinets
- Satellite Dishes
- Satellite Receivers
- Satellite Distribution Equipment
- Speakers & Audio Gear
- Surge Protectors
- Television Mounts
- Test Equipment
- Tools
- UPS Battery Backups
- Video Baluns
- Wire & Cable
- Wireless Internet

You create the Infrastructure for your Customer's Mission-Critical Services

What if you could get paid every month for those services?

You can, with **NACEConnect!**

Installing network and low-voltage infrastructure can be a highly profitable business, but each project is often a one-time source of revenue. What if every installation could continue generating income month after month, year after year? Creating recurring monthly revenue gives your business greater stability, improves cash flow, and helps offset seasonal slowdowns while building long-term value.

Every business network you install requires internet connectivity, and your customer is going to purchase that service from someone. You're already in the door, you've earned their trust, and you're helping build their infrastructure. Why leave money on the table? Instead of handing that recurring revenue opportunity to another provider, you can offer the solution yourself and continue supporting your customer long after the installation is complete—earning recurring monthly revenue for as long as they remain a customer.

Pick up the money with **NACEConnect!**



NACEConnect makes it easy to offer enterprise-grade internet services from leading national carriers to businesses almost anywhere in the United States. The process is simple—from quoting to activation—and every customer you sign up generates monthly recurring revenue for as long as they keep their internet service. It's an easy way to expand your offerings, strengthen customer relationships, and build a predictable, long-term revenue stream.

Nationwide Footprint with AT&T Reliability

Most **NACEConnect** services utilize the world-class reliability of the AT&T IP Backbone, with transport agreements on qualified local carriers allowing you to offer service to most US locations. Service Level Agreements (SLAs) ensure guaranteed performance and reliability to your customers.

If you're ready to start offering this essential service to your customers,

Let's Connect

800-688-9282

Press #9 for NACEConnect

naceconnect@nace.tv



NACEConnect
Business Internet & Voice



NACE: Your Trusted Partner for Tailored Technology Solutions

Since 1992, NACE has been a leading manufacturer and distributor of advanced technology solutions serving the video surveillance, multimedia, TV headend, broadband, and satellite communications industries. With six strategic locations across North America, we provide reliable access to the products, expertise, and support our customers need to succeed.

Our extensive inventory and engineering resources are designed to support professional integrators, service providers, and technology contractors with fast access to the industry's most trusted solutions. From video surveillance systems and satellite distribution equipment to fiber optics, networking products, commercial audio/video, equipment racks, test equipment, cabling, and connectivity solutions, NACE delivers the products and services that keep projects moving forward.

As a Master Distributor for MikroTik, NACE has expanded its networking hardware portfolio to include industry-leading routing, switching, wireless, and ISP infrastructure solutions. This strategic partnership allows us to provide customers with enterprise-class networking products backed by the technical expertise and support needed to deploy reliable, high-performance networks.

Beyond product distribution, NACE offers value-added services through NACEConnect, creating recurring revenue opportunities with solutions including business internet, managed voice services, cloud video storage, digital signage, cellular backup, and other connected technologies.

What sets NACE apart is our commitment to customer success. Our experienced sales professionals, engineers, technicians, and support specialists bring decades of industry knowledge and are dedicated to providing responsive service, technical expertise, and customized solutions for every project.

At NACE, we believe technology distribution should be more than simply supplying products—it should be about building partnerships, delivering expertise, and helping customers grow.

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More Than Cameras. A Partner That Helps You Win More Projects.

Win More Jobs. Install With Confidence. Grow Your Business.

SecurityTronix gives professional security integrators more than quality surveillance products. We provide the engineering expertise, technical support, inventory, and project assistance you need to complete installations faster, reduce callbacks, and increase profitability.



We Help You Design Winning Systems

Our experienced engineers help develop accurate bills of materials, recommend the right products, and simplify complex projects—so you can quote faster, order confidently, and install successfully.



Build your reputation

Deliver reliable surveillance systems backed by dependable products and knowledgeable support. Better installations lead to happier customers, stronger referrals, and more repeat business.



Sell Larger Commercial Projects

Gain access to experienced sales engineers, application expertise, and project resources that help you confidently pursue larger commercial opportunities.



Free Project Design & Site Survey Assistance

Send us your project requirements, drawings, or site information, and our engineering team will help create a professionally designed system and complete bill of materials—at NO CHARGE.



Real US-Based Technical Support—Whenever You Need It

Speak directly with experienced technicians before, during, or after installation. No scripts. No outsourced call centers. Just knowledgeable professionals ready to help when you need them.



Generate Recurring Monthly Revenue with ST Live

Expand your business beyond hardware sales by offering secure cloud video storage, remote access, and video management services that create ongoing recurring monthly revenue opportunities.



Fast Shipping When Deadlines Matter

With strategically located distribution centers, most orders ship quickly so you receive the products you need to keep projects moving and customers satisfied.

- West Chester, PA
- Longwood, FL
- St. Peters, MO
- Las Vegas, NV

The SecurityTronix Project Success Guarantee

We stand behind every system we help design. If our recommended bill of materials is missing a core system component that prevents installation, we'll overnight the missing item at our expense—because your success is our success.

How It Works

1. Submit Your Project

Send us your drawings, plans, or project requirements.

2. Receive a Professionally Engineered Bill of Materials

Our engineers review your project and recommend the right solution.

3. Order With Confidence

Receive the products you need, backed by expert support throughout your installation.



SecurityTronix Sales

800.460.1801

sales@securitytronix.com

securitytronix.com

SecurityTronix Technical Support

610.429.0334 (9-8 ET)

702.308.4220 (24/7)

support@securitytronix.com

Chat: www.securitytronix.com

Corporate Headquarters

1085 Andrew Drive Suite A

West Chester, PA 19380

For more than 16 years, SecurityTronix has helped professional security integrators deliver dependable surveillance solutions through quality products, engineering support, fast shipping, and knowledgeable technical assistance. We're more than a supplier—we're a partner committed to helping you win more business and complete every project with confidence.

• 4 Locations • West Chester, PA • Longwood, FL • St. Peters, MO • Las Vegas, NV • 1 to 2 Days Shipping to most areas •

Meet the Ultimate Diagnostic & Installation Solution for Video and Fiber Networks



ST-ALLIN1-TEST3-OTDR

The **TestTronix Pro** is a versatile 8" touch-screen test monitor and device engineered for installation and maintenance of IP, analog, HD coaxial TVI/CVI/AHD/SDI, and EX-SDI cameras. With cutting-edge features including OTDR fiber testing, 4K HDMI input, ONVIF support, multi-function networking tools, and robust power outputs, this tester is an essential tool for any video surveillance technician or installer.

How TestTronix Pro Helps Installers in the Field

By combining testing, configuration, power, and troubleshooting tools into a single handheld device, the TestTronix Pro empowers installers to work faster, smarter, and resolve issues on-site—minimizing downtime and costly troubleshooting delays.

Ideal For

- Video Surveillance Installers
- Fiber Technicians
- Network Engineers
- Field Technicians needing a multi-tool device

ST-ALLIN1-TEST3-OTDR

\$2499.00

Replacement Battery
ST-ALLIN1-TEST3-OTDR-BATT
\$44.78

What's Included

- TestTronix Pro Tester
- Power Adapter (15V DC, 1.6A)
- Network & BNC Cables
- RS485 Cable & Output Power Cable
- Audio Cable & TDR Clamp
- 8GB TF Card, Tool Bag, Safety Cord
- SC, ST, and LC adapters for OTDR & Multimeter Leads
- User Manual

Key Features

8" HD Touch Screen — View camera feeds clearly, even outdoors, and use dual-window testing to compare video sources side-by-side without extra monitors.

Camera Compatibility — Supports IP, analog, HD coax, and EX-SDI cameras, eliminating the need for multiple testers. Direct ONVIF and PTZ control saves setup time.

Powerful Fiber Testing Suite — Integrated OTDR, optical power meter, and fault locator streamline fiber installations and troubleshooting—no separate fiber tools required.

Versatile Network Tools — Perform IP discovery, ping tests, DHCP verification, port flashing, bandwidth checks, and more to solve network issues at the install site.

Video & Audio Testing — Verify HDMI, SDI, and analog video; test audio channels; and preview RTSP streams before system handoff.

Automatic Lens Calculation Tool — Quickly calculate optimal lens focal length and field of view, ensuring camera placement meets project requirements on the first try.

Multi-Power Output — Power PoE++ (90W), 12V, 24V cameras, or USB devices directly from the tester—no need for external injectors or adapters.

Cable Testing Tools — Identify cable faults, shorts, and distances to breaks; trace cables easily, and avoid installing faulty wiring.

Built-In Multimeter — Test voltage, current, continuity, and more without carrying a separate meter—ideal for troubleshooting at the camera or junction box.

Convenient Utilities — Work smarter with a built-in flashlight, Wi-Fi analyzer, notepad, browser, screenshot, and file manager to document and complete installs efficiently.

SecurityTronix
Distributed by NACE

800.460.1801

- Same Day Shipping on Orders Received by 5PM
- Pre-Sales and Post-Sales Support
- 24/7/365 US-Based Technical Support Via Phone

SMART SIGNAL MONITOR

- ▶ Portable
- ▶ Easy to Use
- ▶ Reduces the need for multiple devices
- ▶ Saves Installation Time
- ▶ All Day Battery Life
- ▶ Made for the professional installer

CALL TODAY TO SEE IF YOU QUALIFY FOR A FREE MONITOR!



Touch Screen

Smart Signal Monitor

Models	ST-ALLINI-TEST2
Display Size	7"
Resolution	1280 x 800
Touchscreen	■
IP Camera Testing	■
Analog/CVBS	■
TV/CVI/AHD	■
SDI/ EX-SDI	■
Built-In PoE (802.3at/af)	■
12V DC Output	■
Digital Multi-Meter	■
HDMI Input/Output	■
USB 5V 2A Output	■
Cable Toner Wand	■
UTP Cable Tester	■
UTP TDR	■
WiFi Capabilities	■
SD Card	■
Optional International Power Adapters	■
WiFi Analyzer	■
Dual NIC	■
DC24V output	■
Video Bandwidth/Storage Calculator	■
Easy Link Monitor	■
Field of View Calculator	■
Rechargeable Battery	■
Battery Capacity	Capacity - 7500mAh
Price	\$890.40

Test Meter Accessories



Test Meter Screen Protectors

Models	A. ST-IP-TEST-SP2
Meters	ST-IP-TEST2 / ST-ALLINI-TEST2
Price	\$8.94

Test Meter Replacement Batteries

Models	B. ST-IP-TEST-BATTERY2	C. ST-IP-TEST-BATTERY2-V2
Meters	ST-IP-TEST2 / ST-ALLINI-TEST2 Meters produced BEFORE 1/2020	ST-IP-TEST2 / ST-ALLINI-TEST2 Meters produced AFTER 1/2020
Price	\$44.78	\$44.78

D. ST-HDOc-TEST-MINI2-BAT W-HSG

Models	D. ST-HDOc-TEST-MINI2-BAT W-HSG
Meters	ST-HDOc-TEST-MINI2
Price	\$44.78

Models	E. ST-ALLINI-TEST-BATT	F. ST-IP-TEST-BAT W-HSG
Meters	ST-ALLINI-TEST	ST-IP-TEST / ST-SDI-TEST / ST-HDOc-TEST-MINI2
Price	\$43.68	\$43.68

Test Meter Replacement Power Supply

Models	G. ST-IP-TEST-PS
Meters	ST-IP-TEST / ST-IP-TEST2 / ST-ALLINI-TEST2 / ST-HDOc-TEST-MINI2
Price	\$13.42

IP Buddy+ & HD Boss Test Meters Power Supply Adapters

Models	H. ST-IP-TEST-ADAP-AUST	I. ST-IP-TEST-ADAP-EURO	J. ST-IP-TEST-ADAP-UK
Adaptee	Australian	European	United Kingdom
Price	\$11.18	\$11.18	\$11.18

Every SecurityTronix test meter includes a complimentary 30-minute onboarding session with one of our technical specialists, plus access to 24/7 US-based technical support.

IP CAMERAS

FREE IP CAMERA ADDRESSING AND PRE-CONFIGURATION

- ▶ Configuring a system on-site can be frustrating, and tie up an installer for additional hours or days.
- ▶ We remove the hassle and save you time and money.

Free For A Limited Time - Call Today!



NDA IP Network Cameras - 4MP Fixed Lens

Models	ST-GIP4FD-2.8, ST-GIP4FD	ST-GIP4FTD-2.8	ST-GIP4FTD-2.8-AD	ST-GIP4FB-2.8
Megapixels	4MP	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520	2688 x 1520	2688 x 1520	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	2.8mm - Video: 128 Kbps - 6144 Kbps Audio: 64 Kbps 4 mm-Video: 328 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps
Image Sensor	1/3" progressive scan, CMOS	1/3" progressive scan, CMOS	1/2.7" progressive scan, CMOS	1/3" progressive scan, CMOS
Lens Options	2.8mm/4mm	2.8mm	2.8mm	2.8mm
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 68°, Rotate: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 80°, Rotate: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 80°, Rotate: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotate: 0 - 360°
Min. Illumination	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR	Color: 0.002 lux (F1.6, AGC ON) 0 Lux with light	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 98 ft (30m) IR range	Up to 98 ft (30m) IR range	Dual light: IR: Up to 98 ft (30m) range / Warm Light: Up to 98 ft (30m) range	Up to 164 ft (50m) IR range
WDR	120dB	120dB	120 dB	120dB
SMART Triggers	Line Crossing, Intrusion Detection, Motion Detection, Tampering Alarm	Line Crossing, Intrusion Detection, Motion Detection, Tampering Alarm, Audio Detection	Line Crossing, Intrusion, Enter/Leave Area Detection (Human/Vehicle Classification), People Counting, Crowd Density Monitoring, Sound & Light Alarm Linkage, Motion Detection, Ultra Motion Detection (JMD), Tampering Alarm, Audio Detection	Line Crossing, Intrusion Detection, Motion Detection, Tampering Alarm, Audio Detection
Audio Input/Output	2.8mm - Built in Mic / 4 mm - N/A	Built in Mic	Built in Mic & Speaker / 1 Input/1 Output	Built in Mic
Local Storage	2.8 mm-Micro SD, up to 512GB / 4 mm - Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 512GB	Micro SD, up to 512GB
Protection Level	IP67 / IK10	IP67	IP67	IP67
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK			
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: <95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: <95% RH (non-condensing)			
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included			
Power Consumption	2mm - MAX 4.1W / 4mm - Max 5.5W	Max 6.0W	Max 7.5W	Max 6.0W
Dimensions: in. (mm)	2.8 mm - 4.4" x 3.3" (111 x 83mm) 4 mm - 4.6" x 3.8" (109 x 81 mm)	4.6 x 3.8" (118 x 95 mm)	4.4" x 3.7" (111 x 95mm)	7.5 x 2.9" x 2.8" (190 x 73 x 71 mm)
Weight: lbs. (kg/g)	0.77 lbs (0.35kg)	0.77 lbs (0.35kg)	0.97lbs (0.44kg)	0.99 lbs (0.45kg)
Optional Brackets	Wall Mount: ST-GWM03-A / Pole Mount: ST-GPMA-C/ ST-GPMA-A (Requires ST-GWM03-A) Junction Box: ST-GJB03-B			Pole Mount: ST-GPMA-C (Requires ST-GJB05-A) Junction Box: ST-GJB05-A
PRICE	\$135.52	\$135.52	\$339.00	\$136.64



IP CAMERAS

24/7 COLOR - EVEN IN THE DARK

- ▶ Capture details in low light or total darkness.
- ▶ Object placement/removal
- ▶ Intrusion/Face detection



NDAA IP Network Cameras - 4MP Fixed Lens - 24/7 Color

Models	ST-GIP4FTD-CNV-2.8		ST-GIP4FB-CNV	ST-GIP4FTD-CNV-AI-2.8	ST-GIP4FB-CNV-AI-2.8	ST-GIP4PYB-CNV
Megapixels	4MP		4MP	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520			2688 x 1520		3840 x 1080
Video Compression	Ultra 265, H.265, H.264, MJPEG			Ultra 265, H.265, H.264, MJPEG		
Bit Rate	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps			Video: 128 Kbps - 6144Kbps / Audio: 64 Kbps		Video:128 Kbps - 16 Mbps Audio: 64 Kbps
Image Sensor	1/1.8" progressive scan, CMOS			1/1.8" progressive scan, CMOS		1/2.9" progressive scan, CMOS
Lens Options	2.8mm@F1.0		4.0mm@F1.0	2.8mm	2.8mm	4.0 mm x 2
Angle Adjustment	Pan: 0 -360°, Tilt: 0 -75°, Rotate: 0 -360°		Pan: 0 -360°, Tilt: 0 -90°, Rotate: 0 -360°	Pan: 0 -360°, Tilt: 0 -75°, Rotate: 0 -360°	Pan: 0 -360°, Tilt: 0 -90°, Rotate: 0 -360°	Pan: 0 -360°, Tilt: 0 -90°, Rotate: 0 -360°
Min. Illumination	Color: 0.0005Lux (F1.0, AGC ON)			Color: 0.0003 lux (F1.0, AGC ON)		Color: 0.0005Lux (F1.0, AGC ON)
Day & Night	Supplemental LED			Supplemental LED		Supplemental LED
IR Range	Up to 98ft (30m)			Up to 98ft (30m)	Up to 98ft (30m)	Up to 98ft (30m)
WDR	120dB			120dB	120dB	DWDR
SMART Triggers	False Alarm Filtering, Line Crossing, Intrusion, Region Entrance/Exit Detection, Face Capture, People Counting, Motion Detection, Tampering Alarm, Audio Detection			Line Crossing, Intrusion Detection, Motion Detection, Tampering Alarm, Audio Detection		Human Detection, Motion Detection, Tampering Alarm, Audio Detection
Audio Input/Output	Built-in Mic, 1 Input/1 Output		1 Input/1 Output	Built-in Mic		Built-in Mic x 2 / Built-in Speaker
Local Storage	Micro SD, up to 256GB			Micro SD, up to 256GB		Micro SD, up to 512GB
Protection Level	IP67 / IK10			IP67		IP67
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK					
Working Temp.	Working Environment -22 -140°F (-30 - 60°C), Humidity: <95% RH (non-condensing) Storage Environment -22 -140°F (-30 - 60°C),Humidity: <95% RH (non-condensing)					
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included					
Power Consumption	Max 9.0W			Max 2.8W		Max 6.5W
Dimensions: in. (mm)	5.1 x 4.3" (129 x 110 mm)		9.6 x 3.4 x 3.3" (245 x 86 x 85 mm)	4.6" x 4.2" (118 x 106mm)	8.1" x 2.9" x 2.9" (206 x 73 x 73mm)	10.7" x 5.1" x 3.0" (273 x 130 x 76mm)
Weight: lbs. (kg/g)	1.52 lbs (0.69 kg)		1.92 lbs (0.87 kg)	1.06 lbs (0.48kg)	1.06 lbs (0.48kg)	2.09 lbs (0.95kg)
Optional Brackets	Wall Mount: ST-GWM03-C Junction Box: ST-GJB03-E Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GWM03-C)		Junction Box: ST-GJB07-C Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GJB07-C)	Wall Mount: ST-GWM03-C Junction Box: ST-GJB03-I Pole Mount: ST-GPMA-A (Requires ST-GWM03-C)	Junction Box: ST-GJB05-A Pole Mount: ST-GPMA-C (Requires ST-GJB05-A)	Junction Box: ST-GJB07-C Pole Mount: ST-GPMA-A ST-GPMA-C (Requires ST-GJB07-C)
PRICE	\$256.48		\$258.72	\$140.00		\$290.00



NDAA IP Network Cameras - 5MP Fixed Lens

Models	ST-GP5FTD-2.8	ST-GP5FTD-2.8-AD
Megapixels	5MP	5MP
Max. Image Resolution	2880 x 1620	2880 x 1620
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Bit Rate	Video: 128 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps Audio: 64 Kbps
Image Sensor	1/2.7" progressive scan, CMOS	1/2.7" progressive scan, CMOS
Lens Options	2.8mm	2.8mm
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 80°, Rotate: 0 - 360°	
Min. Illumination	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR on	Color: 0.001lux (F1.0, AGC ON) 0Lux with light
Day & Night	IR-cut filter with auto switch (ICR)	
IR Range	Up to 98ft (30m) IR range	
WDR	120dB	130dB
SMART Triggers	Basic Detection: Motion detection, tampering alarm, audio detection	Smart intrusion prevention: False alarm filtering, Line crossing, Intrusion detection, Region entrance detection, Region exit detection, People Counting, Face Detection, Basic Detection: Motion, Tampering alarm, Audio Detection
Audio Input/Output	Built in Mic	Built in Mic / Built in Speaker / 1 Input / 1 Output
Local Storage	Micro SD, up to 256 GB	Micro SD, up to 512GB
Protection Level	IP67	IP67
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T), API, SDK
Working Temp.	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing), Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included	
Power Consumption	Max 4W	Max 10W
Dimensions: in. (mm)	4.4" x 3.7" (110.5 x 94.1mm)	5.1" x 4.7" (129 x 118mm)
Weight: lbs. (kg)	0.93lbs (0.43kg)	1.53lbs (0.69kg)
Optional Brackets	Wall Mount: ST-GWM03-A Junction Box: ST-GJB03-B Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GWM03-A)	Wall Mount: ST-GWM03-C Junction Box: ST-GJB03-E Pole Mount: ST-GPMA-A (Requires ST-GWM03-C) / ST-GPMA-C (Requires ST-GWM03-C)
Price	\$135.52	\$429.00

NDAA IP Network Cameras - 5MP Fixed Lens - 24/7 Color

Models	ST-GP5FTD-CNV-2.8, ST-GP5FTD-CNV
Megapixels	5MP
Max. Image Resolution	2880 x 1620
Video Compression	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps
Image Sensor	1/2.7" progressive scan, CMOS
Lens Options	2.8mm/4mm/f1.0
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 80°, Rotate: 0 - 360°
Min. Illumination	Color: 0.001 lux (F1.0, AGC ON)
Day & Night	Supplemental LED
IR Range	Up to 98ft (30m) IR range
WDR	120 dB
SMART Triggers	Smart intrusion prevention: False alarm filtering, Line crossing, Intrusion detection, Region entrance detection, Region exit detection, People Counting, Basic Detection: Motion detection, Tampering alarm, Audio Detection
Audio Input/Output	2.8mm - Built in Mic / 1 Input/1 Output 4mm - Built-in Mic
Local Storage	2.8mm - Micro SD, up to 512 GB 4mm - Micro SD, up to 256GB
Protection Level	IP67
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
Working Temp.	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing), Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included
Power Consumption	Max 7.5W
Dimensions: in. (mm)	4.4" x 3.7" (110.5mm x 94.1mm)
Weight: lbs. (kg)	0.97lbs (0.44kg)
Optional Brackets	Wall Mount: ST-GWM03-A / Junction Box: ST-GJB03-B / Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GWM03-A)
Price	\$161.28



NDAA IP Network Cameras - 8MP Fixed Lens

Models	ST-GIP8FD-2.8	ST-GIP8FTD-2.8	ST-GIP8FTD-2.8-AD	ST-GIP8FB-2.8
Megapixels	8MP	8MP	8MP	8MP
Max. Image Resolution	4K: 3840 x 2160	4K: 3840 x 2160	4K: 3840 x 2160	4K: 3840 x 2160
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps
Image Sensor	1/2.7" progressive scan, CMOS	1/2.7" progressive scan, CMOS	1/2.8" progressive scan, CMOS	1/2.7" progressive scan, CMOS
Lens Options	2.8mm@1.6	2.8mm@1.6	2.8mm@F1.0	2.8mm@1.6
Angle Adjustment	Pan: 0-360°, Tilt: 0-68°, Rotate: 10-360°	Pan: 0-360°, Tilt: 0-80°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-80°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°
Min. Illumination	Color: 0.005Lux (F1.6, AGC ON) 0 Lux with IR on	Color: 0.005Lux (F1.6, AGC ON) 0 Lux with IR on	Color: 0.001Lux (F1.0, AGC ON) 0 lux with IR on	Color: 0.005Lux (F1.6, AGC ON) 0 Lux with IR on
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 98 ft (30m) IR range	Up to 98 ft (30m) IR range	Up to 98 ft (30m) IR range	Up to 164 ft (50m) IR range
WDR	120dB	120dB	130dB	120dB
SMART Triggers	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection	Smart intrusion prevention: False alarm filtering, Line crossing, Intrusion detection, Region entrance detection, Region exit detection, People Counting, Basic Detection: Motion, Tampering alarm, Audio Detection	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection
Audio Input/Output	Built in Mic	Built in Mic	Built in Mic / Built in Speaker / 1 Input / 1 Output	Built in Mic
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 512GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67	IP67	IP67
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK			
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: <95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: <95% RH (non-condensing)			
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included			
Power Consumption	Max 4.5W	Max 4.5W	Max 10.0W	Max 6.5W
Dimensions: in. (mm)	4.3 x 3.3" (109 x 83 mm)	4.6 x 3.8" (118 x 95 mm)	4.6" x 3.8" (118mm x 95mm)	7.5 x 2.9 x 2.8" (190 x 73 x 71mm)
Weight: lbs. (kg/g)	0.82 lbs (0.37 kg)	0.79 lbs (0.36 kg)	1.53 lbs (0.69 kg)	0.99 lbs (0.45 kg)
Optional Brackets	Wall Mount: ST-GWM03-A Pole Mount: ST-GPMA-A (Requires ST-GWM03-A) / ST-GPMA-C (Requires ST-GWM03-A) Junction Box: ST-GJB03-B	Wall Mount: ST-GWM03-A Pole Mount: ST-GPMA-A (Requires ST-GWM03-A) / ST-GPMA-C (Requires ST-GWM03-A) Junction Box: ST-GJB03-I	Wall Mount: ST-GWM03-C Pole Mount: ST-GPMA-A (Requires ST-GWM03-C) / ST-GPMA-C (Requires ST-GWM03-C) Junction Box: ST-GJB05-E	Pole Mount: ST-GPMA-C (Requires ST-GJB05-A) Junction Box: ST-GJB05-A
PRICE	\$235.20	\$235.20	\$218.40	\$235.20



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NDAA IP Network Cameras - 8MP Fixed Lens - 24/7 Color

Models	ST-GIP8FTD-CNV-2.8	ST-GIP8FB-CNV
Megapixels	8MP	8MP
Max. Image Resolution	4K: 3840 x 2160	4K: 3840 x 2160
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps
Image Sensor	1/1.8" progressive scan, CMOS	1/1.8" progressive scan, CMOS
Lens Options	2.8mm@F1.0	4.0mm@F1.0
Angle Adjustment	Pan: 0-360°, Tilt: 0-72°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°
Min. Illumination	Color: 0.001 Lux (F1.0, AGC ON)	Color: 0.001 Lux (F1.0, AGC ON)
Day & Night	Supplemental LED	Supplemental LED
IR Range	Up to 98ft (30m)	Up to 98ft (30m)
WDR	120dB	120dB
SMART Triggers	Smart intrusion prevention: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, People counting, Face Detection. Basic Detection: Motion detection, Tampering alarm, Audio Detection	
Audio Input/Output	Built in Mic / 1 Input / 1 Output	Built in Mic / 1 Input / 1 Output
Local Storage	Micro SD, up to 256 GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK	
Working Temp.	Working Environment: -22°F - 140°F (-30°C - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22°F - 140°F (-30°C - 60°C), Humidity: ≤95% RH (non-condensing)	
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included
Power Consumption	Max 11W	Max 11W
Dimensions: in. (mm)	5.1 x 4.3" (129 x 110mm)	9.6 x 3.4 x 3.3" (245 x 86 x 85mm)
Weight: lbs. (kg)	1.4lbs (0.64kg)	1.89lbs (0.86kg)
Optional Brackets	Wall Mount: ST-GWM03-C / Junction Box: ST-GJB03-E / Pole Mount: ST-GPMA-A (Requires ST-GWM03-C) / ST-GPMA-C (Requires ST-GWM03-C)	Junction Box: ST-GJB07-C / Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GJB07-C)
PRICE	\$341.58	\$341.58


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NDA IP Network Cameras - 4MP Varifocal Lens - Motorized Zoom

Models	ST-GIP4VFD-MZ	ST-GIP4VFD-MZ	ST-GIP4VFB-MZ
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520	2688 x 1520	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps	Video: 128 Kbps - 16 Mbps
Image Sensor	1/3" progressive scan, CMOS	1/3" progressive scan, CMOS	1/3" progressive scan, CMOS
Lens	2.7 - 13.5mm, AF automatic focusing and motorized zoom lens	2.7 - 13.5mm, AF automatic focusing and motorized zoom lens	2.7 - 13.5mm, AF automatic focusing and motorized zoom lens
Angle Adjustment	Pan: 0-355°, Tilt: 0-80°, Rotate: 0-355°	Pan: 0-360° Tilt: 0-75° Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°
Min. Illumination	Color: 0.002 Lux (F1.2, AGC ON) 0 Lux with IR on	Color: 0.002 Lux (F1.2, AGC ON) 0 Lux with IR on	Color: 0.002 Lux (F1.2, AGC ON) 0 Lux with IR on
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 131ft (40m) IR range	Up to 131ft (40m) IR range	Up to 164ft (50m) IR range
WDR	120dB	120dB	120dB
SMART Triggers	Smart Intrusion Prevention: Line crossing, Intrusion detection, Enter area / Leave area detection / Basic Detection: Motion detection, Tampering alarm, Audio detection	Smart Intrusion Prevention: Line crossing, Intrusion detection, Enter area / Leave area detection / Basic Detection: Motion detection, Tampering alarm, Audio detection	Smart Intrusion Prevention: Line crossing, Intrusion detection, Enter / Leave area detection, Face Capture / Basic Detection: Motion detection, Tampering alarm, Audio detection
Audio Input/Output	Built in Mic / 1 Input / 1 Output	Built-in Mic	1 Input / 1 Output
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API		
Working Temp.	Working Environment: -22°F - 140°F (-30°C - 60°C), Humidity: <95% RH (non-condensing) Storage Environment: -22°F - 140°F (-30°C - 60°C), Humidity: <95% RH (non-condensing)		
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included		
Power Consumption	Max 7.0W	Max 7.0W	Max 8.5W
Dimensions: in. (mm)	5.8 x 4.4" (148 x 111.3mm)	5.1 x 4.3" (129 x 110mm)	9.7 x 3.4 x 3.4" (245.4 x 85.4 x 86.4mm)
Weight: lbs. (kg)	2.03lb (0.92kg)	1.52lb (0.69kg)	2.03lb (0.92kg)
Optional Brackets	Wall Mount: ST-GWM04-B Junction Box: ST-GJB04-D Pole Mount: ST-GPMA-A (Requires ST-GWM04-B) / ST-GPMA-C (Requires ST-GWM04-B)	Wall Mount: ST-GWM03-C Junction Box: ST-GJB04-E Pole Mount: ST-GPMA-A (Requires ST-GWM03-C) / ST-GPMA-C (Requires ST-GWM03-C)	Junction Box: ST-GJB07-C Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GJB07-C)
Price	\$323.68	\$323.68	\$323.68

While we attempt to hold pricing we can not control if our vendors increase pricing.
 Images shown may be different from actual product.



NDA IP Network Cameras - 8 MP Varifocal Lens - Motorized Zoom

Models	ST-GIP8VFD-MZ	ST-GIP8VFD-MZ	ST-GIP8VFB-MZ
Megapixels	8MP	8MP	8MP
Max. Image Resolution	4K: 3840 x 2160	4K: 3840 x 2160	4K: 3840 x 2160
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps
Image Sensor	1/2.8" progressive scan, CMOS	1/2.8" progressive scan, CMOS	1/2.8" progressive scan, CMOS
Lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens
Angle Adjustment	Pan: 0-355°, Tilt: 0-80° Rotate: 0-355°	Pan: 0-360°, Tilt: 0-75°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°
Min. Illumination	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR on	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR on
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 131ft (40m) IR range	Up to 131ft (40m) IR range	Up to 164ft (50m) IR range
WDR	120dB	120dB	120dB
SMART Triggers	Smart intrusion prevention: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, People counting, Face Detection. Basic Detection: Motion detection, Tampering alarm, Audio Detection		
Audio Input/Output	Built-in Mic / 1 Input / 1 Output	Built-in Mic	1 Input / 1 Output
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256 GB
Protection Level	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK		
Working Temp.	Working Environment: -22°F - 140°F (-30°C - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22°F - 140°F (-30°C - 60°C), Humidity: ≤95% RH (non-condensing)		
Power Supply	DC 12V±25%, PoE (IEEE 802.3af), Power supply not included		
Power Consumption	Max 9.0W	Max 9.0W	Max 10.5W
Dimensions: in. (mm)	5.8 x 4.4" (148 x 111.4mm)	5.1 x 4.3" (129 x 110mm)	9.6 x 3.4 x 2.8" (245 x 86 x 72mm)
Weight: lbs. (kg/g)	2.14lbs (0.97kg)	1.52lbs (0.69)	2.03 lbs (0.92kg)
Optional Brackets	Wall Mount: ST-GWM04-B Junction Box: ST-GJB04-D Pole Mount: ST-GPMA-A (Requires ST-GWM04-B) / ST-GPMA-C (Requires ST-GWM04-B)	Wall Mount: ST-GWM03-C Junction Box: ST-GJB04-E Pole Mount: ST-GPMA-A (Requires ST-GWM03-C) / ST-GPMA-C (Requires ST-GWM03-C)	Junction Box: ST-GJB07-C Pole Mount: ST-GPMA-A / ST-GPMA-C (Requires ST-GJB07-C)
Price	\$425.58	\$425.58	\$425.58

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NDAA IP Network Cameras - 4MP PTZ (Pan, Tilt, Zoom)

Models	ST-GIP4PTZMINI-16X	ST-GIP4PTZ-25X	ST-GIP4PTZ-DL-25X
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520	2688 x 1520	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps / Audio: 128 Kbps	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps / Audio: 64 Kbps
Image sensor	1/2.9" progressive scan, CMOS	1/2.8" progressive scan, CMOS	Fixed: 1/1.8" CMOS / PTZ: 1/2.7" CMOS
Lens - Optical/Digital Zoom	5.5-88mm, AF automatic focusing and motorized zoom lens	4.8-120mm, AF automatic focusing and motorized zoom lens	Fixed: 4mm@F1.0 / PTZ: 4.8-120mm@F1.5, AF automatic focusing and motorized zoom lens
PTZ functions	Pan 360°, Tilt -5° - 90°	Pan 360°, Tilt -15° - 90°	PTZ: Pan 360°, Tilt -15° - 90°
Min. Illumination	Color: 0.005 Lux (F1.78, AGC ON) 0 Lux with IR	Color: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR	Fixed: Color: 0.0005 lux (F1.0, AGC ON) 0 lux with warm light / PTZ: Color: 0.003 lux (F1.5, AGC ON) 0 lux with IR
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	PTZ: IR-cut filter with auto switch (ICR)
IR Range	Up to 328 ft (100m) IR range	Up to 328 ft (100m) IR range	Fixed: Supplemental Light: Up to 98.4ft (30m) PTZ: IR-cut filter with auto switch (ICR)
WDR	120dB	120dB	120dB
SMART Triggers	Smart Intrusion Prevention: False alarm filtering, Line crossing detection, Intrusion detection / Basic Detection: Motion detection, Audio detection, Tampering Alarm / Auto Tracking: Target filtering (Vehicle, Human body)	Smart Intrusion Prevention: False alarm filtering, Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection Facial Recognition: Face Capture / Face attributes: Gender, Age range, Glasses, Mask People Counting: people flow counting and crowd density monitoring, Basic Detection: Motion detection, Audio detection, Tampering Alarm / Auto Tracking	Basic Detection: Motion detection, Audio detection, Tampering Alarm / Auto Tracking (PTZ only)
Audio Input/Output	1 Input / 1 Output	1 Input / 1 Output	Built in Speaker / 1 Input / 1 Output
Local Storage	Micro SD up to 256 GB	Micro SD up to 256GB	Micro SD up to 256 GB
Protection Level	IP67 / IK10	IP67 / IK10	IP66
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK		
Working Temp.	Working Environment -40 - 149°F (-40 - 65°C), Humidity: ≤95% RH (non condensing) Storage Environment -40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non-condensing)*	Working Environment -40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non condensing) Storage Environment -40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non-condensing)*	Working Environment -40 - 149°F (-40 - 65°C), Humidity: ≤95% RH (non condensing) Storage Environment -40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non-condensing)*
Power Supply	DC12V(±10%, 3A), PoE+ (IEEE 802.3at), Power supply not included		
Power Consumption	Max 23W	Max 21W	Max 24W
Dimensions: in. (mm)	6.6" x 7.1" (167 x 181mm)	6.5" x 11.6" (166 x 295 mm)	6.4" x 12" (163 x 304mm)
Weight: lbs (kg/g)	5.07lbs (2.3kg)	6.72 lbs (3.05kg)	5.0lbs (2.27kg)
Optional Brackets	Wall Mount: ST-GWMP2-A Junction Box: ST-GJB2-F Pole Mount: ST-GPTZ-CM / ST-GPTZ-PM / Pole Mount Adapter: ST-GPTZ-PMA	PTZ Wall Mount: (Short) ST-GWMP2-A, (Long) ST-GWMP2-B Junction Box: ST-GJB2-F (Requires ST-GWMP2-A) Pole Mount: ST-GPTZ-PM / ST-GPMA-B (Requires ST-GWMP2-A & ST-GJB2-F)	PTZ Wall Mount: (Short) ST-GWMP2-A, (Long) ST-GWMP2-B Junction Box: ST-GJB2-F (Requires ST-GWMP2-A) Pole Mount: ST-GPTZ-PM / ST-GPMA-B (Requires ST-GWMP2-A & ST-GJB2-F)
Optional Controller	ST-USB-KB	ST-USB-KB	ST-USB-KB
Price	\$695.00	\$603.68	\$740.00


NDAAs IP Network Cameras - 4MP PTZ (Pan, Tilt, Zoom)

Models	ST-GIP4PTZ-33X
Megapixels	4MP
Max. Image Resolution	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 15 Mbps / Audio: 128 Kbps
Image sensor	1/2.8" progressive scan, CMOS
Lens - Optical/Digital Zoom	4.5 - 148.5mm, AF automatic focusing, motorized zoom lens
PTZ functions	Pan 360°, Tilt: -15° - 90°
Min. Illumination	Color: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR
Day & Night	IR-cut filter with auto switch (ICR)
IR Range	Up to 492 ft (150m) IR range
WDR	120dB
SMART Triggers	Smart Intrusion Prevention: False alarm filtering, Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection, Face Capture, Face attributes: Gender, Age range, Glasses, Mask, People Counting: people flow counting and crowd density monitoring; Basic Detection: Motion detection, Tampering Alarm, Audio detection, Object removed, Object left behind
Audio Input/Output	1 Input / 1 Output
Local Storage	Micro SD up to 512 GB
Protection Level	IP66
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
Working Temp.	*Working Environment: -40°F to 158°F (-40°C to 70°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -40°F to 158°F (-40°C to 70°C), Humidity: ≤95% RH (non-condensing)*
Power Supply	AC 24V±25%, DC 24V±25%, PoE+ (IEEE802.3 at), Power supply not included
Power Consumption	Max 25W
Dimensions: in. (mm)	8.9 x 15.1" (227 x 384.8mm)
Weight: lbs (kg/g)	11.64lbs (5.28kg)
Optional Brackets	PTZ Wall Mount: (Short) ST-GWMP1Z-A, (Long) ST-GWMP1Z-B Junction Box: ST-GJB12-F (Requires ST-GWMP1Z-A) Pole Mount: ST-GPTZ-PM / ST-GPMA-B (Requires ST-GWMP1Z-A & ST-GJB12-F)
Optional Controller	N/A
Price	\$1,291.72

NDAAs IP Network Cameras - 5MP PTZ (Pan, Tilt, Zoom)

Models	ST-GIP5PTZ-4X-AD
Megapixels	5MP
Max. Image Resolution	2880 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16 Mbps
Image sensor	1/2.7" progressive scan, CMOS
Lens - Optical/Digital Zoom	2.8-12mm, AF automatic focusing and motorized zoom lens
PTZ functions	Pan: 0-345°, Tilt: -10-110°
Min. Illumination	Color: 0.003 lux (F1.2, AGC ON) 0 lux with IR
Day & Night	IR-cut filter with auto switch (ICR)
IR Range	Up to 164ft (50m) IR range
WDR	120dB
SMART Triggers	Smart Intrusion Prevention: Support false alarm filtering; Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection / People Counting: People flow counting and crowd density monitoring / Basic Detection: Motion detection, Audio detection, Tampering Alarm / Auto-Tracking
Audio Input/Output	Built-in Mic, Built-in Speaker
Local Storage	Micro SD up to 256 GB
Protection Level	IP66
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Working Temp.	*Working Environment: -4°F - 140°F (-20°C - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -40°F - 158°F (-40°C - 70°C), Humidity: ≤95% RH (non-condensing)*
Power Supply	DC 12V±25%, PoE (IEEE 802.3at), Power supply not included
Power Consumption	Max 18W
Dimensions: in. (mm)	5.2 x 10.6" (133 x 269mm)
Weight: lbs (kg/g)	1.92lbs (0.87kg)
Optional Brackets	Junction Box: ST-GJB07-C Pole Mount: ST-GPMA-C (Requires ST-GJB07-C)
Optional Controller	N/A
Price	\$349.00



NDAA IP Network Cameras - 2MP & 4MP License Plate Recognition Camera (LPR)/ 5MP & 12MP Fisheye

Models	ST-GIP2VFB-LPR	ST-GIP4VFB-M2-LPR	ST-GIP5FE	ST-GIP12FE
Megapixels	2MP	4MP	5MP	12MP
Max. Image Resolution	1920 x 1080 (60fps)	2688 x 1520	2592*1944	4000 x 3000
Video Compression	H.264 (default), H.265	H.264 (default), H.265	Ultra265, H.265, H.264, MJPEG	Ultra265, H.265, H.264, MJPEG
Bit Rate	Video: 128 Kbps - 16384 Kbps	Video: 128 Kbps - 16384 Kbps	Video: 128 Kbps - 16 Mbps Audio: 64 Kbps	Video: 128 Kbps - 16 Mbps Audio: 64 Kbps
Image sensor	1/2.8" 2MP CMOS	1/1.8-inch 4MP CMOS	1/2.8" progressive scan, CMOS	1/1.7" progressive scan, CMOS
Lens - Optical/Digital Zoom	4.7mm to 47mm, motorized zoom	8mm - 32mm, motorized zoom	1.4mm@F2.0	1.8mm@F2.0
PTZ functions	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°	Pan: 15-165°, Tilt: -87-87°, Rotate: 0 - 360°	N/A	N/A
Min. Illumination	0.001lux (F1.6)	0.002lux (F1.7)	Color: 0.01 Lux (F2.0, AGC ON) 0 Lux with IR	Color: 0.03 Lux (F2.0, AGC ON) 0 Lux with IR
Day & Night	N/A	N/A	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	4 IR LEDs, Up to 164 ft (50m) IR Range, automatic on/off control	4 warm light LEDs, Up to 164 ft (50m) Illumination Range, automatic on/off control	Up to 32.8 ft (10 m) IR range	Up to 49 ft (15m) IR range
WDR	120dB	120DB	120 dB	DWDR
SMART Triggers	License plate number recognition, Vehicle body color recognition, Entry/Exit scenes	License plate number recognition, Vehicle body color recognition, Entry/Exit scenes	Statistical Analysis: Heat map (Working with management platform) Basic Detection: Motion Detection, Tampering Alarm, Audio Detection	Smart intrusion prevention: Cross Line detection, Intrusion detection Statistical Analysis: Heat map (Working with management platform) Basic Detection: Motion detection, Audio detection, Tampering alarm
Audio Input/Output	1 Input / 1 Output	1 Input / 1 Output	Built in Mics & Speaker / Built in Mic / 1 Input / 1 Output	Built in Mics & Speaker / Built in Mic / 1 Input / 1 Output
Local Storage	ANR with a Micro SD card, up to 256GB	ANR with a Micro SD card, up to 128GB	Micro SD, up to 512 GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK30	IP66 / IK10	IP67 / IK10
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK			
Working Temp.	Working Environment: -40 - 140°F (-40 - 60°C) Humidity: <90% RH (non-condensing) Storage Environment: -40 - 140°F (-40 - 60°C) Humidity: <90% RH (non-condensing)		Working Environment: -22 - 140°F (-30 - 60°C), Humidity: <95% RH Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: <95% RH	
Power Supply	DC12V + 25% - 10%, PoE (IEEE 802.3at POE+), Power supply not included		DC 12V±25%, PoE (IEEE 802.3at), Power supply not included	
Power Consumption	Max: 20W	Max: 20W	Max: 8.5W	Max: 12W
Dimensions: in. (mm)	5.2 x 4.96" x 5.12" (386 x 126 x 130 mm)	5.98 x 4.96" x 5.12" (406 x 126 x 130 mm)	4.92 x 1.72" (125mm x 43.7mm)	5.9 x 2.2" (149 x 55mm)
Weight: lbs (kg)	4.41 lbs (2kg)	4.63 lbs (2.1kg)	1.156 lbs (524g)	1.15 lbs (524g)
Optional Brackets	Junction Box included / ST-GPMA-C (Requires Junction Box)	Junction Box included / ST-GPMA-C (Requires Junction Box)	Junction Box: ST-GJB03-E	Junction Box: ST-GJB04-G
Optional Controller	ST-USB-KB	ST-USB-KB	N/A	N/A
Price	\$945.28	\$616.00	\$388.27	\$913.92

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NDAA Network Video Recorders (NVR)

Models	ST-GNVR4-P4	ST-GNVR8-P8-PRO	ST-GNVR16-P16-PRO	ST-GNVR16-P16
Description	4ch Video Input	8ch Video Input	16ch Video Input, 16 Port Built in PoE	16ch Video Input, 16 Port Built in PoE
PoE Interface	4 RJ-45 10M/100M self-adaptive Ethernet Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Decoding	Ultra 265/H.265/H.264	Ultra 265/H.265/H.264	Ultra 265/H.265/H.264	Ultra 265/H.265/H.264
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF	16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Hard Disk Drive Storage	1 SATA Interface, Up to 24 TB HDD	2 SATA Interfaces, Up to 10 TB per HDD	2 SATA Interfaces, Up to 16 TB per HDD	2 SATA Interfaces, Up to 16 TB per HDD
RAID Array Type	N/A	N/A	RAID 1	RAID 1
Video Output	VGA: 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz HDMI: 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz			
Audio Input/Output	1-Channel, RCA	1-Channel, RCA	1-Channel, RCA	1-Channel, RCA
External Interface	Network Interface: 1 RJ-45 10M/100M self-adaptive, Ethernet interface, USB: Rear panel: 1 × USB2.0, 1 × USB3.0	Network Interface: 1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface, USB: Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0		
Alarm Input / Output	N/A	8 Channel / 2 Channel	8 Channel / 2 Channel	8 channel / 2 channel
Smart Functions	Face Snapshot, Human & Vehicle Search, General Search, People Counting Reports, Heat Map, Defocus, Scene Change, Object Left/Removed, Auto Tracking, Motion Detection, Tampering, Human Detection, Video Loss, Alarm Input, Audio Detection	Face Detection/Comparison, Vehicle Detection, Smart Intrusion Prevention, UMD, People Counting, Crowd Density Monitoring, Traffic Monitoring, Face/Human/Vehicle Search, Heat Map, AcuSearch, Defocus, Scene Change, Object Left/Removed, Auto Tracking, Motion Detection, Tampering, Human Detection, Video Loss, Alarm Input, Audio Detection	Face Detection, Vehicle Detection, SIP, UMD, Temperature Detection, People Counting, Crowd Density Monitoring, Video Metadata, Traffic Monitoring, Human & Vehicle Search, People Counting Reports, Heat Map	Face Detection/Comparison, Vehicle Detection, SIP, UMD, Temperature Detection, People Counting, Crowd Density Monitoring, Video Metadata, Traffic Monitoring, Face Snapshot/Comparison Search, Human & Vehicle Search, General Search, People Counting Reports, Heat Map
Network Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4			
Compatible Integration	ONVIF (Profile S, Profile G, Profile T) and RTSP			
Working Temperature	14 - +131°F (-10 - +55°C), Humidity ≤ 90% RH (non-condensing)	14 - +131°F (-10 - +55°C), Humidity ≤ 90% RH (non-condensing)	14 - 122°F (-10 - 50°C), Humidity ≤ 90% RH (non-condensing)	14 - +131°F (-10 - +55°C), Humidity ≤ 90% RH (non-condensing)
Power Supply	DC 48 V/1.35 A	100 - 240 V AC	100 - 240 V AC	100 - 240 V AC
Max Power	≤ 10W (without HDD)	≤ 12W (without HDD)	≤ 12W (without HDD)	≤ 10W (without HDD)
Chassis	1U	1U	1U	1U
Dimensions: in. (mm)	10.2 × 8.7 × 1.8" (260 × 222 × 47mm)	15 × 12.7 × 2.1" (380 × 322 × 53mm)	15 × 12.7 × 2.1" (380 × 322 × 53mm)	14.9 × 12.4 × 2.1" (380 × 315 × 53 mm)
Weight: lbs. (kg/g)	2.43lb (1.1kg) without HDD	6.0lb (2.7kg)	6.0lb (2.7kg)	5.73 lbs (2.6 kg)
PRICE	\$156.80	\$289.00	\$629.00	\$380.80



RAID (Redundant Array of Independent Disks) configures multiple hard drives to protect data in the event of a drive failure by duplicating or distributing data across drives, ensuring continuous backup and availability.



ST-GNVR32



ST-GNVR32-P16



ST-GNVR64



ST-GNVR128

NDA Network Video Recorders (NVR)

Models	ST-GNVR32	ST-GNVR32-P16	ST-GNVR64	ST-GNVR128
Description	32ch Video Input	32-channel input, 16 Port Built in PoE	64ch Video Input	128ch Video Input
PoE Interface	N/A	16 RJ-45 10M/100M self-adaptive Ethernet Interface	N/A	N/A
Decoding	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264	Ultra 265/H.265/H.264	Ultra 265/H.265/H.264
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/ 1080p/960p/720p/D1/2CIF/CIF	12MP/8MP/6MP/5MP/4MP/3MP/1080p/ /960p/720p/D1/2CIF/CIF	12MP/8MP/6MP/5MP/4MP/3MP/1080p/ /960p/720p/D1/2CIF/CIF	12MP/8MP/6MP/5MP/4MP/3MP/1080p/ /960p/720p/D1/2CIF/CIF
Hard Disk Drive Storage	2 SATA Interface, Up to 16TB per HDD	4 SATA Interface, Up to 16TB per HDD	8 SATA Interface, Up to 12TB per HDD	16 SATA Interface, Up to 16TB per HDD
RAID Array Type	RAID 1	RAID 1/5	RAID 0, 1, 5, 6, 10	RAID 0/1/5/6/10/50/60
Video Output	VGA: 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI-H (3840 x 2160/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz		VGA: 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI/HDMI2 (HDMI audio output is not supported): 4K (3840 x 2160/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz	
Audio Input/Output	8 channel / 2 channel	16 channel / 4 channel	1-Channel, RCA	1-Channel, RCA
External Interface	Network Interface: 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces USB Interface: Front panel: 1x USB2.0, Rear panel: 1x USB 2.0, 1x USB 3.0	Network Interface: 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface USB Interface Front panel: 1x USB2.0, Rear panel: 1x USB3.0	Network Interface: 2 RJ45 10M/100M/1000M self-adaptive Ethernet interface, Serial Interface: 1x RS232, 1x RS485, USB Interface: Front panel: 2 x USB2.0 Rear panel: 1x USB3.0	Network Interface: 4 RJ45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface, Serial Interface: 1x RS232, 1 x RS485, USB interface: Rear panel: 4 x USB3.0
Alarm Input / Output	8 channel / 2 channel	16 channel / 4 channel	16 Channel / 4 Channel	24 Channel / 8 Channel
Smart Functions	Face Detection/Comparison, Vehicle Detection, SIP, UMD, Temperature Detection, People Counting, Crowd Density Monitoring, Video Metadata, Traffic Monitoring, Face Snapshot/ Comparison Search, Human & Vehicle Search, General Search, People Counting Reports, Heat Map	Face Detection/Comparison, Intrusion Detection, Line Crossing, Enter/ Leave Area, Defocus Detection, Scene Change Detection, Object Left/Removed, Auto Tracking, Face Search/Comparison, Behavior Search, Vehicle Search, People Counting, Motion Detection, Tampering, Human Detection, Video Loss, Alarm Input, Audio Detection	Intrusion Detection, Line Crossing, Enter/Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left/Removed, Vehicle Control, Temperature Detection, UMD, Video Metadata, Traffic Monitoring, People Counting, Crowd Density Monitoring	Face Detection, Intrusion Detection, Line Crossing, Enter/Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left/Removed, Vehicle Control, Temperature Detection, UMD, Video Metadata, Traffic Monitoring, People Counting, Crowd Density Monitoring, Face Search, Human & Vehicle Search, General Search, People Counting Reports
Network Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS	P2P, UPnP, NTP, DHCP, PPPoE
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK			
Working Temp.	14 - +131°F (-10 - +55°C), Humidity ≤ 90% RH (non-condensing)			
Power Supply	12VDC/3.3A	100 - 240 V AC	100-240 VAC	100-240 VAC
Max Power	≤ 12 W (without HDD)	≤ 15 W (without HDD)	≤ 25 W (without HDD)	≤ 50 W (without HDD)
Chassis	1U	2U	2U	3U
Dimensions: in. (mm)	15.0 x 12.4 x 2.1" (380 x 315 x 53 mm)	15.7 x 14.3 x 2.9" (400 x 363 x 74 mm)	17.4 x 16.8 x 3.5" (442 x 426 x 89mm)	18.8 x 19.0 x 5.1" (482 x 477 x 131mm)
Weight: lbs. (kg/g) without HDD	3.97 lbs (1.8 kg)	8.82 lbs (4 kg)	12.57 lbs (5.7kg)	22.05 lbs (10 kg)
PRICE	\$364.00	\$693.28	\$1,926.40	\$3,472.00


Surveillance Hard Disk Drives (HDD) 1TB- 6TB

Models	WD10PURX	WD20PURX	WD30PURX	WD40PURX	WD60PURX
Capacity	WD Purple 1TB HDD	WD Purple 2TB HDD	WD Purple 3TB HDD	WD Purple 4TB HDD	WD Purple 6TB HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM
Cache	64	64	64	64	64
Advanced Format (AF)	Yes	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	.99 lbs (.449 kg)	1.21 lbs (.548 kg)	1.42 lbs (.644 kg)	1.42 lbs (.644 kg)	1.59 lbs (.721 kg)
Price	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing


Surveillance Hard Disk Drives (HDD) 8TB - 14TB

Models	WD82PURX	WD102PURX	WD122PURP	WD142PURP
Description/Capacity	WD Purple 8TB HDD	WD Purple 10TB HDD	WD Purple 12TB HDD	WD Purple 14TB HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
RPM	7200 RPM	7200 RPM	7200 RPM	7200 RPM
Cache	256	256	512	512
Advanced Format (AF)	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	1.59 lbs (.721 kg)	1.62 lbs (.734 kg)	1.62 lbs (.734 kg)	1.62 lbs (.734 kg)
Price	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing


NDAA Wall Mount Camera Mounts

Models	ST-GWM03-A	ST-GWM03-C	ST-GWM04-B
Description	Wall mount for NDAA cameras	Wall mount for NDAA cameras	Wall mount for NDAA cameras
Dimensions: in. (mm)	4.99 x 4.98 x 7.22" (126.7 x 126.4 x 183.4 mm)	5 x 5 x 7.4" (126 x 126 x 188 mm)	8.2 x 4.9 x 4.9" (208 x 125 x 125 mm)
Weight: lbs. (kg/g)	1.15 lbs (0.52 kg)	1.1 lbs (0.5 kg)	1.1 lbs (0.5kg)
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Price	\$23.52	\$22.52	\$22.52



NDAA PTZ Camera Mounts

Models	ST-GWMPMTZ-A	ST-GWMPMTZ-B	ST-GPTZ-CM	ST-GPTZ-PM	ST-GPTZ-PMA
Description	Indoor or outdoor, short wall mount for installing PTZ dome camera	Indoor or outdoor, long wall mount for installing PTZ dome camera	Indoor or outdoor, ceiling mount bracket for installing PTZ dome camera	Indoor or outdoor, pendant mounting bracket for installing PTZ dome camera	Indoor or outdoor, dome plate mount for installing PTZ dome camera
Dimensions: in. (mm)	9.1 x 5.6 x 7.9" (230.3 x 141 x 201.5 mm)	8.5" x 5.6" x 12.4" (216 x 141 x 314 mm)	11" x 3.6" (280 x 91 mm) / In-ceiling hole: 8.3" (210 mm)	4.6" x 9.4" (116.5 x 239 mm)	6.3" x 1.82" (160 x 46.3 mm)
Weight:	1.74 lbs (0.79 kg)	2.2 lbs (1.0 kg)	2.65 lbs (1.2 kg)	1.5 lbs (0.67 kg)	0.522 lbs (0.24 kg)
Material	Aluminum alloy	Aluminum alloy	Sheet metal and PC	Aluminum alloy	Aluminum alloy
Price	\$43.68	\$47.60	\$27.98	\$23.38	\$11.14



NDAA Junction Box Camera Mounts

Models	ST-GJB03-B	ST-GJB03-E	ST-GJB03-I	ST-GJB04-D	ST-GJB05-A
Description	Junction box for NDAA (G-series) fixed dome	Junction box for NDAA (G-series) varifocal turret dome / fixed turret dome (CNV)	Junction box for NDAA (G-series) varifocal turret dome / fixed turret dome (CNV)	Junction box for NDAA (G-series) varifocal dome	Junction box for NDAA (G-series) IP fixed bullet (IRS only) with circular base (Extra back outlet)
Dimensions: in. (mm)	Ø4.28 x 1.42" (Ø108.6 x 36 mm)	Ø4.96 x 1.42" (Ø126 x 36 mm)	Ø4.64" x 1.42" (Ø117.8 x 36 mm)	Ø5.70 x 1.57" (Ø144.8 x 40 mm)	Ø4.11 x 2.15" (Ø104.4 x 54.5 mm)
Weight:	0.44 lbs (0.2 kg)	0.53 lbs (0.24 kg)	0.44 lbs (0.2 kg)	0.66 lbs (0.3 kg)	0.79 lbs (0.36 kg)
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Price	\$36.00	\$21.28	\$21.28	\$21.28	\$29.12



NDAA Junction Box Camera Mounts/Pole Adapters

Models	ST-GJB07-C	ST-GJB12-F	ST-GPMA-A	ST-GPMA-B	ST-GPMA-C
Description	Outdoor or indoor cable junction box for NDAA (G-Series) IP Varifocal bullet & NDAA (G-Series) IP fixed bullet Chroma series (Extra back outlet)	Outdoor or indoor cable junction box for NDAA (G-series) IP PTZ	Pole Mount Bracket for PTZ Wall Arm	Pole Mount Bracket for PTZ Wall Arm	Pole Mounting Bracket for Bullet Junction Box Only
Dimensions: in. (mm)	4.92 x 4.92 x 2.17" (Ø25 x 25 x 55 mm)	11.7 x 9.6 x 5" (296 x 244 x 127 mm)	5.4 x 5.0 x 2.5" (136 x 127 x 63.6 mm)	8.5 x 6.9 x 2.4" (215 x 175 x 60 mm)	5.4 x 5.0 x 2.5" (136 x 127 x 63.6 mm)
Weight:	1.65 lbs (0.75 kg)	5.5 lbs (2.5 kg)	0.77 lbs (0.35 kg)	3.2 lbs (1.47 kg)	0.75 lb (0.34 kg)
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Steel	Aluminum alloy
Price	\$43.68	\$101.92	\$18.00	\$30.00	\$24.00

IP CAMERAS

FREE IP CAMERA ADDRESSING AND PRE-CONFIGURATION

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- ▶ We remove the hassle and save you time and money.

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IP Network Cameras - 4MP Fixed Lens

Models	ST-IP4FD-2.8, ST-IP4FD, ST-IP4FD-2.8-BLK, ST-IP4FD-BLK	ST-IP4FTD-2.8, ST-IP4FTD	ST-IP4FTD-2.8-BLK, ST-IP4FTD-BLK	ST-IP4FB-2.8, ST-IP4FB, ST-IP4FB-6	ST-IP4FB-8	ST-IP4FWD-2.8, ST-IP4FWD-2.8-BLK
Megapixels	4MP	4MP	4 MP	4MP	4 MP	4 MP
Max. Image Resolution	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps
Video Compression	H.265/H.265+/H.264/MJPEG					
Bit Rate	32 Kbps to 8 Mbps	32 Kbps to 8 Mbps	32 Kbps to 16 Mbps	32 Kbps to 8 Mbps	32 Kbps to 16 Mbps	32 Kbps to 8 Mbps
Image Sensor	1/3" Progressive Scan CMOS					
Lens Options	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm/6mm	8mm	2.8mm
Angle Adjustment	Pan: 0-355°, Tilt: 0-75°, Rotation: 0-355°	Pan: 0-360°, Tilt: 0-75°, Rotation: 0-360°	Pan: 0-360°, Tilt: 0-75°, Rotation: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotation: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotation: 0-360°	Pan: 30-30°, Tilt: 0-5°, Rotation: 0-360°
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on
Day & Night IR Range	Up to 98' (30m)	Up to 98' (30m)	Up to 98' (30m)	Up to 98' (30m)	Up to 98' (30m)	Up to 98' (30m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Motion Detection (Human/Vehicle Classification), Video Tampering, Exception Alerts, Face Detection, Line Crossing Detection, Intrusion Detection (Human & Vehicle Classification)	Motion Detection (Human/Vehicle Classification), Video Tampering, Exception Alerts, Face Detection, Line Crossing Detection, Intrusion Detection (Human & Vehicle Classification)	Motion Detection, Video Tampering, Exception Alerts (Network, IP, Login, HDD), Line Crossing Detection, Intrusion Detection, Face Detection	Motion Detection (Human/Vehicle Classification), Video Tampering, Exception Alerts, Face Detection, Line Crossing & Intrusion Detection (Human/Vehicle Classification)	Motion Detection, Video Tampering, Exception Alerts (Network Disconnect, IP Conflict, Illegal Login, HDD Full/Error), Line Crossing Detection, Intrusion Detection, Face Detection	Motion Detection (Human/Vehicle Classification), Video Tampering, Exception Alerts, Line Crossing Detection, Intrusion Detection, Face Detection
Audio Input/Output	N/A	N/A	N/A	N/A	N/A	Built-in Mic/1 Input/1 Output
Local Storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 256 GB
Protection Level	IP67, IK10	IP67	IP67	IP67	IP67	IP67 / IK8
Compatible Integration	ONVIF (Profile S, Profile G), ISAPI, SDK					
Working Temp.	-22 - 140°F (-30 - 60°C) Humidity 95% or less (non-condensing)					
Power Supply	12 VDC, PoE (802.3af) - Power supply not included					
Power Consumption	5 W max (12 VDC) / 6.5 W max (PoE, IEEE 802.3af)	6 W max (12 VDC) / 7 W max (PoE, IEEE 802.3af)	6 W max (12 VDC) / 7.5 W max (PoE, IEEE 802.3af)	6 W max (12 VDC) / 7 W max (PoE, IEEE 802.3af)	6 W max (12 VDC) / 7.5 W max (PoE, IEEE 802.3af)	5.5 W max (12 VDC) / 6.5 W max (PoE, IEEE 802.3af)
Dimensions: in. (mm)	4.4 × 3.3" (110.8 × 84.7mm)	5.01 × 3.78" (127.3mm × 95.9mm)	5 × 3.8" (127.3mm × 95.9mm)	2.76 × 6.37" (70mm × 161.7mm)	2.8 × 6.1" (70mm × 155.03 mm)	4.3 × 2.3" (110mm × 57.4mm)
Weight: lbs. (kg)	1.2 lbs (530g)	1.3 lbs (600g)	1.4 lbs (635g)	1.1 lbs (490g)	0.9 lb (420g)	0.8 lbs (380g)
Optional Brackets	Wall Mount: ST-WM1 / ST-WM2 Junction Box: ST-JB1	Wall Mount: ST-WM2 / ST-WM2B Junction Box: ST-JB2 / ST-JB2B		Junction Box: ST-JBMB / ST-JB4		Wall Mount: ST-WM1
PRICE	\$165.76	\$165.76	\$165.76	\$165.76	\$165.76	\$162.40



IP CAMERAS

24/7 COLOR - EVEN IN THE DARK

- ▶ Capture details in low light or total darkness.
- ▶ Object placement/removal
- ▶ Intrusion/Face detection
- ▶ Built in Mic



IP Network Cameras - 4MP & 6MP Fixed Lens - 24/7 Color

Models	ST-IP4FTD-CNV, ST-IP4FTD-CNV-2.8	ST-IP4FTD-CNV-8, ST-IP4FTD-CNV-2.8B	ST-IP4FB-CNV, ST-IP4FB-CNV-2.8	ST-IP6PVT-CNV-2.8
Megapixels	4MP	4MP	4MP	6MP
Max. Image Resolution	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	3632 × 1632 @ 20fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 8 Mbps Audio: 8 - 320 Kbps	Video: 32 Kbps - 8 Mbps Audio: 8 - 320 Kbps	Video: 32 Kbps - 8 Mbps	Video: 32 Kbps - 8 Mbps Audio: 8 - 320 Kbps
Image Sensor	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	2 × 1/2.5" Progressive Scan CMOS
Lens Options	2.8mm / 4mm	2.8mm / 4mm	4mm	2.8 mm Fixed focal lens
Angle Adjustment	Pan: 0-360°, tilt: 0-75°, rotate: 0-360°	Pan: 0-60°, tilt: 0-75°, rotate: 0-360°	Pan: 0-360°, tilt: 0-90°, rotate: 0-360°	Pan: -30-30°, tilt: -75-75°
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Day & Night	24/7 color imaging / Auto Switch	24/7 color imaging / Auto Switch	24/7 color imaging / Auto Switch	24/7 color imaging
IR Range	White Light: Up to 131ft (40m)	Up to 98ft (30m)	White Light: Up to 131ft (40m)	Smart Supplement Light: Up to 98ft (30m)
WDR	120dB True WDR	130 dB True WDR	130 dB True WDR	130 dB True WDR
SMART Triggers	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Exception Alerts, Line Crossing, Intrusion, Region Entrance/Exit Detection (Human/Vehicle Classification), Scene Change Detection, Face Capture	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Exception Alerts, Line Crossing, Intrusion, Region Entrance/Exit Detection (Human/Vehicle Classification), Scene Change Detection, Face Capture	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Exception Alerts, Scene Change Detection, Face Capture, Line Crossing, Intrusion, Region Entrance/Exit Detection	Motion Detection (Human/Vehicle Classification), Alarm I/O, Flashing Light & Audible Alarm Outputs, Exception Alerts, Line Crossing, Intrusion, Region Entrance/Exit Detection (Human/Vehicle Classification), Scene Change Detection
Audio Input/Output	Built in Mic	Built-in Mic / 1 Input / 1 Output	N/A	Built-in Mic & Speaker / 1 Input / 1 Output
Local Storage	Built-in micro SD, up to 512 GB	Built-in micro SD, up to 512 GB	Built-in micro SD, up to 256 GB	Built-in micro SD, up to 256 GB
Protection Level	IP67	IP67	IP67	IP67
Compatible Integration	ONVIF: (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK			
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C). Humidity 95% or less (non-condensing)			
Power Supply	12 VDC, PoE (802.3af), Power supply not included			
Power Consumption	7.2 W Max (12 VDC) / 9 W Max (PoE, IEEE 802.3af Class 3)	6.5 W Max (12 VDC) / 8 W Max (PoE, IEEE 802.3af Class 3)	8.5 W Max (12 VDC) / 10.5 W Max (PoE, IEEE 802.3af)	10.5 W Max (12 VDC) / 12.5 W Max (PoE, IEEE 802.3af Class 3)
Dimensions: in. (mm)	5 × 3.8" (127.3 × 96.3mm)	5.4 × 4.5" (138.3 × 115.4mm)	4.1 × 11.4" (105 × 289.5mm)	5.5 × 5.7" (140 × 145.6mm)
Weight: lbs. (kg)	1.2 lbs (0.55 kg)	1.7 lbs (0.76 kg)	2.4 lbs (1.17 kg)	2.0 lbs (0.92 kg)
Optional Brackets	Wall Mount: ST-WM2 / ST-WM2B Junction Box: ST-JB2	Wall Mount: ST-WM3 / ST-WM3B / ST-WM4 / ST-WM4B Junction Box: ST-JB3	Junction Box: ST-JB4 / ST-JB5	Wall Mount: ST-WM4 / ST-WM4B Junction Box: ST-JB3
PRICE	\$211.68	\$211.68	\$256.48	\$222.88

LITE Series IP CAMERAS

- Simple SMART Triggers
- Video tampering alarm
- Motion detection



IP Network Cameras - 4MP Fixed Lens - Lite Series

Models	ST-IP4FD-LS-2.8, ST-IP4FD-LS-4,	ST-IP4FD-LS-6	ST-IP4FTD-LS-2.8, ST-IP4FTD-LS-4	ST-IP4FB-LS-2.8, ST-IP4FB-LS-4, ST-IP4FB-LS-6
Megapixels	4MP	4MP	4MP	4MP
Max. Image Resolution	2560 x 1440 @ 20fps	2560 x 1440 @ 20fps	2560 x 1440 @ 20fps	2560 x 1440 @ 20fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 16 Mbps Audio: 16 Kbps - 160 Kbps	Video: 32 Kbps - 8 Mbps	Video: 32 Kbps - 8 Mbps Audio: 16 Kbps - 160 Kbps	Video: 32 Kbps - 16 Mbps Audio: 16 Kbps - 160 Kbps
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Lens Options	2.8mm / 4mm	6mm	2.8mm / 4mm	2.8mm / 4mm / 6mm
Angle Adjustment	Pan: 0-355°, tilt: 0-75°	Pan: 0-355°, tilt: 0-75°	Pan: 0-360°, tilt: 0-75°, rotate: 0-360°	Pan: 0-360°, tilt: 0-180°, rotate: 0-360°
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter
IR Range	Up to 98ft (30m)	Up to 98ft (30m)	Up to 98ft (30m)	Up to 98ft (30m)
WDR	120dB	120dB	120dB	120dB
SMART Triggers	Basic Event: Motion detection, video tampering, illegal login			
Audio Input/Output	Built in Mic	N/A	Built in Mic	Built in Mic
Local Storage	Built-in micro SD, up to 256 GB	N/A	Built-in micro SD, up to 256 GB	Built-in micro SD, up to 256 GB
Protection Level	IP67 / IK10	IP67 / IK10	IP67	IP67
Compatible Integration	ONVIF / ISAPI			
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C). Humidity 95% or less (non-condensing)			
Power Supply	12 VDC, PoE (802.3af), Power supply not included			
Power Consumption	5 W Max (12 VDC) / 6.5 W Max (PoE, IEEE 802.3af)			
Dimensions: in. (mm)	4.72 x 3.63" (120 x 92.2mm)	4.4 x 3.2" (111 x 82.4 mm)	4.3 x 3.4" (110 x 85.3mm)	7 x 2.6 x 2.7" (177.6 x 66.2 x 67.8mm)
Weight: lbs. (kg)	1.0lb (0.44kg)	0.8 lbs (0.36 kg)	0.7 lbs (0.32 kg)	0.6 lbs (0.27kg)
Optional Brackets	Wall Mount: ST-WM1 / ST-WM1B Junction Box: ST-JB1 /	Junction Box: ST-JB1 / Wall Mount: ST-WM1 / ST-WM1B	Junction Box: ST-JB2 / ST-JB2B / Wall Mount: ST-WM2 / ST-WM2B	Junction Box: ST-JBMB / ST-JB4
PRICE	\$120.96	\$120.96	\$120.96	\$120.96



IP Network Cameras - 8MP Fixed Lens

Models	ST-IP8FD-2.8, ST-IP8FD	ST-IP8FTD-2.8, ST-IP8FTD, ST-IP8FTD-2.8-BLK, ST-IP8FTD-BLK	ST-IP8FB-2.8, ST-IP8FB	ST-IP8FBL-2.8, ST-IP8FBL
Megapixels	8MP	8MP	8MP	8MP
Max. Image Resolution	4K: 3840 x 2160 @20 fps	4K: 3840 x 2160 @20 fps	4K: 3840 x 2160 @20 fps	4K: 3840 x 2160 @20 fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 16 Mbps Audio: 8 Kbps - 320 Kbps	Video: 32 Kbps - 16 Mbps Audio: 8 Kbps - 320 Kbps	Video: 32 Kbps - 16 Mbps	Video: 32 Kbps - 16 Mbps
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens Options	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm
Angle Adjustment	Pan: 0-355°, Tilt: 0-75°, Rotate: 0-355°	Pan: 0-360°, Tilt: 0-75°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 98ft (30m)	Up to 98ft (30m)	Up to 131ft (40m)	Up to 197ft (60m)
WDR	120dB	120dB	120dB	120dB
SMART Triggers	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Face Detection, Line Crossing Detection, Intrusion Detection (Human/Vehicle Classification)			
Audio Input/Output	1 Input / 1 Output	Built-in Mic	N/A	N/A
Local Storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 256 GB
Protection Level	IP67, IK10	IP67	IP67	IP67
Compatible Integration	ONVIF (Profile S, Profile G), ISAPI, SDK			
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity 95% or less (non-condensing)			
Power Supply	12 VDC, PoE (802.3af), Power supply not included			
Power Consumption	6 W Max (12 VDC) / 7.5 W Max (PoE, IEEE 802.3af)	6 W Max (12 VDC) / 7.5 W Max (PoE, IEEE 802.3af)	6 W Max (12 VDC) / 7.2 W Max (PoE, IEEE 802.3af)	8.0 W Max (12 VDC) / 9.0 W Max (PoE, IEEE 802.3af)
Dimensions: in. (mm)	4.4 x 3.3" (110.8 x 84.7mm)	5.0 x 3.8" (127.3 x 95.9mm)	2.8 x 6.4" (70 x 161.7mm)	4.1" x 11.8" (105mm x 299.7mm)
Weight: lbs. (kg)	1.1 lbs (0.520kg)	1.3 lbs (0.6kg)	1.1 lbs (0.495kg)	2.4 lbs (1.09kg)
Optional Brackets	Junction Box: ST-JB1 Wall Mount: ST-WM1 / ST-WM1B	Junction Box: ST-JB2 / ST-JB2B ST-WM2 / ST-WM2B	Junction Box: ST-JBMB / ST-JB4	Junction Box: ST-JB5 ST-PTZPMPs / ST-PTZCRMS
PRICE	\$189.28	\$201.48	\$189.28	\$200.48

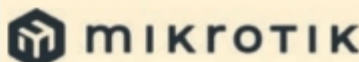


IP Network Cameras - 8MP Fixed Lens - 24/7 Color

Models	ST-IP8FB-CNV, ST-IP8FB-CNV-2.8	ST-IP8FTD-CNV-2.8	ST-IP8PVT-CNV-4
Megapixels	8MP	8MP	8MP
Max. Image Resolution	3840 × 2160 @ 25 fps	3840 × 2160 @ 25fps	5120 × 1440 @ 20 fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG		
Bit Rate	Video: 32 Kbps - 16 Mbps	Video: 32 Kbps - 16 Mbps Audio: 8 - 320 Kbps	Video: 32 Kbps - 16 Mbps Audio: 8 Kbps - 320 Kbps
Image Sensor	1/1.2" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	2 × 1/1.8" Progressive Scan CMOS
Lens Options	2.8mm/4mm	2.8mm	Dual 4 mm
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: -75° to 75°
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0008 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Day & Night	24/7 color imaging	IR & Smart Supplement Light / Auto Switch	24/7 color imaging
IR Range	Up to 196' (60 m)	White Light: Up to 131ft (40m)	Up to 98' (30m)
WDR	130 dB	130 dB	130 dB
SMART Triggers	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Exception Alerts (Network Disconnect, IP Conflict, Illegal Login, HDD Full/Error), Face Capture, Line Crossing, Intrusion, Region Entrance/Exit Detection (Human/Vehicle Classification), Scene Change Detection	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Exception Alerts, Line Crossing, Intrusion, Region Entrance/Exit Detection (Human/Vehicle Classification), Scene Change Detection, Face Capture	Motion Detection (Human/Vehicle Classification), Alarm I/O, Flashing Light & Audible Alarm Outputs, Exception Alerts, Scene Change Detection, Line Crossing, Intrusion, Region Entrance/Exit Detection (Human/Vehicle Classification)
Audio Input/Output	Built-in Mic & Speaker / 1 Input / 1 Output	Built-in Mic	Built-in Mic & Speaker / 1 Input / 1 Output
Local Storage	Built-in MicroSD Card Slot, Up to 512 GB	Built-in MicroSD Card Slot, Up to 512 GB	Built-in MicroSD Card Slot, Up to 256 GB
Protection Level	IP67	IP67	IP67
Compatible Integration	ONVIF: (Profile S, Profile G, Profile T), ISAPI, SDK	ONVIF: (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP	ONVIF: (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
Working Temp.	-22 - 140°F (-30 - 60°C) Humidity 95% or less (non-condensing)		
Power Supply	12 VDC, PoE (802.3af), Power supply not included		
Power Consumption	11.5 W Max (12 VDC) / 12 W Max (PoE, IEEE 802.3af)	6.5 W Max (12 VDC) / 8 W Max (PoE, IEEE 802.3af Class 3)	9.5 W Max (12 VDC) / 10.5 W Max (PoE, IEEE 802.3af)
Dimensions: in. (mm)	11.4" × 3.7" × 3.6" (289.9 mm × 93.5 mm × 91.2 mm)	5.4" × 4.5" (138.3 mm × 115.4 mm)	6.1" × 6.1" (155 mm × 155.3 mm)
Weight: lbs. (kg)	2.6 lbs (1.3 kg)	1.7 lbs (0.77 kg)	2.4 lbs (1.1 kg)
Optional Brackets	Junction Box: ST-JB4 / ST-JB5	Junction Box: ST-JB3 / Wall Mount: ST-WM4 / ST-WM4B	Wall Mount: ST-WM6 / ST-WM6B / Junction Box: ST-JB7
PRICE	\$256.48	\$268.80	\$267.68

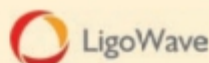
Build a Complete Security Network

A reliable network is critical to IP video surveillance. NACE offers MikroTik and LigoWave networking solutions to complement SecurityTronix cameras and recorders.



MikroTik Networking

MikroTik networking solutions—including routers, PoE switches, wireless access points, and fiber products—provide reliable connectivity and enterprise-class performance for SecurityTronix IP surveillance systems.



LigoWave Wireless Links

LigoWave wireless bridges provide reliable point-to-point and point-to-multi-point connectivity for surveillance cameras in locations where cabling is impractical.



Complete Solutions from NACE

Build a scalable, high-performance surveillance network with SecurityTronix, MikroTik, and LigoWave solutions. NACE provides the products and expertise to support your installation from start to finish.

See our full Networking Solutions section for more information - Pages 105 - 124

LITE Series



IP Network Cameras - 4MP Varifocal Lens - Motorized Zoom - Lite Series

Models	ST-IP4VFD-MZ-LS	ST-IP4VFD-MZ-LS	ST-IP4VFB-MZ-LS
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2560 x 1440 @ 20fps		
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG		
Bit Rate	Video: 32 Kbps - 8 Mbps / Audio: 16 Kbps - 160 Kbps		
Image Sensor	1/3" progressive scan CMOS		
Lens	2.8 - 12mm Motorized		
Angle Adjustment	Pan: 0-355°, tilt: 0-70°, rotate: 0-355°	Pan: 0-355°, tilt: 0-70°, rotate: 0-355°	Pan: 0-360°, tilt: 0-90°, rotate: 0-360°
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR		
Day & Night	IR cut filter	IR cut filter	IR cut filter
IR Range	Up to 98ft (30m)	Up to 98ft (30m)	Up to 164ft (50m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Motion detection, video tampering, illegal login		
Audio Input/Output	1 Input / 1 Output		
Local Storage	Built-in micro SD, up to 256 GB	Built-in micro SD, up to 256 GB	Built-in micro SD, up to 256 GB
Protection Level	IP67, IK10	IP67	IP67
Compatible Integration	ONVIF, ISAPI		
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity 95% or less (non-condensing)		
Power Supply	12 VDC, PoE (802.3af), Power supply not included		
Power Consumption	10 W Max (12 VDC) / 11.5 W Max (PoE, IEEE 802.3af Class 3)	9 W Max (12 VDC) / 10 W Max (PoE, IEEE 802.3af Class 3)	11 W Max (12 VDC) / 12.9 W Max (PoE, IEEE 802.3af Class 3)
Dimensions: in. (mm)	5.5 x 3.9" (141 x 99.9mm)	5.1 x 4.6" (129.4 x 116.4mm)	4.1 x 9.6" (105 x 244.4mm)
Weight: lbs. (kg)	1.8 lbs (0.82 kg)	1.2 lbs (0.56 kg)	2.3 lbs (1.04 kg)
Optional Brackets	Junction Box: ST-JB3 Wall Mount: ST-WM3 / ST-WM3B	Junction Box: ST-JB2 Wall Mount: ST-WM2 / ST-WM2B	Junction Box: ST-JB4 / ST-JB5
Price	\$211.68	\$211.68	\$211.68



IP Network Cameras - 4MP Varifocal Lens - Motorized Zoom

Models	ST-IP4VFD-MZ, ST-IP4VFD-MZ-BLK	ST-IP4VFD-MZ	ST-IP4VFB-MZ
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520 @ 30fps	2688 x 1520 @ 30fps	2688 x 1520 @ 30fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 16 Mbps / Audio: 8 Kbps - 320 Kbps	Video: 32 Kbps to 8 Mbps / Audio: 8 Kbps - 320 Kbps	Video: 32 Kbps to 8 Mbps / Audio: 8 Kbps - 320 Kbps
Image Sensor	1/3" Progressive Scan CMOS		
Lens	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized
Angle Adjustment	Pan: 0-355°, Tilt: 0-75°, Rotate: 0-355°	Pan: 0-360°, Tilt: 0-75°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-90°, Rotate: 0-360°
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR		
Day & Night	Yes (IR cut filter with auto switch)		
IR Range	Up to 131ft (40m)	Up to 131ft (40m)	Up to 196ft (60m)
WDR	120dB	120dB	120dB
SMART Triggers	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Face Detection, Line Crossing Detection, Intrusion Detection (Human/Vehicle Classification)	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Face Detection, Line Crossing Detection, Intrusion Detection	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Face Detection, Line Crossing Detection, Intrusion Detection
Audio Input/Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output
Local Storage	Built-in Micro SD card slot, up to 512 GB	Built-in micro SD, up to 512 GB	Built-in micro SD, up to 512 GB
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10
Compatible Integration	ONVIF (Profile S, Profile G), ISAPI, SDK		
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity 95% or less (non-condensing)		
Power Supply	12 VDC, PoE (802.3af), Power supply not included		
Power Consumption	10.5 W Max (12 VDC) / 12.5 W Max (PoE, IEEE 802.3af)	11 W Max (12 VDC) / 12.5 W Max (PoE, IEEE 802.3af)	13 W Max (12 VDC) / 15 W Max (PoE, IEEE 802.3af Class 4)
Dimensions: in. (mm)	6.3 x 4.4" (153.3 x 111.6mm)	5.4 x 5.0" (138.3 x 126mm)	12.2 x 3.9 x 3.7" (308.5 x 97.9 x 93 mm)
Weight: lbs. (kg)	1.9 lbs (0.88 kg)	1.8 lbs (0.83 kg)	3.1 lbs (1.39 kg)
Optional Brackets	Junction Box: ST-JB7 Wall Mount: ST-WM5 / ST-WM6B	Junction Box: ST-JB3 Wall Mount: ST-WM4 / ST-WM4B	Junction Box included
Price	\$379.68	\$334.88	\$402.08


IP Network Cameras - 6MP & 8MP Varifocal Lens - Motorized Zoom

Models	ST-IP6VFTD-MZ	ST-IP6VFD-MZ	ST-IP6VFTD-MZ	ST-IP6VFB-MZ
Megapixels	6MP	8MP	8MP	8MP
Max. Image Resolution	3200 × 1800 @ 20 fps	4K: 3840 × 2160 @ 20fps	4K: 3840 × 2160 @ 20 fps	4K: 3840 × 2160 @ 20fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 16 Mbps / Audio: 8 Kbps - 320 Kbps			
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized
Angle Adjustment	Pan: 0-360°, tilt: 0-75°, rotate: 0-360°	Pan: 0-55°, tilt: 0-75°, rotate: 0-355°	Pan: 0-355°, tilt: 0-75°, rotate: 0-355°	Pan: 0-355°, tilt: 0-90°, rotate: 0-355°
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR			
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 131' (40m)	Up to 131' (40m)	Up to 131' (40m)	Up to 196 ft (60 m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Motion Detection (Human/Vehicle Classification), Video Tampering Alarm, Exception Alerts, Face Detection, Line Crossing Detection, Intrusion Detection (Human/Vehicle Classification)			
Audio Input/Output	1 Input / 1 Output			
Local Storage	Built-in micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512GB	Built-in Micro SD card slot, up to 512GB	Built-in Micro SD card slot, up to 512GB
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Compatible Integration	ONVIF: (Profile S, Profile G), iSAPI, SDK			
Working Temp.	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC, PoE (802.3af), Power supply not included			
Power Consumption	11.04 W Max (12 VDC) / 12.5 W Max (PoE, IEEE 802.3af)	10.5 W Max (12 VDC) / 12.5 W Max (PoE, IEEE 802.3af)	11.04 W Max (12 VDC) / 12.5 W Max (PoE, IEEE 802.3af)	13 W Max (12 VDC) / 15 W Max (PoE, IEEE 802.3af)
Dimensions: in. (mm)	8.5 × 4.8 × 4.6" (215 × 121 × 118 mm)	6.1 × 4.4" (153.3 × 111.6 mm)	5.5 × 5.0" (138.3 × 126 mm)	12.2 × 3.9 × 3.7" (308.5 × 97.9 × 93mm)
Weight: lbs. (kg)	1.8 lbs (0.83 kg)	1.9 lbs (0.86 kg)	1.8 lbs (0.83 kg)	3.1 lbs (1.4 kg)
Optional Brackets	Wall Mount: ST-WM4 / ST-WM4B	Wall Mount: ST-WM6 / ST-WM6B Junction Box: ST-JB7	Wall Mount: ST-WM4 / ST-WM4B Junction Box: ST-JB3 /	Junction Box: ST-JB5 PTZ Mount: ST-PTZPMPS / ST-PTZCRMS
Price	\$301.28	\$458.08	\$458.08	\$458.08


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IP Network Cameras - 2MP & 4MP License Plate Recognition Camera (LPR)/ 6MP Fisheye

Models	ST-IP2VFB-LPR	ST-IP4VFB-LPR	ST-IP6FE
Megapixels	2MP	4MP	6MP
Max. Image Resolution	1920 × 1080 @ 30fps	2688 × 1520 @ 30 fps	3072 × 2048 @ 30 fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 8 Mbps	Video: 32 Kbps - 8 Mbps	Video: 32 Kbps - 16 Mbps
Image sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Lens - Optical/Digital Zoom	2.8 - 12mm Motorized	2.8 - 12mm Motorized	1.27 mm
PTZ functions	N/A	N/A	N/A
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0047 Lux @ (F2.5, AGC ON); B/W: 0.0047 Lux @ (F2.5, AGC ON), 0 Lux with IR
Day & Night	IR cut filter Blue glass module to reduce ghost phenomenon	IR cut filter Blue glass module to reduce ghost phenomenon	IR Cut Filter
IR Range	Up to 164' (50m)	Up to 164' (50m)	Up to 15 m IR range, 3 LEDs. Each LED is independently controlled.
WDR	140 dB	140 dB	Digital WDR
Alarm Input/Output	2 input, 2 outputs (max. 24 VDC, 1A)	2 input, 2 outputs (max. 24 VDC, 1A)	1-ch alarm input, 12V max; 1-ch alarm output, 24VDC max, 1A
SMART Triggers	Motion Detection, Video Tampering Alarm, Exception Alerts, Video Quality Diagnosis, Vibration Detection, Line Crossing, Intrusion, Region Entrance/Exit Detection, Scene Change Detection, Audio Exception Detection, Defocus Detection, Human/Vehicle Classification, License Plate Recognition, Blocklist/Allowlist (10,000 Records), Motorcycle LPR, Vehicle Attribute Detection, No-Plate Vehicle Capture	Motion Detection, Video Tampering Alarm, Exception Alerts, Video Quality Diagnosis, Vibration Detection, Line Crossing, Intrusion, Region Entrance/Exit Detection, Scene Change Detection, Audio Exception Detection, Defocus Detection, Human/Vehicle Classification, License Plate Recognition, Blocklist/Allowlist (10,000 Records), Motorcycle LPR, Vehicle Attribute Detection, No-Plate Vehicle Capture	Line Crossing, Intrusion, Region Entrance/Exit Detection, Unattended Baggage, Object Removal, Audio Exception Detection, Intersection Analysis, Heat Map, People Counting, ROI
Audio Input/Output	1 input (line in), 1 output (line out), 3.5 mm connector / Mono	1 input (line in), 1 output (line out), 3.5 mm connector / Mono	2 built-in microphones, 1 built-in speaker, mono sound 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm)
Local Storage	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 1 TB	Built-in Micro SD card slot, up to 256 GB
Protection Level	IP67, IK10	IP67, IK10	IP67, IK8
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP	ONVIF: ONVIF (Profile S, Profile G), ISAPI
Working Temp.	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	12 VDC, PoE (802.3at) Power supply not included	12 VDC, PoE (802.3at) Power supply not included	12 VDC, PoE (802.3at) Power supply not included
Power Consumption	14.28 W Max (12 VDC) / 16.8 W Max (PoE, IEEE 802.3at Type 2 Class 4)	14.28 W Max (12 VDC) / 16.8 W Max (PoE, IEEE 802.3at Type 2 Class 4)	12.5 W Max (12 VDC) / 15 W Max (PoE, IEEE 802.3at)
Dimensions: in. (mm)	5.7 × 13.7" (144 × 347mm)	5.7 × 13.7" (144 × 347mm)	6.6 × 6 × 2.2" (167.4 × 152.8 × 55 mm)
Weight: lbs. (kg/g)	4.2 lbs (1.95 kg)	4.2 lbs (1.95 kg)	3.09 lbs (1.4 kg)
Optional Brackets	Junction Box Included	Junction Box Included	ST-IP6FE-ICM
Optional Controller	N/A	N/A	N/A
Price	\$894.88	\$928.48	\$782.88



Mini PTZ



IP Network Cameras - 4MP PTZ (Pan, Tilt, Zoom)

Models	ST-IP4PTZ-4X	ST-IP4PTZ-25X	ST-IP4PTZ-DL-25X
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2560 x 1440 @ 30fps	2560 x 1440 @ 30fps	2560 x 1440 @ 30fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	Video: 32 Kbps - 16 Mbps / Audio: 16 Kbps - 192 Kbps		
Image sensor	1/2.8" Progressive Scan CMOS	1/2.8" progressive scan CMOS	Fixed: 1/3" Progressive Scan CMOS; PTZ: 1/2.8" progressive scan CMOS
Lens - Optical/Digital Zoom	2.8 - 12mm Varifocal, 4X Optical, 16X Digital	4.8 mm to 120 mm Varifocal, 25X Optical / 16X Digital	Fixed: 2.8 mm; PTZ: 4.8 to 120 mm, 25X optical / 16X digital
PTZ functions	Pan: 0-355°, Tilt: 0-90°, Presets: 300	Pan: 360°, Tilt: -15-90°, Presets: 300	Pan: 360°, Tilt: -15-90°, Presets: 300
Min. Illumination	Color: 0.005 Lux @ (F1.5, AGC ON); B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON); B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR	Fixed: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; PTZ: Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 65' (20m)	Up to 328' (100m)	Fixed: Supplemental Light - Up to 98' (30m) / PTZ: IR Up to 328' (100 m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR
Alarm Input/Output	N/A	1/1	1/1
SMART Triggers	Motion Detection, Video Tampering Alarm, Exception Alerts, Face Detection, Line Crossing, Intrusion, Region Entrance/Exit Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Motion Detection, Video Tampering Alarm, Exception Alerts, Face Detection, Line Crossing, Intrusion, Region Entrance/Exit Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Motion Detection, Video Tampering Alarm, Exception Alerts, Face Detection, Face Capture (PTZ Only), Line Crossing, Intrusion, Region Entrance/Exit Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Audio Input/Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output
Local Storage	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 256 GB
Protection Level	IP66, IK10	IP66	IP66
Compatible Integration	ONVIF: (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP		
Working Temp.	-4 - 140°F (-20 - 60°C)	-22°F to 149°F (-30°C to 65°C)	-22°F to 149°F (-30°C to 65°C)
Power Supply	12 VDC Power supply included, PoE (802.3af)	12 VDC Power supply included, PoE (802.3af)	12VDC, PoE+, Power supply not included
Power Consumption	9.2W Max	12 VDC, max. 18 W, including max. 1.6 W for heater and 9 W for IR PoE (802.3af)	Max. 24 W, including max. 2.6 W for heater and max. 11 W for supplement light
Dimensions: in. (mm)	5.15" x 4.00" (130.7mm x 101.7mm)	6.48" x 11.42" (164.5mm x 290mm)	6.5" x 14.7" (166mm x 375mm)
Weight: lbs. (kg)	1.17 lbs (0.53 kg)	4.41 lbs (2 kg)	13.2 lbs (2.4 kg)
Optional Brackets	PTZ Mount: ST-IP4PTZ-4X-WMB	PTZ Mount: ST-PTZCML / ST-PTZCMS / ST-PTZCRML / ST-PTZCRMS / ST-PTZPML / ST-PTZPMS / ST-PTZWML / ST-PTZWMS / ST-PTZBPW / ST-PTZPMS-KIT	PTZ Mount: ST-PTZCML / ST-PTZCMS / ST-PTZCRML / ST-PTZCRMS / ST-PTZPML / ST-PTZPMS / ST-PTZWML / ST-PTZWMS / ST-PTZBPW / ST-PTZPMS-KIT
Optional Controller	ST-USB-KB	ST-USB-KB	ST-USB-KB
Price	\$323.68	\$700.00	\$676.00

Are You Securing Your Customers' Valuable Video Files?

ULTIMATE^{PRO} NVR SERIES

64 Channel Enterprise Grade NVR with RAID

RAID - (Redundant Array of Independent Disks) configure your hard drives in various ways to preserve data in the event there is HDD failure. Information can be copied across all drives, basically duplicating the contents of one drive to another drive making a backup of the original disk at all times.

Ideal for applications where uninterrupted video recording and data protection are essential, this enterprise-class standalone NVR supports up to 64 IP cameras and features built-in RAID (Redundant Array of Independent Disks) to safeguard critical video recordings. Multiple RAID configurations provide data redundancy, helping ensure recorded footage remains protected even in the event of a hard drive failure.

Advanced features include Video Content Analytics (VCA), intelligent search and playback, Dual-OS architecture for enhanced system reliability, and Automatic Network Replenishment (ANR). During network interruptions, ANR temporarily stores video on the camera's SD card and automatically synchronizes the missing recordings back to the NVR once the connection is restored.

The recorder supports up to eight 10TB hard drives, includes a dedicated eSATA interface for expanded storage, and features hot-swappable drive bays for replacing drives without interrupting system operation. Compatible with a wide range of third-party IP cameras, the NVR is housed in a 19-inch, 2U rack-mount chassis, making it an ideal solution for enterprise, commercial, and other mission-critical surveillance applications.

- 64CH NVR with RAID
- Supports IP video and recording up to 12MP

- Two-way audio
- 320 Mbps recording bandwidth

- 8 SATA HDD, 10TB
- 1 External eSATA
- 16 Alarm in 4 out

Model No. ST-NVR64 \$ 2,077.60

128 Channel Enterprise Grade NVR with RAID

Ideal for applications where continuous video recording and data protection are essential, this enterprise-class standalone NVR supports up to 128 IP cameras and features built-in RAID (Redundant Array of Independent Disks) to help protect critical video recordings in the event of a hard drive failure.

RAID configurations provide data redundancy by mirroring or distributing recordings across multiple drives, helping preserve footage if a drive fails while also improving system performance with optimized read/write speeds. Our 24/7/365 U.S.-based technical support team is available to help configure the best RAID solution for your application.

The recorder supports up to sixteen 10TB SATA hard drives, includes a dedicated eSATA interface for expanded storage, and features hot-swappable drive bays for replacing drives without shutting down the system. Additional features include third-party IP camera compatibility and a redundant power supply for enhanced reliability, making it an excellent choice for enterprise and other mission-critical surveillance installations.

- 128CH NVR with RAID
- Supports IP video and recording up to 12MP

- Supports H.265, H.265+, H.264, H.264+, MPEG4, MJPEG compression

- Up to 16 SATA HDD, 10TB per HDD bay, 1 x eSATA interface
- 16 Alarm in 8 output

Model No. ST-NVR-128 \$ 3,762.08



ST-EZ4

ST-EZ8

ST-EZ16

ST-EZ32

ST-NVR64

ST-NVR-128

Network Video Recorders (NVR)

Models	ST-EZ4	ST-EZ8 / ST-EZ16	ST-EZ32	ST-NVR64	ST-NVR-128
Description	4ch Video Input	8ch /16ch Video Input	32ch Video Input	64ch Video Input	128ch Video Input
PoE Interface	4 Port 10/100 PoE < 40 W, IEEE 802.3 af/at	8 Port 10/100 PoE < 120W/ 16 Port 10/100 PoE < 200W IEEE 802.3 af/at	16 Port 10/100 PoE < 200W IEEE 802.3 af/at	N/A	N/A
Decoding	H.265/H.264/H.264+	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Recording Resolution	Max 8MP	Max 8MP	Max 12MP	Max 12MP	Max 12MP
Hard Disk Drive Storage	1 SATA interface up to 10TB	2 SATA interfaces up to 10TB, Max 20TB	4 SATA interfaces up to 10TB, Max 40TB, 1 External eSATA	8 SATA interfaces up to 10TB, Max 80TB (Hot Swappable), 1 External eSATA	16 SATA interfaces up to 10TB, Max 160TB (Hot Swappable), 1 External eSATA
RAID Array Type	N/A	N/A	N/A	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10
Video Output	HDMI/VGA (HDMI Video output at up to 4K (3840 x 2160) resolution)	HDMI/VGA (HDMI Video output at up to 4K (3840 x 2160) resolution)	HDMI/VGA (HDMI Video output at up to 4K (3840 x 2160) resolution)	2 HDMI/2 VGA (HDMI Video output at up to 4K (3840 x 2160) resolution)	2 Independent HDMI/1 VGA (HDMI Video output at up to 4K (3840 x 2160) resolution)
Audio Input/Output	Two-way audio - 1ch, RCA	Two-way audio - 1ch, RCA	Two-way audio - 1ch, RCA	2 ch, RCA Two way audio	1 ch, RCA Two way audio
External Interface	1 - 10/100 RJ-45, 2 USB 2.0	1 - 10/100/1000 RJ-45, 2 USB 2.0	1 - 10/100/1000 RJ-45, 2 USB 2.0, 1 USB 3.0, RS-485, RS-232	2 - 10/100/1000 RJ-45, RS-485, RS-232	4 - 10/100/1000 RJ-45, 2 USB 2.0, 2 USB 3.0, RS-485
Alarm Input / Output	N/A	N/A	16 in, 4 out	16 in, 4 out	16 in, 8 out
Smart Functions	Video Content Analytics (VCA), Smart search, Instant playback, HDD Quotas	Video Content Analytics (VCA), Smart search, Instant playback, HDD Quotas	Video Content Analytics (VCA), Smart search, Instant playback, HDD Quotas, POS triggers, POS overlay	Video Content Analytics (VCA), Smart search, POS overlay, POS triggers	Video Content Analytics (VCA) - people counting, face detection, behavior analysis, and more provides configurable intelligent recording options
Network Protocols	TCP/IP, UDP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP*, HTTPS, ONVIF	TCP/IP, UDP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP*, HTTPS, ONVIF	TCP/IP, UDP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, UDP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, UDP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Working Temperature	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	32 - 122°F (0 - +55°C)
Power Supply	48 VDC Power supply included	48 VDC (ST-EZ8) 100 to 240 VAC (ST-EZ16) Power supply included	100 to 240 VAC Power supply included	100 to 240 VAC Power supply included	100 to 240 VAC Power supply included
Max Power	< 65W	< 180W / < 280W	< 300W	< 300W	< 550W
Chassis	1U	1U	1.5U	2U	3U
Dimensions: in. (mm)	9.4 x 12.4 x 1.9" (240 x 315 x 48 mm)	12.4 x 15.2 x 2" (315 x 386 x 51 mm)	15.3 x 17.5 x 2.8" (388 x 444 x 71 mm)	18.5 x 17.5 x 3.5" (470 x 494 x 90 mm)	17.4 x 19.4 x 5.7" (442 x 494 x 146 mm)
Weight: lbs. (kg) without HDD	2.2 lbs (1 kg)	6.6 lbs (3 kg)	11 lbs (4.9 kg)	22 lbs (10 kg)	35.3 lbs (16 kg)
PRICE	\$189.28	\$301.28/\$446.88	\$834.40	\$2,077.60	\$3,762.08

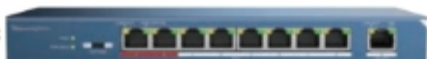
ST-POE4



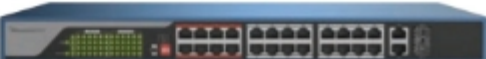
ST-POE16



ST-POE8



ST-POE24



Unmanaged PoE Switches

Models	ST-POE4	ST-POE8	ST-POE16	ST-POE24
Network Port	5	9	18	26
PoE Port	4 - RJ45 (10/100Mbps)	8 - RJ45 (10/100Mbps)	16 - RJ45 (10/100Mbps)	24 - RJ45 (10/100Mbps)
Uplink Port	1 - 100Mbps Ethernet Port	1 - 100Mbps Ethernet Port	2 - Gigabit Combo RJ45/SFP Ports	2 - Gigabit Combo RJ45/SFP Ports
Transmission Distance	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet
PoE Standard	IEEE 802.3 af/at	IEEE 802.3 af/at	IEEE 802.3 af/at	IEEE 802.3 af/at
PoE Max Power Budget	58W	123W	230W	370W
Form Factor	Desktop	Desktop	Desktop or Rack mountable	Desktop or Rack mountable
Operating Temperature	32 - 104°F (0 - 40°C)	32 - 104°F (0 - 40°C)	32 - 104°F (0 - 40°C)	32 - 104°F (0 - 40°C)
Power Supply	51 VDC, 1.25A, Power supply included	51 VDC, 2.5A, Power supply included	100 to 240 VAC, Power supply included	100 to 240 VAC Power supply included
Power Consumption	<63W	<127W	<250W	<440W
Dimensions: in. (mm)	5.2 x 3.67 x 1.1" (132 x 93.3 x 27.6 mm)	4.25 x 9.26 x 1.1" (107.9 x 235.22 x 27.9 mm)	11.3 x 17.5 x 1.75" (287.02 x 444.5 x 44.4 mm)	11.22 x 17.32 x 1.7" (284.98 x 439.92 x 43.18 mm)
Weight: lbs. (kg/g)	.66 lbs (299 g)	1.24 lbs (562 g)	8.13 lbs (3.68 kg)	9.46 lbs (4.29 kg)
Price	\$99.68	\$192.64	\$379.68	\$453.60



NDA Unmanaged PoE Switches

Models	ST-GPOE24
Network Port	26
PoE Port	24 - RJ45 (10/100/1000Mbps)
Uplink Port	1 x 10/100/1000Mbps port (RJ45) 1 x Gigabit SFP 1 x Gigabit Combo
Transmission Distance	*Extended Transmission On: 820 feet Extended Transmission Off: 328 Feet*
PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Max Power Budget	370W total (Maximum PoE power for single port: 30W)
Form Factor	Desktop or Rack Mount
Operating Temperature	32 °F ~ 104 °F (0 °C ~ 40 °C)
Power Supply	AC 100V to 240V, 50/60Hz
Power Consumption	390W
Dimensions: in. (mm)	17.32 x 9.64 x 1.73" (440 x 244.8 x 44mm)
Weight: lbs. (kg/g)	6.57lbs (2.98kg)
Price	\$296.80

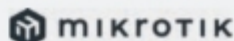
PoE Data and Power Injector

Power Over Ethernet Power Supply With
Power Injector, 48vdc, 500ma

Model No. ST-POE-48V-500MA \$26.88



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NACE distributes LigoWave®, delivering high-performance PTP and PTMP wireless links and rugged outdoor access points. Featuring the LigoDLB and Infinity Series, ideal for WISPs, surveillance, and industrial connectivity.

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section for more information
Pages 105-123**

HDoC 4in1CAMERAS

Upgrade existing analog systems without replacing your coaxial cable. Supporting TVI, AHD, CVI, and CVBS, these 4-in-1 HD cameras integrate easily into existing or new commercial and residential installations.

Using the same coaxial cable, connectors, and power as traditional analog cameras, they deliver high-definition image quality with simple installation—without the complexity or latency of IP systems.



HDoC 4 in 1 Cameras - 5MP Fixed Lens

Models	ST-HDC5FD-2.8, ST-HDC5FD	ST-HDC5FTD-2.8, ST-HDC5FTD	ST-HDC5FTDL-2.8	ST-HDC5FB-2.8, ST-HDC5FB
Image Sensor	5 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS
Max. Image Resolution	2560 × 1944 @20fps	2560 × 1944 @20fps	2560 × 1944 @20fps	2560 × 1944 @20fps
HD Video Output	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS
Lens Options	2.8mm/3.6mm	2.8mm/3.6mm	2.8mm	2.8mm/3.6mm
Angle Adjustment	Pan: 0-355°, Tilt: 0-75°, Rotate: 0-355°	Pan: 0-360°, Tilt: 0-75°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-75°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-180°, Rotate: 0-360°
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Smart IR Up to 65' (20m)	Smart IR Up to 98' (30m)	Smart IR Up to 131' (40m)	Smart IR Up to 98' (30m)
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Communication	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)
Protection Level	IP67, IK10	IP67	IP67	IP67
Working Temperature	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	12 VDC, Power supply not included	12 VDC, Power supply not included	12 VDC, Power supply not included	12 VDC, Power supply not included
Power Consumption	4.3W Max	4.3W Max	4.3W Max	4.3W Max
Dimensions: in. (mm)	4.4 × 3.3" (110.8 × 84.7mm)	3.25 × 3.54 × 3.12" (82.6 × 90 × 79.37mm)	4.33 × 3.67" (110 × 93.2mm)	2.39 × 2.28 × 5.47" (60.9 × 57.9 × 138.8mm)
Weight: lbs. (kg/g)	0.80 lbs (0.36 kg)	0.64 lbs (0.29 kg)	0.77 lbs (0.35 kg)	0.35 lbs (0.258 kg)
Optional Brackets	Wall Mount: ST-WM1 / ST-WM1B Junction Box: ST-JB1	Wall Mount: ST-WM5 Junction Box: ST-JBMB	Wall Mount: ST-WM5 Junction Box: ST-JBMB	Junction Box: ST-JBMB / ST-JB4
PRICE	\$77.28	\$66.08	\$58.24	\$66.08

CHROMA
SERIES

HDoC 4 in 1 CAMERAS

24/7 COLOR - EVEN IN THE DARK

- ▶ Capture details in low light or total darkness
- ▶ 4 in 1 video output (switchable TVI/AHD/CVI/CVBS).
- ▶ Control over Coax (CoC)
- ▶ IP67 weatherproof rated



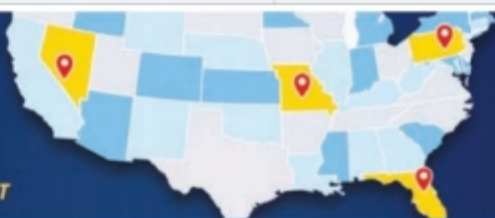
HDoC 4 in 1 Cameras - 5MP & 8MP Fixed Lens - 24/7 Color

Models	ST-HDC5FTD-CNV-2.8, ST-HDC5FTD-CNV	ST-HDC5FB-CNV-2.8, ST-HDC5FB-CNV	ST-HDC8FTD-CNV-2.8
Image Sensor	5MP Progressive Scan CMOS	5MP Progressive Scan CMOS	8MP Progressive Scan CMOS
Max. Image Resolution	2560 × 1944 @ 20fps	2560 × 1944 @ 20fps	4K: 3840 × 2160 @ 20fps
HD Video Output	1 HD analog output: TVI/CVI/AHD/CVBS (Switchable)		
Lens Options	2.8mm / 3.6mm	2.8mm / 3.6mm	2.8mm
Angle Adjustment	Pan: 0-360°, Tilt: 0-75°, Rotate: 0-360°	Pan: 0-360°, Tilt: 0-180°, Rotate: 0-360°	Pan: 0-60°, Tilt: 0-180°, Rotate: 0-360°
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light		
Day & Night	24/7 color imaging / Auto Switch	24/7 color imaging / Auto Switch	24/7 color imaging / Auto Switch
IR Range	White Light: Up to 65ft (20m)	White Light: Up to 131ft (40m)	White Light: Up to 131' (40m)
WDR	130 dB	130 dB	130dB
Communication	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)
Protection Level	IP67	IP67	IP67
Working Temperature	Working Environment: -40 - 140°F (-40 - 60°C). Humidity 95% or less (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C). Humidity 95% or less (non-condensing)	Working temperature: -40 - 130°F (-40 - 50°C)
Power Supply	12 VDC, Power Supply not included	12 VDC, Power Supply not included	12 VDC, Power supply not included
Power Consumption	3.5W Max	4.9W Max	5.1W Max
Dimensions: in. (mm)	4.99 x 3.52" (126.7 x 89.31mm)	3.25 x 3.04 x 8.68" (82.6 x 77.1 x 220.4mm)	7.65 x 3.07 x 2.93" (194.2 x 78 x 74.5mm)
Weight: lbs. (kg/g)	1.09 lbs (0.49 kg)	1.25 lbs (0.57 kg)	0.77 lbs (0.35 kg)
Optional Brackets	Wall Mount: ST-WM2 / ST-WM2B Junction Box: ST-JB2 / ST-JB2B	Junction Box: ST-JB4 / ST-JBMB	Wall Mount: ST-WM5 Junction Box: ST-JB4
PRICE	\$122.08	\$122.08	\$106.40

**4 LOCATIONS FOR FAST,
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SAME-DAY SHIPPING ON ORDERS RECEIVED BY 5 PM ET




HDoC 4 in 1 Cameras - 5MP & 8MP Varifocal Lens - Motorized Zoom

Models	ST-HDC5VFD-MZ	ST-HDC5VFTD-MZ	ST-HDC5VFB-MZ	ST-HDC8VFB-MZ
Image Sensor	5MP Progressive Scan CMOS	5MP Progressive Scan CMOS	5MP Progressive Scan CMOS	8.29MP Progressive scan CMOS
Video Frame Rate	2560 × 1944 @ 20fps	2560 × 1944 @ 20fps	2560 × 1944 @ 20fps	3840 × 2160 @ 15fps
HD Video Output	1 HD analog output: TV/CVBAHD/ CVBS (Switchable)	1 HD analog output: TV/CVBAHD/ CVBS (Switchable)	1 HD analog output: TV/CVBAHD/ CVBS (Switchable)	1 HD analog output: TV/CVBAHD/ CVBS (Switchable)
Lens	2.7mm to 13.5mm Motorized Varifocal Lens	2.7mm to 13.5mm Motorized Varifocal Lens	2.7mm to 13.5mm Motorized Varifocal Lens	2.7mm to 13.5mm Motorized Varifocal Lens
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR Cut Filter with auto switch)	Yes (IR Cut Filter with auto switch)	Yes (IR Cut Filter with auto switch)	Yes (IR Cut Filter with auto switch)
IR Range	Up to 196ft (60m)	Up to 131ft (40m)	Up to 131ft (40m)	EXIR 2.0: Advanced IR with up to 262ft (80m) range
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Communication	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)
Protection Level	IP67 / IK10	IP67	IP67	IP67
Working Temperature	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	12 VDC / 24 VAC (Dual Voltage), Power Supply not included	12 VDC, Power Supply not included	12 VDC / 24 VAC (Dual Voltage), Power Supply not included	12 VDC / 24 VAC (Dual Voltage), Power Supply not included
Power Consumption	8 W Max	6 W Max	8.8 W Max	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC - 10.8 W Max
Dimensions: in. (mm)	71 × 4.9" (145.2 × 124.1mm)	4.87 × 4.34 × 5.29" (123.87 × 110.24 × 134.3mm)	3.33 × 3.62 × 10.04" (84.5 × 92 × 255.1mm)	3.33 × 3.62 × 10" (84.5 × 92 × 255.1mm)
Weight: lbs. (kg/g)	1.41 lbs (0.64 kg)	1.22 lbs (0.56 kg)	1.50 lbs (0.68 kg)	1.53 lbs (0.695 kg)
Optional Brackets	Wall Mount: ST-WM4 / ST-WM4B	Wall Mount: ST-WM2 / ST-WM2B Junction Box: ST-JB2 / ST-JB2B	Junction Box: ST-JBMB / ST-JB4	Junction Box: ST-JB4
PRICE	\$155.68	\$155.68	\$155.68	\$155.68



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SecurityTronix® site survey provides a concise way to deliver critical information regarding CCTV installation projects. Once delivered, the form will be reviewed by the SecurityTronix Sales Engineers, who will design a comprehensive bill of materials from cameras to connectors.

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ST-HDC4



ST-HDC16



ST-HDC8



ST-HDC32

Digital Video Recorder (DVR) - Supports HDoC Cameras

Models	ST-HDC4	ST-HDC8	ST-HDC16	ST-HDC32
Description	4 BNC inputs supports: TVI, CVI, AHD, CVBS + 1 IP (5MP Max) - Up to 5 Channels total	8 BNC inputs supports: TVI, CVI, AHD, CVBS + 2 IP (6MP Max) - Up to 10 Channels total	16 BNC inputs supports: TVI, CVI, AHD, CVBS + 8 IP (4K/8MP Max) - Up to 24 Channels total	32 BNC inputs supports: TVI, CVI, AHD, CVBS + 16 IP (4K/8MP Max) - Up to 48 Channels total
Decoding	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Recording Resolution	Max 3MP (TVI), 2MP (CVI/AHD), 4MP (IP)	Max 3MP (TVI), 2MP (CVI/AHD), 4MP (IP)	Max 3MP (TVI), 2MP (CVI/AHD), 4MP (IP)	Max 5MP (TVI/AHD), 2MP (CVI), 8MP (IP)
Hard Disk Drive Storage	1 SATA interface up to 10TB	2 SATA interfaces up to 10TB, Max 20TB	2 SATA interfaces up to 10TB, Max 20TB	4 SATA interface up to 10TB, Max 40TB
RAID Array Type	N/A	N/A	N/A	1 External eSATA RAID0, RAID1, RAID5, RAID6, RAID10
Video Output	HDMI/VGA (HDMI Video output at up to 1080P), CVBS (Camera View output only)	CVBS/HDMI/VGA	CVBS/HDMI/VGA (HDMI Video output at up to 4K (3840 x 2160 resolution))	CVBS/HDMI/VGA (HDMI Video output at up to 4K (3840 x 2160 resolution))
Audio Input/Output	1 ch, RCA	1 ch, RCA	1 ch, RCA	4 ch, RCA
External Interface	Two way audio, 1 - 10/100 RJ-45, 2 USB 2.0, 1 RS-485	Two way audio, 1 - 10/100 RJ-45, 2 USB 2.0, 1 RS-485	Two way audio, 1 - 10/100/1000 RJ-45, 1 USB 2.0, 1 USB 3.0, 1 RS-485	Two way audio, 2 - 10/100/1000 RJ-45, 2 USB 2.0, 1 USB 3.0, 1 RS-485, 1 RS-232
Alarm Input/Output	N/A	N/A	N/A	16 in, 4 out
Smart Functions	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)
Network Protocols	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP*, HTTP, ONVIF	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP*, HTTP, ONVIF	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP*, HTTP, ONVIF	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP*, HTTP, ONVIF
Working Temperature	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)
Power Supply	12 VDC Power supply included	12 VDC Power supply included	12 VDC Power supply included	100 to 240 VAC Power supply included
Power Consumption (without HDD)	< 6W	< 7.5W	< 25W	< 74W
Chassis	1U	1U	1U	1.5U
Dimensions	9.5 x 12.4 x 1.8" (242 x 315 x 45 mm)	9.5 x 12.4 x 1.8" (242 x 315 x 45 mm)	12.6 x 15 x 1.9" (320 x 380 x 48 mm)	15.4 x 17.3 x 2.8" (391 x 440 x 70 mm)
Weight (without HDD)	2.6 lbs (1.17 kg)	3.9 lbs (1.78 kg)	4.4 lbs (1.99 kg)	15.4 lbs (6.99 kg)
Price	\$107.52	\$152.32	\$291.98	\$1,232.00

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.


ST-HDC4-8MP

ST-HDC8-8MP

ST-HDC16-8MP
8MP Digital Video Recorder (DVR) - Supports HDoC Cameras

Models	ST-HDC4-8MP	ST-HDC8-8MP	ST-HDC16-8MP
Description	4 Video input, Supports: TVI, CVI, AHD, IP (4ch up to 8MP) and CVBS	8 Video input, Supports: TVI, CVI, AHD, IP (4ch up to 8MP) and CVBS	16 Video input, Supports: TVI, CVI, AHD, IP (8ch up to 8MP) and CVBS
Decoding	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Recording Resolution	8 MP/5MP/3K/4MP/3MP/1080p/720p/WD1/4CIF/VGA/CIF	8 MP/5MP/3K/4MP/1080p/720p/WD1/4CIF/VGA/CIF	8 MP/5MP/3K/4MP/1080p/720p/WD1/4CIF/VGA/CIF
Hard Disk Drive Storage	1 SATA interface, Up to 10TB HDD	2 SATA interface, Up to 10TB for each HDD	2 SATA interface, Up to 10TB for each HDD
RAID Array Type	N/A	N/A	N/A
Video Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Audio Input/Output	Input: 1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable Output: 1-ch, RCA (Linear, 1 KΩ) Two way Audio: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)	Input: 1-ch via RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable Output: 1-ch, RCA (Linear, 1 KΩ) Two way: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)	Input: 1-ch via RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Output: 1-ch, RCA (Linear, 1 KΩ) Two way: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)
External Interface	Network Interface: 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface Serial Interface: RS-485 (half-duplex) USB Interface: Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0 WiFi: Connectable to Wi-Fi network by Wi-Fi dongle through USB interface	Network Interface: 1, RJ45 10/100 Mbps self-adaptive Ethernet interface /Connectable to Wi-Fi network by Wi-Fi dongle through USB interface Serial Interface: RS-485 (half-duplex) USB Interface: Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 2.0 WiFi: Connectable to Wi-Fi network by Wi-Fi dongle through USB interface	Network Interface: 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface /Connectable to Wi-Fi network by Wi-Fi dongle through USB interface Serial Interface: RS-485 (half-duplex) USB Interface: Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0 WiFi: Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Alarm Input/Output	N/A	N/A	N/A
Smart Functions	Motion detection, Line crossing, Intrusion detection, and VCA events: Face Detection, Line Crossing, Area Intrusion - Up to 2 Channels Max.	Motion detection, Line crossing, Intrusion detection, and VCA events: Face Detection, Line Crossing, Area Intrusion - Up to 2 Channels Max.	Motion detection, Line crossing, Intrusion detection, and VCA events: Face Detection, Line Crossing, Area Intrusion - Up to 2 Channels Max.
Network Protocols	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Working Temperature	+34 ~ +131 °F (-10 ~ +55 °C)	+34 ~ +131 °F (-10 ~ +55 °C)	+34 ~ +131 °F (-10 ~ +55 °C)
Power Supply	12 VDC, 1.5A	12 VDC, 2.8 A	12 VDC, 5A
Power Consumption (without HDD)	≤ 10W	≤ 15 W	≤ 19 W
Chassis	1U	1U	1U
Dimensions	12.4 × 9.5 × 1.8" (315 × 242 × 45 mm)	15.0 × 12.6 × 1.9" (380 × 320 × 48 mm)	15.0 × 12.6 × 1.9" (380 × 320 × 48 mm)
Weight (without HDD)	2.6 lbs (≤ 1.16 kg)	3.9 lbs (≤ 1.78 kg)	4.6 lbs (≤ 2.1 kg)
Price	\$178.08	\$323.68	\$659.68



Surveillance Hard Disk Drives (HDD) 1TB- 6TB

Models	WD10PURX	WD20PURX	WD30PURX	WD40PURX	WD60PURX
Capacity	WD Purple 1TB HDD	WD Purple 2TB HDD	WD Purple 3TB HDD	WD Purple 4TB HDD	WD Purple 6TB HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM
Cache	64	64	64	64	64
Advanced Format (AF)	Yes	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	.99 lbs (.449 kg)	1.21 lbs (.548 kg)	1.42 lbs (.644 kg)	1.42 lbs (.644 kg)	1.59 lbs (.721 kg)
Price	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing



Surveillance Hard Disk Drives (HDD) 8TB - 14TB

Models	WD802PURZ	WD102PURX	WD122PURP	WD142PURP
Description/Capacity	WD Purple 8TB HDD	WD Purple 10TB HDD	WD Purple 12TB HDD	WD Purple 14TB HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
RPM	7200 RPM	7200 RPM	7200 RPM	7200 RPM
Cache	256	256	512	512
Advanced Format (AF)	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	1.59 lbs (.721 kg)	1.62 lbs (.734 kg)	1.62 lbs (.734 kg)	1.62 lbs (.734 kg)
Price	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing



Recorder Lock Boxes

Models	ST-DVRLB-18WF	ST-DVRLB-21WF	ST-DVRLB-WMB
Description	18 inch Lockbox with integrated fan, vented sides, removable lid, hinged locking door with two keys, rear knockouts for power and video cabling, black finish, .05" (1.2mm) plate thickness	21 inch Lockbox with integrated fan, vented sides, removable lid, hinged locking door with two keys, rear knockouts for power and video cabling, black finish, .05" (1.2mm) plate thickness	DVR Lockbox wall mount brackets one pair. Compatible with models ST-DVRLB-18WF and ST-DVRLB-21WF
Dimensions: in. (mm)	18 x 18 x 5" (457 x 457 x 127 mm)	21 x 21 x 8" (533 x 533 x 203 mm)	-
Weight: lbs. (kg/g)	15.4 lbs (7kg)	22.6 lbs (11.2kg)	4.4 lbs (2kg)
Price	\$105.00	\$124.00	\$39.00


Wall Mount Camera Mounts

Models	ST-WM1, ST-WM1-BLK	ST-WM1B, ST-WM1B-BLK	ST-WM2, ST-WM2-BLK	ST-WM2B	ST-WM3
Description	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket
Dimensions: in. (mm)	4.80 x 4.72 x 6.65" (122 x 120 x 169mm)	4.84 x 7.08 x 8.97" (123 x 180 x 227.8mm)	5.20 x 7.22 x 9" (132 x 183.5 x 228.5mm)	5.20 x 9.56 x 11.35" (132 x 242.9 x 288.5mm)	5.35 x 7.22 x 9.06" (136 x 183.5 x 230mm)
Weight: lbs. (kg/g)	1.06 lbs (0.48 kg)	2.66 lbs (1.205 kg)	1.92 lbs (0.87 kg)	3.25 lbs (1.475 kg)	1.66 lbs (0.755 kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Price	\$35.84/\$20.96	\$52.64/\$35.72	\$35.84	\$67.20	\$38.08


Wall Mount Camera Mounts

Models	ST-WM3B	ST-WM4	ST-WM4B, ST-WM4B-BLK	ST-WM5
Description	Wall Mount Bracket with Junction Box	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket
Dimensions: in. (mm)	5.35" x 9.56" x 11.42" (136mm x 242.92mm x 290mm)	5.51" x 7.16" x 4.72" (140mm x 182mm x 120mm)	5.51" x 7.16" x 4.72" (140mm x 182mm x 120mm)	4.33" x 4.72" x 4.72" (110mm x 120mm x 120mm)
Weight: lbs. (kg/g)	3.61 lbs (1.64 kg)	1.56 lbs (0.703 kg)	3.28 lbs (1.49 kg)	1.20 lbs (0.545 kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Price	\$49.28	\$38.08	\$38.08	\$29.79


Wall Mount Camera Mounts

Models	ST-WM6, ST-WM6-BLK	ST-WM6B, ST-WM6B-BLK	ST-WM7, ST-WM7-BLK	ST-WM7B
Description	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket	Wall Mount Bracket with Junction Box
Dimensions: in. (mm)	6.1 x 7.22" x 9.45" (155 x 183.5 x 240mm)	6.30 x 9.56 x 11.81" (155 x 243 x 300mm)	5.35 x 7.22 x 9.06" (136 x 183.5 x 230mm)	5.35 x 9.56 x 11.42" (136 x 242.92 x 290mm)
Weight: lbs. (kg/g)	1.4 lbs (0.650 kg)	3.86 lbs (1.75 kg)	1.55 lbs (0.704 kg)	3.25 lbs (1.48 kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Price	\$49.28	\$71.56	\$43.68	\$54.88



Junction Box Camera Mounts

Models	ST-JB1, ST-JB1-BLK	ST-JB2	ST-JB2B, ST-JB2B-BLK	ST-JB3, ST-JB3-BLK	ST-JB4, ST-JB4-BLK
Description	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Conduit Intake
Dimensions: in. (mm)	Ø4.37" (Ø111mm)	Ø6.18 x 7.28 x 0.61" (Ø157 x 185 x 51.5mm)	Ø4.99 x 1.38" (Ø126.7 x 35 mm)	Ø5.4 x 1.7" (Ø137 x 42mm)	Ø5.39 x 2.1 x 6.49" (137 x 53.4 x 164.8mm)
Weight: lbs. (kg/g)	0.33lbs (0.15kg)	1.36lbs (0.621kg)	0.46 lbs (0.21kg)	0.62 lbs (0.28 kg)	1.14 lbs (0.51 kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Price	\$16.78	\$32.48	\$20.16	\$25.76	\$32.48



Junction Box Camera Mounts

Models	ST-JB5, ST-JB5-BLK	ST-JB6	ST-JB7	ST-JBMB
Description	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Conduit Intake
Dimensions: in. (mm)	Ø3.48 x 1.42" (Ø88.5 x 36 mm)	Ø4.33 x 5.68 x 1.89" (Ø110 x 144.3 x 48 mm)	Ø6.1 x 1.42" (Ø155 x 36mm)	Ø3.94 x 1.7 x 5.07" (Ø100 x 43.2 x 129mm)
Weight: lbs. (kg/g)	0.55 lbs (0.25 kg)	0.41 lbs (0.187 kg)	0.66 lbs (0.3 kg)	0.66 lbs (0.32 kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Price	\$21.56	\$24.64	\$32.00	\$32.48



Pendant Cap for Dome Camera
Aluminum Alloy Material with Surface Spray Treatment, Waterproof Design.
Model No. ST-PCAP-BLK \$16.68
Model No. ST-PCAP-WHT \$16.68



Dome Single Gang Plate
Dome Single Gang Plate For Camera Model ST-IP4FD-2.8/4mm
Model No. ST-DOME-SGP \$4.46

BUILD A RELIABLE IP CAMERA NETWORK



CAT6 CABLE
High-performance connections



NETWORK SWITCHES
Power and connect all your devices



PATCH PANELS
Organized and scalable network infrastructure



NETWORK TOOLS
Install, test and maintain with confidence



BUILD A RELIABLE IP CAMERA NETWORK

See **DATA & NETWORKING SOLUTIONS**
Pages 105-115


PTZ Camera Mounts - Short Lengths

Models	ST-PTZWMS	ST-PTZCMS	ST-PTZCRMS	ST-PTZPMPS
Description	Wall mount for PTZ - Short	Ceiling Mount for PTZ - Short	Corner Mount for PTZ - Short	Pole Mount Bracket for PTZ - Short
Dimensions	4.33 x 5.70" x 7.44" (110 x 145 x 189mm)	4.59 x 7.87" (116.5 x 200mm)	6.81 x 4.13 x 7.64" (173 x 105 x 194mm)	5 x 1.81 x 9.84" (127 x 46 x 250mm)
Weight	1.21 lbs (0.55kg)	2.20 lbs (1kg)	3.99 lbs (1.81kg)	3.31 lbs (1.5 kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Stainless Steel
Price	\$42.56	\$31.36	\$35.84	\$35.84

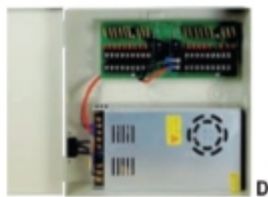
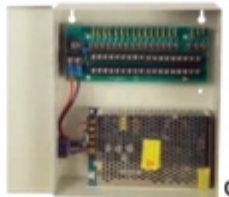

PTZ Camera Mounts - Long Lengths

Models	ST-PTZWML	ST-PTZCML	ST-PTZCRL	ST-PTZPML	ST-PTZJPBW
Description	Wall mount for PTZ - Long	Ceiling Mount for PTZ - Long	Corner Mount for PTZ - Long	Pole Mount Bracket for PTZ - Long	Wall Mount & Junction Box kit for PTZ
Dimensions	3.81 x 7.16 x 12" (97 x 182 x 305mm)	4.6 x 19.68" (116.5 x 500mm)	10.06 x 12.36 x 21.51" (255.5 x 314 x 546.4mm)	8.25 x 12.36 x 23.63" (209.7 x 314 x 600.8mm)	15.6 x 8.2 x 12.2" (397.4 x 209.2 x 310mm)
Weight	2.31 lbs (1.05kg)	2.64 lbs (1.2kg)	18.51 lbs (8.4 kg)	15.08 lbs (6.84 kg)	7.1 lbs (3.23kg)
Material	Aluminum Alloy	Aluminum Alloy	Aluminum alloy and steel	Aluminum alloy and steel	Aluminum Alloy
Price	\$35.84	\$43.68	\$56.00	\$56.00	\$124.32


PTZ & Fisheye Camera Mounts

Models	ST-PTZPMPS-KIT	ST-IP4PTZ-4X-WMB	ST-IP6FE-ICM	ST-IP6FE-CM	ST-IP6FE-WM
Description	PTZ pole mounting bracket with integrated long arm	Wall Mount Bracket for Mini IP PTZ	Inclined Ceiling Mount Bracket for Fisheye	Corner Mount for Fisheye (Requires ST-IP6FE-WM)	Wall Mount for 6MP Fisheye
Dimensions	13.81 x 7.64 x 4.97" (350.8 x 194.0 x 126.2mm)	8.8 x 4.95 x 3.15" (223.5 x 125.8 x 80mm)	6.49 x 6.49 x 1.92" (167.5 x 167.5 x 48.7mm)	7.09 x 4.13 x 9.84" (180 x 105 x 250 mm) (Image update needed)	9.11 x 7.22 x 6.45" (231.4 x 183.5 x 164mm)
Weight	4.5 lbs (2.04 kg)	1.06 lbs (0.48 kg)	0.72 lbs (0.33 kg)	5.07 lbs (2.33 kg)	1.925 lbs (0.87 kg)
Material	Aluminum Alloy	Plastic and Steel	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Price	\$49.00	\$26.88	\$29.12	\$33.60	\$47.04

DC Power Boxes - Self Resetting Fuse PTC Power Boxes



4 Camera power supply, 12VDC, 5A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

A. Model No. ST-PBX4-5A-PTC \$67.20

9 Camera power supply, 12VDC, 10A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

B. Model No. ST-PBX9-10A-PTC \$73.92

18 Camera power supply, 12VDC, 10A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

C. Model No. ST-PBX18-10A-PTC \$78.40

18 Camera power supply, 12VDC, 20A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

D. Model No. ST-PBX18-20A-PTC \$99.68

AC Power Boxes



9 Camera power supply, 24VAC, 5A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

E. Model No. ST-PBX9-24AC-PTC \$70.56

9 Camera power supply, 24VAC, 5A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, 9 Individual status LEDs, metal housing, CE, FCC, RoHS.

F. Model No. ST-PBX9AC24V5A \$55.98

18 Camera power supply, 24VAC, 10A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

G. Model No. ST-PBX18-24AC-PTC \$86.24

18 Camera power supply, 24VAC, 8A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, 18 Individual status LEDs, metal housing, CE, FCC, RoHS.

H. Model No. ST-PBX18AC24V8A \$83.98

AC, DC and USB Power Supplies



Glass Fuse Power Boxes

4 Camera power supply, 12VDC 3A, individual glass fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, UL Listed.

Model No. ST-PBX4DC12V3A .. \$33.58



24V AC Power Supply

A. Model No. ST-PS24VAC \$8.99

12V DC 1 Amp Power Supply

B. Model No. ST-PS12VDC1A \$7.26

12V DC 2 Amp Power Supply

C. Model No. ST-PS12VDC2A \$8.94

12V DC 5 Amp Power Supply

D. Model No. ST-PS12VDC5A-8PL ... \$22.38

4 Channel 12V DC 5 Amp UL Listed

Power Supply Box, PTC Fuse

E. Model No. ST-PS12V5A-PTC \$28.00

Single Port USB Power Supply

F. Model No. ST-USB-1P \$3.99

Pigtail Connectors



A. Jack Connector

Model No. ST-PSCPF-PT \$1.28


B. Plug Connector

Model No. ST-PSCPM-PT.....\$1.17

Power Adapters


Plug to 2 Conductor
Screw Terminal

A. Model No. ST-DC21.....\$0.66

Plug to 2 Conductor
Screw Terminal

B. Model No. ST-DC21F... \$0.77

Plug to 2 Conductor Removable
Screw Terminal Block

C. Model No. ST-DC21M...\$0.84

Baluns

CCTV Video balun kit. BNC Plug to 2 conductor screw terminal block.

Allows a single video signal to be transmitted over a single unshielded twisted pair (UTP) wire. Color video up to 400 meters and B/W video up to 600 meters. Passive operation, no power required. Compatible with Analog, HDCVI and HDTV.

Model No. ST-CCTV-VB-KIT \$14.54

CCTV Video balun kit. BNC Plug to 2 conductor screw terminal block. Allows a single video signal to be transmitted over a single unshielded twisted pair (UTP) wire. Color video up to 400 meters and B/W video up to 600 meters. Passive operation, no power required. Compatible with Analog, HDCVI and HDTV.

Model No. ST-CCTV-VB-PTKIT \$14.54


Video Converter

Support up to 8MP HD-TVI/CVI/AHD/CVBS

signal and provide one HDMI output and one BNC output. The ST-HDOC-VC is perfect for converting a HDx (High definition over coax) video to an HDMI signal to allow for viewing on a monitor that does not have HD-TVI/CVI/AHD/CVBS input, such as spot monitoring (a secondary monitor which connects directly to the camera and displays its image, commonly seen in retail store entrances). Many recorders do not have a spot monitor output built-in, and the ST-HDOC-VC can be sold separately to provide this function if it is required for a customer's application.

Model No. ST-HDOC-VC \$85.00


Keyboard/Joystick PTZ Camera Controller

The ST-USB-KB keyboard is a USB interface controlling keyboard which supports USB HID protocol; it can be applied with USB joystick mode and supports various programmable keys for users to set custom functions. The keyboard can be used to control SecurityTronix EZ Connect II, HDCII devices with function key operation. Simplified GUI provides ease of operation, and can be deployed in various applications from residential to commercial.

Model No. ST-USB-KB \$300.16


Monitors



18.5 Inch LED backlit monitor, 1 HDMI input and 1 VGA input, 1366 x 768 maximum resolution, 75 x 75 Vesa mounting pattern, Wide viewing angle, 3D Comb Filter, 3D De-interlace, 3D Noise Reduction, Desktop stand included.

Model No. ST-HDLED18.5..... \$189.28


21.5 Inch LED backlit monitor, 1 HDMI input and 1 VGA input, 1920 x 1080 maximum resolution, 100 x 100 Vesa mounting pattern, Wide viewing angle, 3D Comb Filter, 3D De-interlace, 3D Noise Reduction, Desktop stand included.

Model No. ST-HDLED21.5.....\$211.68

18.5 Inch LED backlit monitor, 1 VGA input, 1366 x 768 maximum resolution, 75 x 75 Vesa mounting pattern, Wide viewing angle, 3D Comb Filter, 3D De-interlace, 3D Noise Reduction, Desktop stand included.

Model No. ST-LEDVGA-18.5..... \$139.00

Compression Tool Connectors

Compression BNC Connector for RG-59 Coaxial Cable

Compression BNC Connector for RG-59 Coaxial Cable, 2 piece (50/Bag)


Model No. CT-BNC59C..... \$55.00/bag, \$1.10 each

Center Pins for Piece BNC Connectors (50/Bag)

Model No. CT-BNC59C-PIN \$39.50/bag, \$.79 each

While we attempt to hold pricing we can not control if our vendors increase pricing.

Images shown may be different from actual product.



Siamese RG-59 Video cable with attached 18/2 Power Cable

Siamese CCTV cable allows installers to run both the video and power to security cameras using a single cable. These have a 20 AWG solid copper center conductor, 95% maximum braided shielding, and 75 ohm impedance. Cable is ETL rated.

Siamese RG-59 Video cable/attached 18/2 Power Cable

Models	CCTV CABLE-500-WHT	CCTV CABLE-500-BLK
Length	500 Ft.	500 Ft.
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$80.58	\$80.58

Models	CCTV CABLE-1000-WHT	CCTV CABLE-1000-BLK
Length	1000 Ft.	1000 Ft.
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$161.16	\$161.16

Models	CCTV CABLE-500RB-WHT	CCTV CABLE-500RB-BLK
Length	500 Ft.	500 Ft.
Color	White	Black
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$80.58	\$80.58



Siamese Pre-Made Jumpers

Siamese CCTV jumper cable, RG-59 Video cable with BNC connectors on both ends and attached connectorized 18 gauge, 2 conductor power cable.



Siamese Pre-Made Jumpers

Models	ST-PMJ25W	ST-PMJ25B
Length	25 Ft.	25 Ft.
Color	White	Black
Price	\$7.78	\$7.78

Models	ST-PMJ60W	ST-PMJ60B
Length	60 Ft.	60 Ft.
Color	White	Black
Price	\$15.62	\$15.62

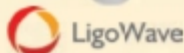
Models	ST-PMJ100W	ST-PMJ100B
Length	100 Ft.	100 Ft.
Color	White	Black
Price	\$26.82	\$26.82

Models	ST-PMJ150W	ST-PMJ150B
Length	150 Ft.	150 Ft.
Color	Black	Black
Price	\$31.30	\$31.30

Models	ST-PMJ200W	ST-PMJ200B
Length	200 Ft.	200 Ft.
Color	Black	Black
Price	\$40.26	\$40.26

Extend Your Surveillance Network with Wireless Links

LigoWave LV-5-15AC High-Performance Wireless Bridge for IP Video



When running cable between buildings isn't practical, the **LigoWave LV-5-15AC** provides a powerful and reliable wireless solution for transmitting video surveillance traffic. Designed for professional outdoor deployments, this compact wireless bridge delivers high-capacity connectivity ideal for connecting remote camera locations, parking lots, campuses, and multi-building properties.

The LV-5-15AC operates in the **5 GHz band** and supports high data throughput, making it well suited for streaming multiple HD or megapixel video feeds with low latency and dependable performance.

Why It's Ideal for Surveillance Installations

- **High Throughput Performance** – Supports bandwidth needed for multiple IP camera streams
- **Long-Distance Wireless Links** – Connect buildings, campuses, or remote camera locations
- **Reliable Outdoor Operation** – Rugged design built for professional installations
- **Low Latency Transmission** – Maintains smooth video streaming for monitoring and recording
- **Simple Deployment** – Integrated antenna design simplifies installation

Perfect for SecurityTronix Systems

The LV-5-15AC pairs perfectly with **SecurityTronix IP cameras and NVR systems**, allowing installers to extend surveillance coverage without trenching or running long cable runs.

Typical applications include:

- Connecting parking lot cameras to main buildings
- Linking multiple buildings on a campus
- Extending surveillance networks across large properties
- Deploying remote security monitoring locations

Available from NACE along with a full range of networking and wireless solutions.

Talk to a Sales Representative today!

Earn Monthly Recurring Revenue

with our cloud-based video
surveillance storage platform



Your clients expect secure video surveillance storage with mobile and remote access—and now you can deliver it with ease.

Cloudview™ Video Surveillance Storage Platform

Cloudview is a secure, cloud-based video surveillance storage platform that connects existing camera systems to offsite cloud storage and remote video management. It enables dealers and end users to protect, access, and manage video footage anytime, from anywhere—without replacing existing hardware.

Key Benefits

- **Works with Existing Systems**
Seamlessly integrates with many camera and recorder brands—no rip-and-replace required.
- **Secure Offsite Cloud Storage**
Encrypted cloud storage protects video from theft, damage, or local system failure.
- **Remote & Mobile Access**
View live and recorded video anytime via web and mobile applications.
- **Reliable Video Capture**
Footage is cached locally during internet outages and automatically uploaded once connectivity is restored.
- **Powerful AI Video Analytics on Any Camera**
Add advanced AI features to existing cameras, including:
 - License Plate Recognition (LPR)
 - People Counting
 - Construction PPE Monitoring
- **We Manage the Back Office**
We handle account setup and billing, while you benefit from improved client retention and new opportunities for additional hardware sales.
- **Simple Deployment & Scalable Plans**
No port forwarding required, remote setup, automatic updates, and flexible storage retention options.



Ideal for a Wide Range of Property Types, Including:

- Hotels
- Hospitals
- Retail Stores
- Convenience Stores
- Campuses
- Bars
- Office Buildings
- Restaurants
- Assisted Living Facilities
- Construction Sites

Complete End-to-End Solution Available

In addition, SecurityTronix delivers a fully integrated, end-to-end solution—combining commercial-grade cloud video with robust, enterprise-class equipment, all backed by our award-winning 24/7 U.S.-based phone, chat, and email support.



SPECIAL PROMOTION

3 MONTHS FREE
CLOUD STORAGE SERVICE
& **FREE ST LIVE**
CLOUD ADAPTER

Offer Expires
12/31/26



ST Live
powered by
CloudView



Qualifications: Minimum 4 camera SecurityTronix system with one-year CloudView service contract

For more information: 800-688-9282 | naceconnect.com/cloudview



SecurityTronix PREMIER PARTNER PROGRAM

20% OFF SECURITYTRONIX PRODUCTS

YOUR SAVINGS STARTS IMMEDIATELY. NO WAITING. NO INITIAL MINIMUMS.

While other companies have time requirements and minimum purchases just to qualify for discounts, at SecurityTronix, we believe helping your business succeed is our most important priority.

This is why we give our Premier Partners a higher discount than any other partner program on the market, and we give it to you **IMMEDIATELY** when you sign up. We want you to enjoy higher profits now, not later. Plus, in addition to saving you money, we'll also save you TIME.

Great Benefits for Premier Partners:

- Priority Site Survey and System Design Assistance
- Trained & Certified Sales & Support Engineers to help you *GROW YOUR BUSINESS*
- Exclusive Offers and Promotions

Once you experience our excellent 24/7/365 support, expert advice, and sincere helpfulness, we know you'll want to continue doing business with us as your valued strategic partner.

PARTNERING IS EASY!

Call: 800-460-1801
or apply online at
securitytronix.com/premier

SINGLE ORDER VOLUME DISCOUNT PROGRAM

5% OFF

When you purchase
over \$1,000 in
SecurityTronix® products!

5% OFF

PLUS FREE SHIPPING

When you purchase over \$2,500
in SecurityTronix® products!

10% OFF

PLUS FREE SHIPPING

When you purchase over \$5,000
in SecurityTronix® products!

* Qualified Distributor volume discounts available, contact your sales representative for full details. Free Ground Freight only applies to accounts within the contiguous U.S.

FREE IP ADDRESSING AND PRE-CONFIGURATION

Saving Time and Money with IP Camera and Recorder Pre-Configuration Services

Addressing cameras on a network can be a time consuming and costly part of any security project. With our static IP camera pre-addressing service, you can save time while on-site by simply installing the cameras, and letting us handle the network addressing challenges. With an average of 4-5 minutes addressing and verifying a single camera, this service can save you hours of on-site time while installing a security system.

- We coordinate with on-site IT administrators to assist with secure and simple system installation.
- Integrate into the existing network using pre-configured SecurityTronix equipment for a dedicated VLAN.
- Improves reliability and service with static IP addressing.
- Maximize system recording with pre-defined profiles for optimal picture quality, storage, and viewing.
- Plug-and-Play recorders with pre-set remote access.
- Configure RAID storage and backup options to improve system reliability.



CALL TODAY!
800.460.1801

Offer Expires 12/31/2026

WIRELESS NETWORKING WITHOUT LIMITS



High-performance wireless solutions for professionals who demand reliability.

Connect buildings, campuses, parking lots, remote cameras, and industrial sites—**without trenching cable.**



LONG-RANGE CONNECTIVITY

Connect locations miles apart with carrier-grade wireless links.



BUILT FOR SURVEILLANCE

Perfect for IP cameras, NVRs, access control, and remote monitoring.



FAST DEPLOYMENT

Eliminate trenching costs and install in a fraction of the time.



ENTERPRISE PERFORMANCE

Wi-Fi 6 and 802.11ac solutions delivering up to 700 Mbps throughput.



OUTDOOR RELIABILITY

IP67-rated hardware engineered for harsh weather conditions.



SCALABLE DESIGN

Point-to-Point, Point-to-Multipoint, and Outdoor Wi-Fi solutions for any network size.

TYPICAL APPLICATIONS



Building-to-Building Links



Remote Surveillance Cameras



Industrial Facilities



School & Campus Networks



Construction Sites



Farms & Rural Properties



Parking Lots & Gate Entrances

LIGOWAVE PRODUCT FAMILIES

LigoDLB AX Series

Wi-Fi 6 Point-to-Point & Point-to-Multipoint Bridges

- 802.11ax (Wi-Fi 6) Technology
- High gain antennas for extended range
- Dual Ethernet with PoE
- IP67 rated for outdoor use



RapidFire Series

High-Capacity Wireless Backhaul

- Up to 700 Mbps+ throughput
- 5 GHz 802.11ac
- High performance carrier-grade links



NFT Access Points

Indoor & Outdoor Enterprise Wi-Fi

- Flexible deployment options
- Centralized management
- Reliable performance across your network



REDUCE INSTALLATION COSTS BY ELIMINATING LONG CABLE RUNS



DEPLOY FASTER
Get connected in hours, not weeks.



SAVE MORE
Lower material and labor costs.



STAY SECURE
Encrypted, reliable wireless connections.



LigoWave Wireless Solutions Available from NACE

POINT-TO-POINT • POINT-TO-MULTIPOINT • OUTDOOR WI-FI • ENTERPRISE NETWORKING

Let NACE Save You Time & Money On Your Next Headend Build!

- Professional system design & assembly
- Saves time over building a system on site
- Reduce failed or missing components through advance assembly & testing

Professional Headend Assembly Service

- Saves you valuable time and money that can be used in other facets of your business
- Professionally assembled by our experienced staff
- Built with the best materials, color coded headend cable, compression F and RCA connectors
- All hand made, cut to length cabling
- No adapters
- Balanced and tested to your exact requirements
- Conveniently labeled for easy identification of all connections
- Shipped in a wooden crate with vibration-proof inner packing or on a stand up pallet for more convenient maneuvering on site.
- Headend logbook includes layout, channel line up, instruction manuals, system photos and other valuable information to keep on file
- Fast turnaround

Contact one of our sales engineers for assistance with:

- System layouts
- Channel Lineup Information
- Parts & Assembly Pricing
- Special System Needs
- IPTV Multicasting



System & Signal Distribution Assistance Available!

Rack Interface Plates - CT-RIPU1-SHIP-DT



Perfect for organizing all of your headend inputs and outputs in one convenient location on your equipment rack. Clearly labeled to save time and avoid confusion. Can be rack mounted or mounted on the top back of a rack with a rear rail kit.

Add DIRECTV HD Programming to your Commercial Lodging or Institution Satellite Television Systems

COM3000

Satellite Video Management System for Commercial Lodging or Institution Markets

Features

- From 8 to 138 channels of HD content in one chassis
- Pro:Idiom™ or Pro:Idiom™ Mobile content protection for HD broadcasts
- Two QAM4 slots for up to 96-channels of QAM output
- Interactive On-screen Program Guide at no extra cost, when used with an approved set top box
- Simultaneous QAM or IP output for a variety of applications
- Less than 225 watts of power consumption measured on a typical 69 channel system

Compact Form Factor

The COM3000 offers from 8 to 138 channels of HD reception and two integrated EdgeQAM's in only 3 units of rack space. This compact design also results in dramatic power savings from typical stacked receiver solutions.

Pro:Idiom™ & Pro:Idiom™ Mobile Encryption

For High-Definition solutions which require encryption, the COM51 HD receiver blades include options for Pro:Idiom™ and Pro:Idiom™ Mobile encryption of the HD content which can be played back on any Pro:Idiom™ or Pro:Idiom™ Mobile device.

Integrated EdgeQAM's

Available as a plug-in module, the QAM4 and available SWQAM2 licenses reduce overall system cost and simplify the installation and maintenance for the COM3000. The two QAM4 slots in the new COM400 chassis support up to 96 channels of QAM output.



- Remote management & configuration
- Flexible COM51 Tuner license for improved per channel cost in various configurations
- NACE offers extended warranties for the COM3000, inquire for pricing.

Interactive Program Guide & PSIP Data

When used with a set top box, The COM3000 can generate a guide including external channels at no additional monthly room charge to the property. The COM3000 can also deliver PSIP data in an "On Now/ On Next" format for TV banners to display program data for content being played. Channel names and custom channel numbers can also be set and displayed through this PSIP data.

Remote Management

The COM3000 including all the receiver blades and EdgeQAM can be managed and monitored remotely over the Internet or local network using a simple web-browser based management interface.

NACE offers extended warranties for the COM3000, inquire for pricing.



Compatible with the DIRECTV Advanced Entertainment Platform (AEP)

Add DIRECTV HD Programming to your Commercial Lodging or Institution Satellite Television Systems

COM3000 Satellite Video Management System for Commercial Lodging or Institution Markets

CORE COMPONENTS

COM400 Chassis

- Chassis design with integrated 10 Gigabit Ethernet backplane
- Less than 225W power consumption (for a standard 69 channel system)
- Integrated dual cooling exhaust fans
- 3RU Chassis, (5.25"H x 19"W x 13"D)
- Holds up to 6 COM51D



- Holds up to 2 QAM4 EdgeQAM modulators

COM421 Chassis

- Cost effective 1RU slim chassis (1.75"H x 19"W x 13"D)
- Supports 8 to 46 DIRECTV Channels
- Two COM51D Card slots
- 1 QAM4 slot
- Two 1GB Ethernet Ports
- External Power Brick
- Quiet Fans



Replacement Power Supply for COM421

Model No. COM421 PS REP..... \$69.00

COM51D-DTV Tuner Blade

The COM51D-DTV, the latest in DIRECTV's commercial receiver lineup, tunes 23 HD channels and supports 4K content, outputting over IP with Zenith Pro:Idiom protection. It streams channels to both IP and QAM without duplication. Pro:Idiom licensing and NACE NTSG approval are required before shipment.

- 23 high-definition channels
- SW46IP-SP IP Upgrade license required to enable IP output
- UDP/RTP Video outputs
- Pro:Idiom™ content protection
- Pro:Idiom Mobile™ content protection
- 2 DSWM Inputs
- LED Status indicators



QAM4 EdgeQAM Modulator & SWQAM-2 Upgrade Licenses

- QAM4 Base units contain 4 QAM channels
- SWQAM-2 Two channel licenses can be purchased to increase the modulator capacity to 48 channels
- Supports up to 3 HD or 8 SD programs per QAM channel
- Able to mix HD and SD content on any QAM channel
- Accepts MPEG over IP content from external sources



Vantiva ATSC4 – COM3000 Compatible

The ATSC4 module fits into COM400 or COM421 chassis, offering four (4) ATSC or J.83b (Clear QAM-B) tuners for flexible channel reception via antenna or cable. It supports ATSC 1.0, ensuring future compatibility with 4K HDR, Dolby Atmos, interactive features, and on-demand video (software upgrade required).

- Supports up to 32 SPTS IP streams, including major networks & 7 local sub-channels.
- RF, Multicast, & Unicast outputs for RF or IP-based integration.
- Standalone or COM51-managed, with content aggregation capability.
- Requires ONE SWQAM-2 QAM license or half of a QAM4 module.
- DIRECTV satellite locals feed required for AEP systems (per Vantiva).
- Compatible with COM2000; NOT COM1000 (COM24/COM46 not supported).
- No program guide data; antenna & ATSC hardware sold separately.

NEW



HDMI / USB Module

Add important local content (property info, entertainment, etc.) via HDMI to IP conversion, and combine your on-property content with the ease of use, remote access, and distribution features of the COM3000 system.



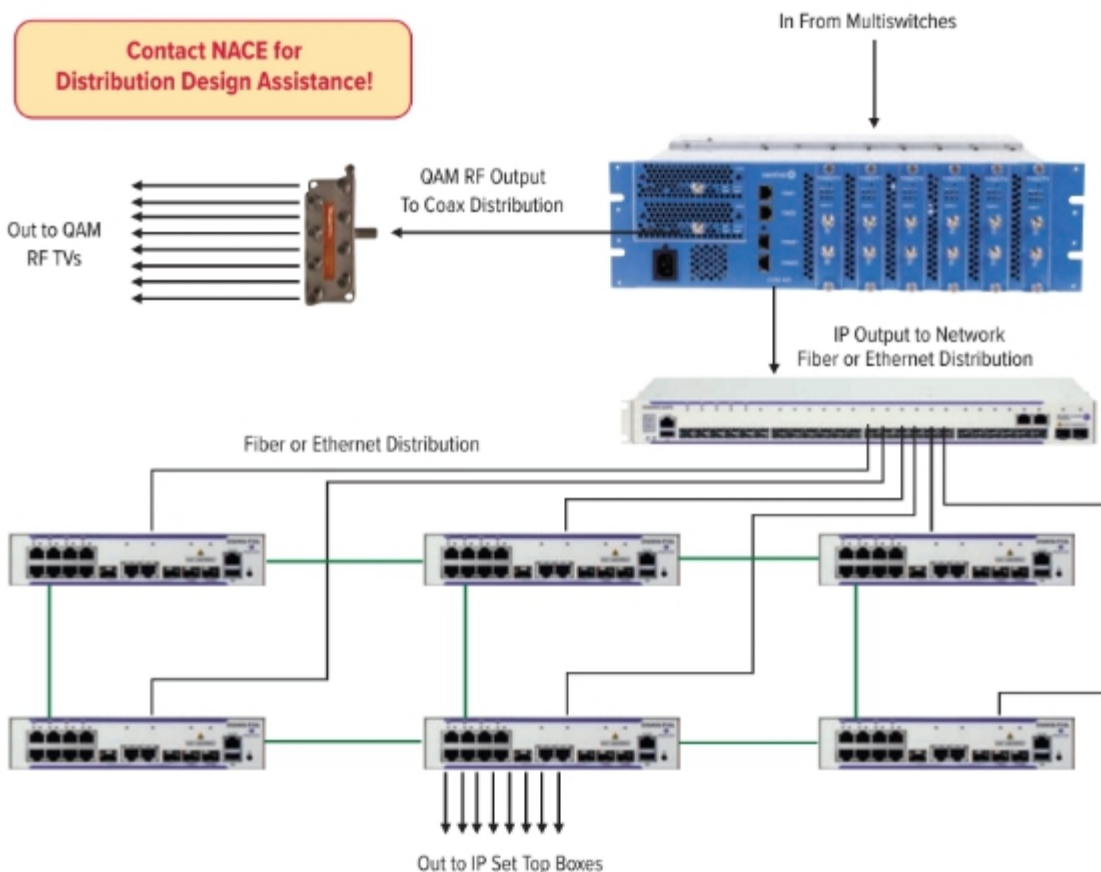
Distribute DIRECTV HD Programming to your Property Via IP or QAM

COM3000 Satellite Video Management System for
Commercial Lodging or Institution Markets

Features

- From 8 to 138 channels of HD content in one chassis
- Pro:Idiom™ or Pro:Idiom™ Mobile content protection for HD broadcasts
- Two QAM4 slots for up to 96-channels of QAM output
- Interactive On-screen Program Guide at no extra cost, when used with an approved set top box
- Simultaneous QAM or IP output for a variety of applications
- Less than 225 watts of power consumption measured on a typical 69 channel system
- Remote management & configuration
- Flexible COM51 Tuner license for improved per channel cost in various configurations

Contact NACE for
Distribution Design Assistance!



Receiver-Less HD Plus

For Institution Satellite Television Systems - No Pro:Idiom TV's Needed

Introducing a new solution for institution TV distribution!

Receiver-Less HD PLUS

What is it?

- Headend based solution delivering HD content directly to TVs

What does it do?

- Eliminates the need for specialized security decryptors (Pro:Idiom TVs or STBs) in each room

Business Rules/Approved Segments

- Institutions - Senior/Assisted Living, Hospital/Healthcare facilities, Prisons, RV Parks, Marinas, On-Campus University Student Housing, Purpose Built Off-Campus University Student Housing
- Commercial - Stadiums, Fitness Centers

Programming Restrictions

- NO PREMIUMS

Documentation

- Executed Content Protection Addendum and uploaded to SFDC

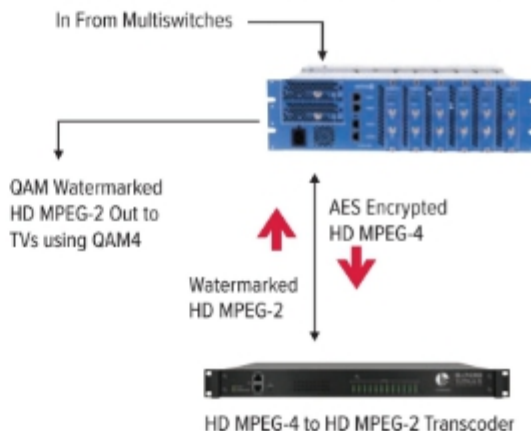
Approved Technology

- COM2000 with COM46 software version 03.03.91 or higher
- COM3000 with COM51 software version 04.01.27 or higher
- Blonder Tongue Clearview 4:2

Installation with MPEG-4 TVs with COM3000 or COM2000



Installation with MPEG-2 TVs with COM3000



QAM Watermarked

HD MPEG-2 Out to TVs using
Internal QAM Modulator

HD MPEG-4 to HD MPEG-2 Transcoder
with internal QAM modulator



Installation with MPEG-2 TVs With COM2000

In From Multiswitches



Clearview 4-2 H.264 to MPEG-2 HD Transcoder

- Unicast IP input that supports up to 24 SPTS H.264 HD programs
- Unicast IP output supports up to 24 SPTS MPEG-2 HD programs
- Decrypts Vantiva's AES-128 encrypted H.264 video content
- Preserves Vantiva's embedded watermarking on outbound MPEG-2 video content
- Easy-to-use GUI for monitoring & control
- 24 front panel Status LEDs, one for each program stream
- Front panel Temperature LED



The Clearview 4-2 can Transcode up to twenty-four HD or SD programs from H.264 to MPEG-2 in a 1RU form factor. The unit accepts Unicast H.264 IP transport streams and re-encodes the video content to MPEG-2 transport streams for IP Unicast delivery.

Blonder Tongue's cutting edge video compression technology supports low video bit rates while maintaining high picture quality. The Clearview 4-2 provides an easy to use interface and the ability to download and upload a configuration file for multi-unit deployments.

This unit can also be configured to receive up to twenty-four H.264 AES-128 encrypted IP channels from Vantiva COM3000/2000 devices. The Clearview 4-2 decrypts the AES-128 content, Transcodes the decrypted H.264 content into MPEG-2, while preserving the "forensic watermarking" and returns the content to the Vantiva COM3000/2000 devices.

Model No. Clearview 4-2 Call for Pricing

Clearview 4-2-12 12 Channel MPEG-4 to MPEG-2 High Def. IP Transcoder

- H.264 to MPEG-2 Transcodes up to 12 HD or SD programs
- Full 1080p HD support, IP input to IP output
- Compatible with Vantiva's COM3000 DirectTV receivers



The Clearview™ 4-2-12 is a professional grade, low-cost-per-stream Transcoder that transcodes up to twelve HD or SD programs from H.264/MPEG-4 to MPEG-2 in a 1RU form factor. The Clearview 4-2-12 accepts Unicast H.264 IP transport streams and re-encodes the video content to MPEG-2 transport streams for IP Unicast delivery.

All Clearview™ products are hardware based, for ultra-high reliability service life, with video compression technology supporting low video bit rates and high picture quality. The product line provides an easy-to-use interface, capable of downloading and uploading configuration files for multi-unit deployments.

Clearview 4-2-12 can be configured to receive up to twelve H.264 AES-128 encrypted IP channels from Vantiva COM3000/2000 satellite receivers. The Clearview 4-2-12 decrypts the AES-128 content and Transcodes the decrypted H.264 content into MPEG-2, while preserving the DIRECTV "forensic watermarking" and returns the content to the Vantiva COM3000/2000 devices.

Model No. Clearview 4-2-12 Call for Pricing



Clearview 4-2-STDDEF 24 Channel MPEG-4 to SD (480i) MPEG-2 IP Transcoder

- H.264 to MPEG-2 Transcodes up to 24 HD or SD programs
- Accepts HD/SD input, IP input to IP output
- Compatible with Vantiva's COM3000 DirecTV receivers



The Clearview™ 4-2-STDDEF is a professional grade low-cost-per-stream video Transcoder, designed to Transcode up to twenty-four HD or SD programs from H.264/MPEG-4 sources to SD MPEG-2 output in a 1RU form factor. The unit accepts Unicast H.264 video, over IP transport streams and re-encodes the video content to SD MPEG-2 video, over transport streams for IP Unicast delivery.

All Clearview™ products are hardware based, for ultra-high reliability service life, with video compression technology supporting low video bit rates and high picture quality. The product line provides an easy-to-use interface, capable of downloading and uploading configuration files for multi-unit deployments.

Clearview 4-2-STDDEF can be configured to receive up to twenty-four H.264 AES-128 encrypted IP channels from Vantiva's COM3000/2000 satellite receivers. The Clearview 4-2 SD decrypts the AES-128 content, Transcodes the decrypted HD or SD H.264 content into SD MPEG-2, while preserving DirecTV "forensic watermarking" and returns the content to the Vantiva COM3000/2000 devices.

Model No. Clearview 4-2-STDDEF Call for Pricing

Input			
Models	Clearview 4-2	Clearview 4-2-12	Clearview 4-2-STDDEF
IP			
Connector	1 x Front Panel RJ45 (IP Video Port, Input/Output)		
Standard	1000Base-T (GbE)		
Protocols Supported	UDP/IP	UDP	UDP/IP
Stream Protocols			
Standard	ISO/IEC 13818-1		
Decryption	AES-128		
TS Packet Length	188 bytes		
Sync Rate	0 x 47		
Bit Rate	Constant	Constant or VBR	Constant or VBR
No. of TS Supported	24 SPTS	12 SPTS	24 SPTS
CODEC	H.264	H.264, MPEG-4, AVC	
Input Resolutions	480i (30 FPS), 720p (60 FPS), 1080i (30 FPS), 1080p (30/60 FPS)		
Audio	Pass-through		
Routing Protocol	Unicast		
Alarms and Monitoring			
Local Monitoring	1x Power LED, 1x Temperature LED, 24x Status LEDs		
Local Control	1x IP Reset button		
Remote Monitoring/Control	1x RJ45 (1000Base-T GbE)		

Output			
Models	Clearview 4-2	Clearview 4-2-12	Clearview 4-2-STDDEF
IP			
Connector	1 x Front Panel RJ45 (IP Video Port, Input/Output)		
Standard	1000Base-T (GbE)		
Protocols Supported	UDP		
Stream Protocols			
Standard	ISO/IEC 13818-1		
Decryption	Watermarking		
TS Packet Length	188 bytes		
Sync Rate	0 x 47		
Bit Rate	Constant		
# of TS Supported	24 SPTS	12 SPTS	24 SPTS
CODEC	MPEG-2		
Input Resolutions	480i (30 FPS), 720p (60 FPS), 1080i (30 FPS), 1080p (30/60 FPS)		480i (30 FPS)
Audio	Pass-through		
Routing Protocol	Unicast		
General Specifications			
Dimensions	19.0 x 19.2 x 1.75" (488 x 488 x 45mm)		
Power	110-230 VAC, 1.0/0.5A, 60/50 Hz		
Power consumption	60 W	60 W	64 W
Weight	9.5 lbs (4.31 kg)		
Operating Temp	32 to 122°F (0 to 50°C)		
Storage Temp	-13 to 158°F (-25 to 70°C)		
Operating Humidity	0 to 95% RH @ 35°C max, non-condensation		

NXG Modular IP Video System

Blonder Tongue's NXG Video Delivery System solutions are highly customizable, module-based IP digital video processing platforms designed for delivering next-generation video services on any generation of coax or ethernet wiring without replacing existing infrastructure. The carrier-grade, 5-rack unit NXG Platform features hot-swappable blades for complete customization to meet the specific technological needs of any broadcast facility or enterprise location, including hospitality, educational, MDU residential, healthcare, business parks, or stadiums.

The NXG System Kit

- IP routing and traffic management
- System configuration and management via a powerful Linux-based monitoring and control system
- Module interconnection via 60 Gbps capacity high-speed backplane
- Hot-Swappable Power Supplies and Fans
- Distributes DC power to various sections and modules via 2 fully-redundant power supplies

The NXG System Kit, containing the Mainframe Chassis, Controller Module, and Power Supply, is a powerful 5RU set up that allows for complete customization based on specific technological needs.

A. Model No. NXG-SYSTEM KIT Call for Pricing

NXG 5RU Chassis Mainframe

- Chassis and module based system, not to be used as standalone item
- Chassis requires NXG-CNTRL control module, sold separately

The NXG-MFR mainframe is a rack mounted 5 RU chassis offering up to 12 slots for NexGen Gateway insert modules to be seated. This unit features a 60 Gb capacity backplane with ventilation fans and filters.

B. Model No. NXG-MFR Call for Pricing



Models	Type	Description	Price
C NXG-CCOD-24	Cable Card Insert, QAM Modulation Module	The NXG-CCOD-24 module is capable of tuning any twenty-four QAM channels from 54-1,002 MHz, and will decrypt any MediaCipher, PowerKey, or NDS encryption, based upon the customer-installed CableCARDs.	Call for Pricing
D NXG-CQAM-32	Clear QAM Input Module, 32 Channel	The NXG-CQAM-32 input module includes multiple full band capture QAM tuners to provide ingest of up to thirty-two programs from the incoming cable system. The NXG-CQAM-32 module is capable of tuning any twenty-four clear QAM input channels from 54-1,002 MHz.	Call for Pricing
E NXG-SDI4	SDI Encoder Module	The NXG-SDI4 module will encode up to (4) channels in MPEG-2, H.264 (AVC), or H.265 (HEVC) video to IP SPTS onto the NXG mainframe backplane for further NXG processing with optional QAM modulation, DRM/CAS, or IPTV multicast or unicast output.	Call for Pricing
F NXG-HDMI4	HDMI Encoder Module	The NXG-HDMI4 encoder module occupies one slot within the NXG platform modular headend chassis. The NXG-HDMI4 supports the ingest of SD and HD content from source resolutions up to 1080p60. H.265 (HEVC), H.264 (AVC), or MPEG-2 encoding formats are supported in all major resolutions from (480i to 1080p60). Output formats are IP SPTS onto the NXG 100% digital IP backplane for further NXG processing, including optional QAM modulation, DRM/CAS, or IPTV multicast/unicast output.	Call for Pricing
G NXG-IP	IP (SPTS) Input Module	The NXG-IP provides IP input and output connectivity to the NXG backplane. The NXG-IP module accepts incoming MPEG2 or H.264 IP transport stream in an SPTS (single program transport stream) format. The module supports up to 256 SPTS per (1)Gb RJ45 ethernet port. Full duplex for a total capacity of up to 1,024 SPTS inputs, and (1,024) outputs per module.	Call for Pricing
H NXG-CNTRL	Control Module	The NXG-CNTRL is a master controller module, and utilizes a 10 GbE data port for distribution of IP streams to all modules as needed, and controls the entire platform.	Call for Pricing
I NXG-PS	Power Supply	The NXG-PS is the power supply required for operation of the NXG gateway mainframe and related parts, user note 2 NXG-PS are required for system power supply redundancy.	Call for Pricing

NXG Service Level Agreement - Standard

The NXG-SLA-STD is a NXG product service level agreement completed between the customer and product manufacturer. This support is eligible Monday through Friday, 9:00am to 9:00pm EST.
Model No. NXG-SLA-STD Call for Pricing

NXG Service Level Agreement

The NXG-SLA-BUSHR is a NXG product service level agreement completed between the customer and product manufacturer. This support is eligible Monday through Friday, 9:00am to 5:00pm EST.
Model No. NXG-SLA-BUSHR Call for Pricing

Clear QAM solution for non-MPEG-4 TVs.

Perfect for senior living, healthcare and hospitality environments.



Digital TV Set-Top Boxes with DVR (QAM/ATSC)

Receive over-the-air (ATSC) and clear QAM digital cable channels on virtually any television. Both models support DVR recording via USB storage, USB media playback, and HDMI, RCA, and RF outputs.

A. Enhanced Digital TV Receiver with DVR

The **CT-STB-DVR-V2** combines digital TV reception, DVR functionality, and media playback with several user-friendly enhancements. Features include an interactive program guide, virtual channel display, closed caption support, and a learning remote that controls TV power and volume functions—eliminating the need for a second remote. Optional USB Storage for CT-STB-DVR-V2 - Use DT-USB-128GB-FAT32.

A. Model No. CT-STB-DVR-V2 \$79.90

B. Value-Priced Digital TV Receiver with DVR

The **CT-STB-DVR** delivers reliable ATSC and clear QAM reception, DVR recording, and USB media playback in a compact, easy-to-use package. An economical solution for basic digital TV reception and recording applications.

Optional USB Storage for CT-STB-DVR: Use DT-USB-128GB.

B. Model No. CT-STB-DVR \$25.00

DataTronix 128GB USB Drive

Compatible with the CT-STB-DVR for DVR recording and playback.

Model No. DT-USB-128GB \$21.99

Compatible with the CT-STB-DVR-V2 for DVR recording and playback.

Model No. DT-USB-128GB-FAT32 \$21.99

NEW



CT-STB-DVR-V2

Enhanced Features:

- Interactive Program Guide
- Virtual Channel Display
- Closed Caption Support
- TV-Control Learning Remote
- ATSC/QAM Reception
- DVR Recording
- USB Media Playback
- HDMI/RCA/RF Outputs

CT-STB-DVR Features:

- Value-priced digital TV receiver with DVR & USB media playback.
- ATSC/QAM Reception
- DVR Recording
- USB Media Playback
- HDMI/RCA/RF Outputs

Optional Remote Controls for the CT-STB-DVR Series:



CT-STB-DVR-RC Learning Remotes

Learning Remote for CT-STB-DVR Set Top Box.

A. Model No. CT-STB-DVR-RC...\$6.70

Big Button Learning Remote for CT-STB-DVR-V2 Set Top Box.

B. Model No. CT-STB-DVR-V2-BBR\$9.90



Visium, Pro:Idiom Decryptor Set-Top Box

Delivers DIRECTV encrypted content to non-Pro:Idiom displays. Supports QAM/IPTV sources with HDMI 2.0 output, integrated IPG, Wi-Fi, and cloud management.

- QAM & IPTV compatible
- Pro:Idiom decryption
- HDMI 2.0 / HDCP 2.2
- IPG & cloud management
- Wi-Fi enabled
- Includes remote, IR extender & power supply
- 6-year cloud license included

Set Top Box

Model No. VSBB100-OFFLINE Call for Pricing



LG STB-6500 Pro: Centric IPTV Set-Top Box

UHD IPTV set-top box with embedded Pro:Idiom decryption and LG Pro:Centric Smart platform support for non-Pro:Idiom and non-Pro:Centric displays.

- 4K UHD decoding & upscaling
- Pro:Idiom® enabled
- LG Pro:Centric® IPTV
- HDMI, USB, LAN & RS-232
- Bluetooth audio
- Mobile pairing
- Includes PRISM-38-3-S IR target

Model No. STB-6500 Call for Pricing

CableTronix Discreet IR Target Cable

Extends IR control to hidden set-top boxes and satellite receivers. Compatible with DIRECTV, AEP, Visium, and LG STB systems.

Model No. CT-IRTG-6D\$5.58



Video Management System for Bars & Restaurants

MEDIATUNE

HD Switched Matrix System For DIRECTV

Mediatune presents a fundamental shift in how you might typically think about controlling a video distribution system. RF distribution systems provide a fixed channel line-up allowing each TV to tune through channels. In a Mediatune configuration, each TV is set to a fixed QAM channel and the source is switched.

The control interface then allows you to search through the entire DIRECTV™ channel package to select the desired programming, and then place that programming on the desired TV to watch. You can watch the same content on all the TVs, or depending on how many tuners are in the system, each TV can have its own tuner allowing each TV to watch a different source channel.

Features

- Up to 70 unique video outputs with unlimited DIRECTV, ATSC, or external content inputs.
- Original DIRECTV™ broadcast quality content delivered over QAM distribution. No signal transcoding, encoding or other signal manipulation which can degrade quality.
- Pro:Idiom™ protected video to ensure copy protection is maintained all the way to television display.
- Simple to install, easy to manage, less than half the size and cost of a traditional switched matrix video system using stacked receivers.
- 4K Ultra HD capable. Delivers all DIRECTV™ 4K Ultra HD programming to 4K Ultra HD capable TV sets

MEDIATUNE Components

COM51 – HD Receiver Blade

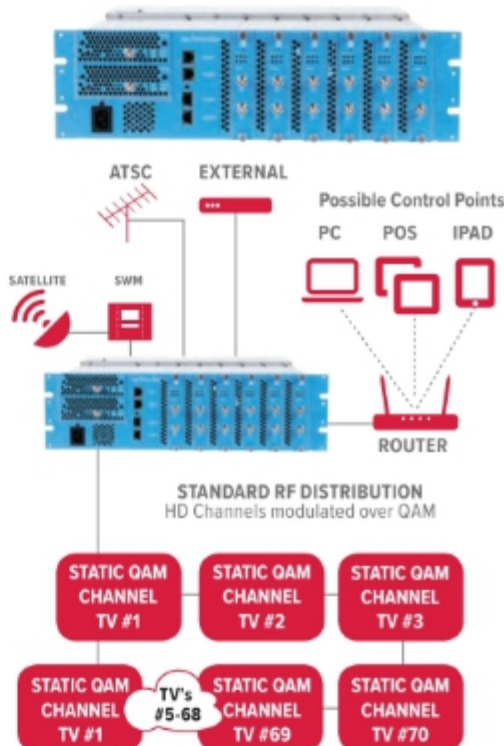
- 8 HD DIRECTV™ tuners (upgradeable to 23)
- Pro:Idiom content protection
- Up to 6 cards can fit into a COM400 chassis

QAM4 – 16 x 256 EdgeQAM

- 16 channel EdgeQAM upgradeable to as many as 48 channels
- Supports 2 HD streams per QAM channel*
- 2 QAM4's can fit into a COM400

Mediatune, 4K UHD Commercial Satellite VMS Add-On To Com3000 Headend System

Model No. SWMT Call for Pricing



Mediatune IP Endpoint license for endpoints 11 and above (priced per endpoint)

Model No. SWMT-IP-11+ Call for Pricing



Clearview NTSC-16 COM2000/COM3000 Modulator

- Creates a 16 NTSC RF analog modulated channel lineup
- Decodes MPEG-2, H.264, and H.265 video content
- Dolby® Digital AC3, AAC, MPEG1-Layer2, MP3 audio decode
- Line 21 Closed Caption EIA 608 pass through
- Supports AFD or Manual aspect ratio config., 4:3 or 16:9

The Clearview NTSC16 is a cutting-edge 1 RU, multi-channel digital to RF analog synthesizer, designed to convert up to 16 HD or SD programs and the primary audio channel to 16 NTSC modulated RF analog channels.

The Clearview NTSC16 can input MPEG-2, MPEG-4/H.264 (AVC), or H.265 (HEVC) formats from an IP transport stream. Each IP MPEG transport stream is decoded, NTSC synthesized, and modulated to an STD, IRC, or HFC RF analog channel. All (16) NTSC channels are agile within a 208 MHz frequency block. Users may place the 208 MHz block anywhere within the 54-1002 MHz frequency span.

Model No. CLEARVIEW NTSC-16 Call for Pricing



24 Channel IP to Analog Modulator Field Upgradeable to 32 Channels

- 2 Gigabit Ethernet ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each Gigabit Ethernet input
- Supports MPEG-2, MPEG-4, H.264 or H.265 Transport Stream (TS) Decapsulation
- Processing of up to 24 (upgradeable to 32 channels) IP multicast groups from a Gigabit Ethernet MPEG TS into up to 24 (upgradeable to 32) standard NTSC TV programs
- Supports Web-based Network management which allows for remote tuning of source streams and NTSC channel outputs

The DataTronix DT-NTSC-24 takes digital video signals from an IP source, such as a COM3000 or DT-ATSC-IP-8V2 and converts the IP source to analog modulated NTSC TV channels. This unit can output up to 24 NTSC channels, field upgradeable to 32 channels. It solves a common problem for senior living housing and any other commercial properties that may still have some analog TV's on site, or digital TV's not capable of decoding certain video formats. It can receive and decode multiple HD or SD IP video streams in either MPEG-2, MPEG-4, H.264 or H.265 format. This modulator supports numerous audio formats that can be decoded and reformatted for NTSC analog modulated TV channels.

Model No. DT-NTSC-24 Call for Pricing

32 Channel Upgrade

Model No. /M DT-NTSC-UPGD8 Call for Pricing



32 Channel NTSC/Standard Definition Output,
COM2000/COM3000 Modulator

Model No. DT-NTSC-32 Call for Pricing

Laptop Computer, Used For Remote System Connectivity, Wi-Fi Compatible

These laptops are customized to customer specifications for required programs and imaging. Ideal for remote troubleshooting with property maintenance teams and technician training applications.

Limited warranty applies; cosmetic signs of prior use should be expected.

Model No. CT-LAPTOP (refurbished) Call for Pricing

Requires USB-ETHERNET-ADAP to be sold separately for the unit to connect to the headend equipment.

Model No. CT-LAPTOP-1 (New) Call for Pricing



COM3000 Digital System Options for Commercial Lodging or Institution Satellite Television Systems

Advanced Entertainment Platform (AEP)

The Advanced Entertainment Platform (AEP) provides DIRECTV linear satellite and broadband over-the-top (OTT) content for an enhanced entertainment experience for your customers. This next-generation solution adds an in-room set top box, antimicrobial custom remote and cloud services to the HD COM3000 system.

Designed specifically for the hospitality, healthcare and other commercial institution markets, the Advanced Entertainment Platform Provides curated targeted content through a customizable, user-friendly interface.

Android Commercial Set Top Box

Model No. UCW4060MCS-DTV

Basic Remote Control Infrared And Bluetooth, For UCW4060MCS AEP Gen2 Set Top Box

Model No. RC90C-DTV

DataTronix Large Button Remote designed specifically for AEP2 Set-Top Boxes

Model No. DT-DTVSTB-RC

Replacement Power supply for UCW4060MCS*

Model No. TCH37894780



**Contact NACE for
System Design Assistance!**



Flexible, cloud-delivered updates to meet changing market needs



Customizable home screen includes a logo, welcome message, background image and more



4K content



Add your own channels and share information with your customers with local and over-the-air content insertion features



Remotely manageable
no PMS integration required



Streaming from personal devices
through STAYCAST™ (Sold Separately)



On demand programming through
app-based content



Live TV: includes sports, breaking news,
hit shows and more

**Give your customers more entertainment options
and ways to consume content**

Commercial Headend Equipment



NEW

Big Button Remote

Designed for AEP2 Set-Top Boxes & H26K Receivers

The DataTronix Large Button Remote is engineered to simplify television operation in retirement homes, senior living communities, hospitals, and other accessibility-focused environments. Large tactile buttons, high-contrast backlit keys, and Braille markers make it easy for users of all abilities to navigate with confidence.

Available in two models to meet a variety of installation requirements.

- Large, easy-to-feel tactile buttons
- High-contrast backlit keys for improved visibility
- Braille markers for enhanced accessibility
- Simple, intuitive button layout
- Ergonomic design for comfortable handling
- Compatible with leading TV brands, including Sony, Samsung, LG, Panasonic, Vizio, and more
- Includes AA batteries

IR compatibility only (line-of-sight required)

Model No. DT-DTVSTB-RC \$11.18

RF, IR, and Bluetooth compatibility

(no line-of-sight required when using RF)

Model No. DT-AEP2-RF-IR-REMOTE \$8.29



NEW

Big Button Remote

Designed for AEP1 Set-Top Boxes

Although AEP1 set-top boxes have been out of production for years, thousands remain in service throughout retirement homes and senior living communities. When the original remotes are lost, damaged, or simply worn out, the DataTronix Big Button Remote provides an easy-to-use replacement designed with accessibility in mind.

- Original AEP1 remotes are broken, lost, or worn out
- Residents struggle with small buttons or confusing controls
- Service calls increase due to remote-related issues

Model No. DT-AEP1-REMOTE... \$10.00



7" LCD Monitor – HD 1080p, Non-Pro:Idiom

- Resolution: 1024 x 600 pixels
- Inputs: HDMI, VGA, 3.5mm AV
- Audio: Built-in speakers, earphone jack
- Includes: Monitor, HDMI & A cables, 12V DC adapter, remote control, mounting bracket

Model No. CT-LCDMON-7 \$99.00



Antimicrobial Big Button Remote Control (TV or TV + Cable Box)

Antimicrobial large-button remote designed for healthcare and hospitality applications. Compatible with 250+ TV brands and features one-touch setup for Samsung, LG, RCA, and more.

- Large, easy-to-use buttons
- Antimicrobial, easy-to-clean surface
- One-touch TV setup
- Microtexture grip
- Uses (2) AAA batteries (sold separately)
- Not compatible with TV/DVD or combo units

A. Model No. CR3BCB \$9.09

Antimicrobial Universal TV Remote

Hospitality-grade antimicrobial remote compatible with Samsung, LG, Philips, Hisense, Panasonic, & other major TV brands.

- Guest-friendly button layout
- Uses (2) AA batteries (not included)
- Spill-resistant design
- Hidden battery compartment

B. Model No. BR100B \$5.79

Antimicrobial Hospitality Remote Control

Hospitality remote for Samsung, LG, and RCA commercial TVs.

- Antimicrobial, spill-resistant design
- Samsung REACH & LG Pro compatible
- Dual-band Samsung/LG technology
- Uses (2) AA batteries (not included)

C. Model No. CR4-B \$9.49

SCR-10 Hospitality Remote

Commercial-grade remote for hospitality TVs and entertainment systems.

- Compatible with LG, Samsung, RCA, Philips & DIRECTV AEP
- Supports Sonifi, Enseo, WorldVue & Guestek
- Backlit keypad with dedicated Netflix button
- Spill-resistant, easy-to-sanitize design
- Uses (2) AA batteries (not included)

D. Model No. SCR-10 \$14.50

AAA Batteries

Pair of generic AAA alkaline batteries. Includes 2 batteries.

Model No. BATTERY-AAA (PAIR) \$7.50





ADVANCED ENTERTAINMENT PLATFORM CUSTOMER STAGING OPTIONS

For Unit UCW4060MCS-DTV

THE ULTIMATE TIER

\$15.00 Surcharge/Unit

Services Included in the Ultimate Tier per COM3000 with AEP Purchase:

- Application of Pro:Idiom Mobile encryption key to COM51 unit(s)
- Access and register system within distributor DIRECTV monitoring dashboard
- Completion and confirmation of registration of COM51 unit(s)
- Performance of serial number audit comparing unit housing serial number versus serial number on packaging
- Testing and confirmation of unit WIFI radio operability
- Configuration of unit SSID information for further integration with Alcatel WIFI access points
- Confirmation of serial number registration per UCW4060MCS-DTV unit
- Perform and update any available firmware updates
- Testing of interactive program guide (IPG) per unit(s)
- Testing of HDMI streaming output by connecting unit to a test display
- Log into dealer portal and conduct property home screen customization

Note to dealers, credentials will be required to be supplied for this last step.

THE DELUXE TIER

\$10.00 Surcharge/Unit

Services Included in the Deluxe Tier per COM3000 with AEP Purchase:

- Application of Pro:Idiom Mobile encryption key to COM51 unit(s)
- Access and register system within distributor DIRECTV monitoring dashboard
- Completion and confirmation of registration of COM51 unit(s)
- Performance of serial number audit comparing unit housing serial number versus serial number on packaging
- Testing and confirmation of unit WIFI radio operability
- Configuration of unit SSID information for further integration with Alcatel WIFI access points
- Confirmation of serial number registration per UCW4060MCS-DTV unit
- Perform and update any available firmware updates
- Testing of interactive program guide (IPG) per unit(s)
- Testing of HDMI streaming output by connecting unit to a test display

Services Not Included in the Deluxe Tier

- Log into dealer portal and conduct property home screen customization

THE BASIC TIER

\$1.50 Surcharge/Unit

Services Included in the Basic Tier per COM3000 with AEP Purchase:

- Application of Pro:Idiom Mobile encryption key to COM51 unit(s)
- Access and register system within distributor DIRECTV monitoring dashboard
- Completion and confirmation of registration of COM51 unit(s)
- Testing of HDMI streaming output by connecting unit to a test display

Services Not Included in the Basic Tier

- Performance of serial number audit comparing unit housing serial number versus serial number on packaging
- Testing and confirmation of unit WIFI radio operability
- Configuration of unit SSID information for further integration with Alcatel WIFI access points
- Confirmation of serial number registration per UCW4060MCS-DTV unit
- Perform and update any available firmware updates
- Testing of interactive program guide (IPG) per unit(s)
- Log into dealer portal and conduct property home screen customization

800.688.9282

nace.tv

sales@nace.tv

NACEConnect Business TV

Your Master System Operator for
Commercial, Lodging, and Institutions

NACEConnect Business TV Advantages

- Authorization to represent one of the most recognizable brands in the industry
- Frequent incentive promotions exclusively from NACE give you an advantage over competitors
- No minimum activation requirements
- 24/7/365 Administrative & Technical Support
- Marketing programs available to market your business
- Training & support for running a DIRECTV business model
- Equipment financing options
- Four fully stocked warehouses across the country
- Four assembly labs nationwide for fast delivery
- System design assistance with itemized quotations & parts lists

COMMISSIONS PAID

FOR MANAGED INTERNET & TV CONTENT SOLUTIONS

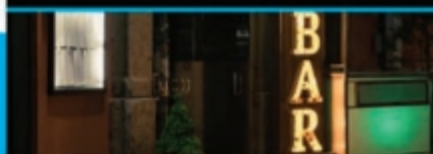
DIRECTV® Receiver Buy-down Program

Ask About Our Receiver Buy-down Program Available For Lodging & Institution and Commercial Systems



PERSONALIZED ONE-ON-ONE PROGRAMMING SUPPORT

Las Vegas, NV | St. Peters, MO | West Chester, PA | Longwood, FL



Let's Connect

800-688-9282

Press #9 for NACEConnect

naceconnect@nace.tv



**NACEConnect
Business TV**

QAM+ASI+IP Video Streamers

Insert HD content into coaxial and IP distribution networks

Features for All Models

- Up to 1080i (MPEG-2) / 1080p (H.264)
- MPEG-2 or H.264 encoding
- HDMI & Component/Composite inputs (DIN cable)
- QAM, ASI, and IP output support
- VCN channel mapping
- EAS & closed caption support
- Web-based GUI configuration
- +40 dBmV RF output
- 1RU rack-mount design

DT-IPTV-QAM-ASI-8HCW

8-Input HD Encoder/Modulator

Simultaneous QAM, ASI, and IP output for commercial RF/IP distribution. Delivers up to 8 HD channels through 4 QAM carriers or 8 SPTS IP streams.

- 8 HD inputs
- 4 independent QAM outputs
- Up to 8 SPTS IP streams
- Up to 8 ASI streams (MPTS)
- 40 dB MER

DT-IPTV-QAM-ASI-4HC

4-Input HD Encoder/Modulator with ASI

Compact 1RU platform providing QAM, ASI, and IP outputs for commercial RF distribution systems.

- 4 HD inputs
- 2 independent QAM outputs
- Up to 4 SPTS IP streams
- Up to 4 ASI streams (MPTS)
- Integrated strain relief manager
- 43 dB MER

DT-IPTV-QAM-ASI-2H

Dual-Input HD Encoder/Modulator with ASI

Space-saving 1RU encoder/modulator delivering simultaneous QAM, ASI, and IP outputs for commercial RF and IPTV networks.

- 2 HD inputs
- QAM, ASI, and IP outputs
- HDMI, Component & Composite inputs
- Front-panel LCD display
- Selectable QAM constellation



DT-IPTV-QAM-ASI-8HCW

8 High Quality HD QAM/IP/ASI output channels



DT-IPTV-QAM-ASI-4HC

4 High Quality HD/SD QAM/IP/ASI output channels



DT-IPTV-QAM-ASI-2H

2 High Quality HD QAM/IP/ASI output channels

Set Top Box, Visium, QAM or IP Input, Pro:Idiom

Decryptor Set-Top Box, HDMI 2.0 HDCP V2.2 Output

- Compact Size: 2.7" x 4.3" x .9"
- QAM and IP video ingest compatible
- Customizable IPG & UI with approved cloud portal access
- 802.11 b/g/n WiFi module for IPG updates, configuration, monitoring



Set-back security adapter designed to enable DIRECTV providers to deliver encrypted video to properties lacking Pro:Idiom capable commercial MPEG4 displays. Features an Integrated Program Guide (IPG), QAM and IPTV compatible, HDMI (2.0) output with HDCP encryption, includes prism style IR extender, programmable remote control, and power supply. Purchase price includes (6) year license for online cloud management portal, an additional yearly fee will apply after year 6. This unit is convertible to an offline unit where no additional fee is required, firmware updates would require manual application in OFFLINE mode. 90 day warranty.

Set Top Box

Model No. VSBB100-OFFLINE Call for Pricing

Replacement IR Remote Control

Model No. VSBB-RCU Call for Pricing

Replacement Power Supply

Model No. VSBB-PSU Call for Pricing

Firmware update - Our lab can do a firmware update and save the installer the time in the field.

Model No. VSBB100 FIRMWARE UPDATE Call for Pricing

Commercial Modulator Series


NEW

QAM Modulator / Video Encoder

- All-in-One Design: Combines MPEG-2 video encoder, QAM modulator, and integrated power supply in a single unit for a complete, self-contained solution
- Rack Mountable: Easy installation in standard racks, perfect for professional AV setups and large-scale deployments.
- High Definition (1080i): Supports MPEG-2 encoding for high-definition video quality.
- Flexible HDMI Input: Accepts one HDMI input, ideal for digital signage, custom content, and licensed video.
- Multiple Output Formats: Supports agile QAM (channels 2-135) and ATSC (channels 2-69) formats for versatile applications.
- Powerful RF Output: Provides +41 dBmV RF output for reliable signal transmission.



The DT-QAM-AMM-1A1N1 simplifies HD content distribution in coaxial cable TV networks, making it ideal for commercial applications such as digital signage, video surveillance, and local TV broadcasting. Its sleek, rack-mountable design ensures easy installation without the need for external power supplies or additional hardware, reducing setup complexity and costs.

QAM Modulator / Video Encoder

Model No. DT-QAM-AMM-1A1N1\$459.00


NEW

2-Ch., 4-Ch. & 8-Channel QAM Encoder Modulators

DataTronix QAM encoder modulators convert multiple HDMI video sources—such as satellite receivers, Blu-ray players, digital signage players, or security cameras—into QAM channels that compatible televisions can tune directly, eliminating the need for individual set-top boxes. Available in 2-, 4-, and 8-channel models, these encoder modulators provide a reliable and cost-effective solution for distributing HD video over existing coaxial cable infrastructure.

- 2-, 4-, or 8-channel models
- MPEG-2 (2-Ch.)
- MPEG-2 & MPEG-4 AVC (4-/8-Ch.)
- Integrated QAM
- Independent channel mapping
- Web interface
- Rack-mount design
- 24/7 operation
- Professional reliability



DT-QAM-ENC-2-MPG2



DT-QAM-ENC-4-MPG2



DT-QAM-ENC-8-MPG2

2-Channel MPEG-2 QAM Encoder Modulator

Model No. DT-QAM-ENC-2-MPG2 \$995.00

4-Channel MPEG-2 & MPEG-4 AVC (H.264) QAM Encoder Modulator

Model No. DT-QAM-ENC-4-MPG2 \$2995.00

8-Channel MPEG-2 & MPEG-4 AVC (H.264) QAM Encoder Modulator

Model No. DT-QAM-ENC-8-MPG2 \$3495.00

Stream Sports Programming On Every Screen



4- and 8-Channel HDMI to IP IPTV Encoders

The DataTronix DT-IP-ENC Series provides reliable HDMI-to-IP encoding for IPTV headends, QAM systems, and commercial AV applications. Available in 4-channel and 8-channel models, these encoders convert HDMI sources into high-quality IP streams using MPEG-4 or MPEG-2 compression with UDP and RTP transport.

Designed for 24/7 operation, the DT-IP-ENC Series supports unicast and multicast streaming, multiple audio formats, Gigabit Ethernet connectivity, and easy web-based management.

- 4- or 8-channel HDMI input configurations
- MPEG-4 and MPEG-2 video encoding
- UDP/RTP streaming with unicast and multicast support
- SPTS IP output
- MPEG-1 Layer II, AAC, and AC3 audio support
- Up to 1080p HD input resolution
- Gigabit Ethernet output
- Web-based configuration and remote management
- 1RU rack-mount design



DT-IP-ENC-4



DT-IP-ENC-8

4 HDMI Input Channels

Model No. DT-IP-ENC-4 Call for Pricing

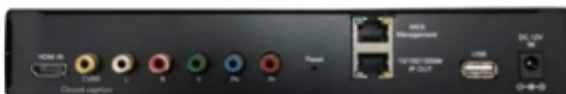
8 HDMI Input Channels

Model No. DT-IP-ENC-8 Call for Pricing


DT-HDIPSSL HD IP Streaming Server

The DT-HDIPSSL from DataTronix is a high-definition IP streamer designed to allow users to stream any one audio/video source over an IP Network. It offers seamless, reliable streaming with clear visuals and immersive sound, ideal for professional settings like conference rooms, schools, and entertainment venues, delivering an exceptional streaming experience. DT-HDIPSSL can be used for COM systems but does NOT have RTSP and will not support DRE Plus systems.

- HDMI, Component, Composite Inputs with Auto Detection
- Dual Mode, H.264 AVC/MPEG-2 selectable
- Video Resolution: Up to 1080P
- Audio Format: MPEG1-Layer 2
- AC-3 pass through
- Easy Installation and use



- Web GUI for setup and control
- Gigabit Ethernet RJ45
- Not HLS compatible

Streaming High Definition IP Server

Model No. DT-HDIPSSL Call for Pricing

PROFESSIONAL VIDEO DISTRIBUTION SOLUTIONS


ATSC/QAM
PROCESSING

IPTV
STREAMING

COAX
DISTRIBUTION

WEB-BASED
MANAGEMENT

GIGABIT
ETHERNET

24/7/365
U.S. SUPPORT

Convert Broadcast & Legacy Video for Modern Distribution

Stream ATSC, QAM, and SD video over IP or coax.



4 Channel ATSC to IP Streamer

- **4 Independent Signal Processors:** Equipped with four ATSC/QAM transponders for versatile signal reception.
- **Flexible Output Options:** Capable of outputting IP streams as 4 MPTS (Multiple Program Transport Streams) or 128 SPTS (Single Program Transport Streams).
- **Advanced Filtering & Remapping:** Supports Conditional Access (CA) PID filtering, remapping, and PSI/SI editing for enhanced stream control.
- **Customizable Streaming:** Select and stream only the desired input programs for efficient bandwidth management.
- **User-Friendly Interface:** Graphic user interface (GUI) for easy setup and configuration, simplifying operation for users of all levels.



The DataTronix 4-Channel ATSC Streamer converts up to four ATSC or clear QAM channels into IP streams using UDP or RTP protocols. Ideal for IPTV deployments, it can also be paired with a QAM modulator for coax distribution. Includes 12VDC power supply.

4 Channel ATSC to IP Streamer

Model No. DT-ATSC-IP-4\$838.88



12-Source SD RCA to QAM Encoder Modulator

Convert SD Video to QAM for Coax Distribution

The DataTronix 12-Source SD Encoder Modulator converts up to twelve composite video inputs into four digital QAM channels for coax distribution. Designed for commercial headend systems, it uses MPEG-2 encoding to deliver reliable RF output to TVs with integrated QAM tuners.

A compact 1RU rack-mount design and web-based interface enable quick installation and simple configuration across a wide range of video distribution applications.

DataTronix 12-Source SD RCA
to QAM Encoder Modulator

Model No. DT-QAM-12-SDCall for Pricing



- 12 RCA composite video inputs (stereo audio)
- Converts 12 SD sources to 4 QAM channels
- MPEG-2 video encoding
- 64QAM / 256QAM modulation
- RF output: 54–864 MHz
- Web-based setup and management
- High output level (50+ dBmV, 38+ dB MER)
- Compact 1RU rack-mount design

Deliver FREE Off-The-Air Channels to hotels, prisons, senior living, hospitals and more

- Your customers will still have access to off-air local channels if their satellite system goes down
- Get more activations than your competitors
- Your customers will be immune to local channel programming disputes
- Save your properties money – add Free Over-the-Air channels and the associated sub-channels to their program line-up

ATSC to QAM Converter

Features

- Accepts up to 8 RF inputs (ATSC-8VSB over-the-air or QAM)
- Up to 8 Independent QAM-B Outputs that can also carry digital sub channels
- Allows User to "Cherry Pick" Desired Programs as Needed
- Graphic User Interface for configuration
- Sources can be mapped to output QAM TV channels

The DataTronix DT-ATSC-QAM-8V2 allows the operator to create a custom QAM distribution system output from ATSC off-air and/or QAM input sources. This unit accepts up to eight 8VSB over-the-air channels (including sub-channels), or clear QAM sources from a CATV feed, and outputs in QAM. The outputs can be mapped to desired TV channels.

The DT-ATSC-QAM-8V2 processes most major local broadcast networks that have a second or third local channel. These channels can contain important weather-related content, local sports, or secondary programming. Integrators who operate satellite-delivered TV systems will find this unit to be the perfect solution for adding external over-the-air or clear QAM content to their QAM distribution system.

As an added benefit, because the additional programming does not come from the satellite source, in the event of a satellite outage this unit will continue to deliver the additional programming to the property.

Model No. DT-ATSC-QAM-8V2Call for Pricing

ATSC to IP Converter

Features

- Accepts up to 8 RF inputs (ATSC-8VSB over-the-air or QAM)
- Allows for Up to 64 Output Programs
- Allows User to "Cherry Pick" Desired Programs as Needed
- Supports STD/HRC/IRC Formats
- UDP / RTP Multicast / Unicast
- Easy to Setup and Monitor with Graphic User Interface

The DataTronix DT-ATSC-IP-8V2 allows the operator to create a custom IPTV distribution system output from ATSC off-air and/or QAM input sources. This unit accepts up to eight 8VSB over-the-air channels (including sub-channels), or clear QAM sources from a CATV feed, and outputs in IP. These outputs can be mapped to a desired unicast or multicast IP address.

The DT-ATSC-IP-8V2 processes most major local broadcast networks that have a second or third local channel. These channels can contain important weather-related content, local sports, or secondary programming. Integrators who operate satellite-delivered TV systems will find this unit to be the perfect solution for adding external over-the-air or clear QAM content to their IP distribution system.

As an added benefit, because the additional programming does not come from the satellite source, then in the event of a satellite outage this unit will continue to deliver the additional programming to the property.

Model No. DT-ATSC-IP-8V2Call for Pricing



- Front Panel LED Indicators
- Rack mountable 1RU height



- Front Panel LED Indicators
- High Density 1RU Design

Kramer HDBI-2840I & HDBI-2880I 4K HDBaseT 2.0 Long-Reach Extenders

The Kramer HDBI Series delivers high-performance 4K signal extension over standard twisted pair cabling, making it ideal for professional AV installations requiring long-distance, high-resolution transmission with reliability and simplicity.

Designed for conference rooms, classrooms, hospitality, and commercial environments, these extenders support ultra-high-definition video, audio, control signals, and Ethernet — all over a single cable.

NEW



HDBI-2840I

- Extends HDMI up to 40m (130 ft) at 4K
- HDBaseT 2.0 technology
- Supports 4K60 (4:2:0) resolution
- Bi-directional IR and RS-232 pass-through
- PoC (Power over Cable) support
- Compact, installation-friendly design

HDBI-2880I

- Extends HDMI up to 80m (260 ft) at 4K
- HDBaseT 2.0 technology
- Supports 4K60 (4:2:0) resolution
- Bi-directional IR and RS-232 pass-through
- PoC (Power over Cable) support
- Long-reach solution for larger venues

Model No. HDBI-2840I
Call for Pricing

Model No. HDBI-2880I
Call for Pricing

The HDb2500 Series is a key component of the approved "Receiver-Less Solution" for institutions.

ZeeVee encoder/modulators convert video sources into digital cable channels, broadcastable over coaxial cabling to unlimited HDTVs. Using the built-in tuner, they eliminate the need for matrix switches, home run wiring, and devices at individual TVs.



Two channel 720p HD Modulator with two
DIN to RCA component breakout cables

Model No. HDb 2520 Call for Pricing

Four channel 720p HD Modulator with four
DIN to RCA component breakout cables

Model No. HDb 2540 Call for Pricing



Two channel 720p HD Modulator with two
DIN to DIN cables for H25 receivers

Model No. HDb 2520-DTV Call for Pricing

Four channel 720p HD Modulator with four
DIN to DIN cables for H25 receivers

Model No. HDb 2540-DTV Call for Pricing



Two channel 1080p/i HD Modulator with two
DIN to RCA component breakout cables

Model No. HDb 2620 Call for Pricing

Four channel 1080p/i HD Modulator with four
DIN to RCA component breakout cables

Model No. HDb 2640 Call for Pricing



Two channel 1080p/i HD Modulator with two
DIN to DIN cables for H25 receivers

Model No. HDb 2620-DTV Call for Pricing

Four channel 1080p/i HD Modulator with four DIN to DIN cables
for H25 receivers

Model No. HDb 2640-DTV Call for Pricing

Smarter, Smaller HD Video Distribution over coax and/or Ethernet

ZeeVee Pro Series HD Video Modulators &

Pro Series with IP Streaming

1 or 2 Channels of Digital High Definition in a stand alone chassis

The ZvPro Series of encoder/modulators is used in smaller video and signage systems, and it continues to be a best seller. Now ZeeVee has added the I-Series to the ZvPro lineup, with all the features of a ZvPro PLUS simultaneous video-over-IP streaming.

Hardware Features

- Use Existing Coax or Ethernet Cable
- Set All Channels at Once
- MPEG2 Video and Dolby® AC3 / MPEG1 Audio Encoding
- QAM and/or IP output
- Optimized Rack Space
- Unified Architecture and Technology Across All Products

Key Product Features

- Free Information Channel
- Emergency Alert System Built In
- Five Year Warranty
- Closed Caption Capability
- Delayed Audio
- Multi-box Management

ZvPro I-Series

- Simultaneous RF/IP stream output with no compromise in performance

Advanced Management Software

- Color Front-Panel Display
- Maestro Web-based Management Tools
- Local and/or Remote Configuration

ZvPRO 610



ZvPRO 620



ZvPRO 810



ZvPRO 820


ZV710-6 6'
DIN to VGA Cable

ZVPRK Rack
Mount Kit

ZV709-3 3' | ZV709-6 6'
DIN to Component Cable
ZV739E-3-1 3' | ZV739-6-1 6'
DIN to MINI DIN Cable

ZeeVee Pro Series

Models	ZvPRO 820	ZvPRO 810	ZvPRO 620	ZvPRO 610
Channels	2 HD	1 HD	2 HD	1 HD
Input Type	Unencrypted HDMI		Component or VGA	
Audio	Analog, Digital On All ZvPro Models		Analog, Digital On All ZvPro Models	
Required Input Cable	HDMI (Sold Separately)		Hydra Component or HydraVGA (Sold Separately)	
Video Distribution	Up to 1080 p / i On All ZvPro Models		Up to 1080 p / i On All ZvPro Models	
Delay Matched Audio	Single Channel On All ZvPro Models		Single Channel On All ZvPro Models	
Closed Caption	Integrated On All ZvPro Models		Integrated On All ZvPro Models	
Fan Cooling	Integrated, Front to Back Cooling On All ZvPro Models		Integrated, Front to Back Cooling On All ZvPro Models	
Mount Type	Integrated Wall Mount, Rack Mount Kit Sold Separately		Integrated Wall Mount, Rack Mount Kit Sold Separately	
Warranty	5 Year Manufacturer Warranty		5 Year Manufacturer Warranty	
Models	ZvPRO 820i	ZvPRO 810i	ZvPRO 620i	ZvPRO 610i
Features	ZvPro I series units have a simultaneous RF/IP stream output with no compromise in performance.			

Replacement Power Supply for ZvPro Systems **Model No. ZVPRO-PS-REP**Call for Pricing

ZeeVee manufactured equipment allows distribution of HD digital signage and HD programming sources using existing broadband coax cabling in facilities not required to encrypt content. Use in other facilities is prohibited.

COM3000 Technical Support

NACE strives to support our dealer network with top notch technical services in a constantly changing and progressing digital marketplace. In an effort to compliment our technical training classes, we provide telephone and or VPN support at an hourly rate.

The NACE Pre-purchased Technical Support Package is also available for dealers who would like the peace of mind that is offered by purchasing blocks of COM3000 technical support in advance. By purchasing this technical support in advance, dealers are able to save money over the hourly charge as well as quantifying a predetermined cost that can be added to system pricing before quoting the customer. Contact your sales representative today for more information.



NACE's Technical Support per Hour Rates

Purchased	Support	Rates
Unrack'd System Components	COM3000 Telephone or VPN support	\$80 per hour billed in 15 minute increments at \$20 per 15 minutes.
Rack'd Systems No NACE Training		Free for 1st hour then \$80 per hour billed in 15 minute increments at \$20 per 15 minutes
Rack'd Systems with Completion of NACE Training		Free for first 3 hours then \$80 per hour billed in 15 minute increments at \$20 per 15 minutes.

NACE's Technical Support Pre-purchased Package Rates

Purchased	Support	Rates
5 hours Pre-Purchased Package	COM3000 Telephone or VPN support	\$300.00
10 hours Pre-Purchased Package		\$600.00

Our Technical Support is available 24/7/365

800.688.9282

After Hours Phone Numbers

Nevada Lab After Hours:	484.401.6004
Pennsylvania Lab After Hours:	484.889.8911
D.R.E. After Hours:	702.817.8939
DIRECTV Support After Hours:	484.653.8745



CableTronix 16 Agile Channel Analog Modulator

Features

- 16 RCA (CVBS) audio/video inputs
- 16 agile channel outputs (up to 860MHz)
- Network Management System (NMS) via RJ45 for remote access
- SAW filtering for adjacent channel configuration
- 1 RU rackmount design
- Web-based user interface
- Supports Closed Captioning

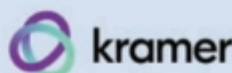
In a landscape where NTSC video remains supported by numerous legacy TVs, the demand for cost-effective analog modulation solutions persists. The CT-AAM-16RCAIN addresses this need by providing users with effortless installation and configuration of 16 independent channels.

Equipped with composite (CVBS) RCA baseband audio/video inputs, the unit accepts signals from various sources, including Set-Top Boxes and DVD players. This versatility makes it ideal for applications such as video surveillance monitoring on standard TVs, as well as TV distribution in hospitality settings like hotels, motels, and retirement homes, among other coaxial cable systems.

Engineered with SAW filtering and microprocessor control, the unit ensures optimal performance, with an output frequency capability of up to 860MHz. Setup is user-friendly, facilitated either via the front panel or the RJ45 port for seamless connection to the management system, enabling remote system management.

CableTronix 16 Agile Channel Analog Modulator

Model No. CT-AAM16-RCAIN \$1399.00



**We offer Kramer Audio Video products.
Contact your sales representative
for a personalized quote.**

This must-have unit can be quickly and easily be installed into a standard micro-modulator chassis, making upgrading your system to HD an effortless process!

NEW



Single Channel Agile Micro Modulator

- QAM Channels: 2 - 135
- Impedance: 75Ω
- ATSC Channels: 2 - 69
- RF Output: "F" Type, Female
- Output: 41 dBmV

The DataTronix DT-QAM-AMM-1 High Definition (HD) Digital Modulator is the ultimate solution for adding local content seamlessly into a coaxial cable TV network. This innovative device boasts the ability to generate an MPEG-2 encoded signal in either QAM or ATSC format from an HDMI input. Its sleek design features one HDMI input, one RF output, and one LAN port for web management. The DT-QAM-AMM-1 is the perfect addition to add locally generated content, such as digital signage, airport flight status channels, and video surveillance.

Single Channel Agile Micro Modulator +41 dBmV Output
Model No. DT-QAM-AMM-1..... Call for Pricing

Power Supply For Up To 12 Micro Style Devices

Model No. CTPS-12

Call for Pricing



Rack Chassis For Up To 12 Micro Style Devices

Model No. CTSC-12..... Call for Pricing

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.

Fixed Channel Micro Modulator

The CT-SFMM-10 is a commercial-grade, fixed-channel standard definition headend modulator designed for space-saving rack-mounted chassis installations. It delivers a reliable RF analog television signal in the CATV band (channels 2-62/ZZ) using composite audio/video inputs from various analog sources, including satellite receivers, cable headends, VCRs, DVD players, and security cameras.

Ideal for hotels, motels, bars, restaurants, and fitness centers, this modulator ensures a customized TV lineup across a coaxial distribution network. The CT-SFMM-10 requires the CTSC-12 rack mount chassis, which supports up to 12 CT-SFMM, CT-FMM, or CT-SAMM units. A separate CTPS-12 power supply is also required (both sold separately).

- RF Output Frequency: Fixed channel (CATV 2-62/ZZ)
- Rack Compatibility: Fits CTSC-12 chassis (up to 12 units)
- RF Output Level: +45 dBmV
- Front Panel Controls: RF, audio, video, and aural/visual ratio adjustments
- Output Impedance: 75 OHM
- SAW Filtered RF Output for superior signal quality

Fixed Channel Analog Modulator 50 dB Output, SAW Filtered
Available in Chs. 2-125

Model No. CT-SFMM-10..... Call for Pricing



Micro Agile Modulator

The CT-SAMM-V2 is a professional-grade, fully agile micro modulator designed to deliver high-quality audio and video modulated RF signals. Operating within a frequency range of 54-864 MHz, it supports CATV channels 2-135 and UHF channels 14-78, making it a versatile solution for various applications.

Compatible with standard video sources such as satellite receivers, demodulators, VCRs, DVD players, and security cameras, the CT-SAMM-V2 features highly stable synthesized frequency control for precise tuning. Its user-friendly front panel allows easy access to level controls and indicators, ensuring a straightforward setup.

Designed to meet or exceed FCC regulatory requirements, the unit includes group delay pre-distortion for color transmission and adheres to FCC Docket 21006 aeronautical offset requirements.

- Wide frequency range: 54-864 MHz output
- Exceptional broadband noise performance: -78 dBc
- Seamless integration: Compatible with Cabletronix CTSC-12 and BT MIRC-4D chassis/power supply
- Multi-feed power support: Works with Cabletronix CTPS-12 chassis-based power supplies

Model No. CT-SAMM-V2..... Call for Pricing



Headend Accessories

Commercial Satellite Headend Equipment

Blank modulator
space holder

Model No. CTBP-1
Call for Pricing

Replacement fan
for CTPS-12

Model No. CTPS-12-FAN
Call for Pricing



Modulator, Agile Channel
Selection CATV (2-135), Standard
Definition, Commercial Grade,
Micro Modulator Series

Model No. TMM-860
Chs. 2 - 135Call for Pricing



4 Modulator rack chassis w/power supply
Model No. MIRC-4DCall for Pricing

Wall Mountable Amplifiers



30 dB Forward Gain, 54-550 MHz

Model No. CTA-30-550 Call for Pricing

30 dB Forward Gain, 20 dB Reverse Gain, 54-870 MHz Forward,
5-42 MHz Reverse

Model No. CTA-30-870AR Call for Pricing

35 dB Forward Gain, Passive Return Path, 54-1,000 MHz Forward,
5-42 MHz Reverse

Model No. CTA-35-1000PR Call for Pricing

Replacement Power Supply for CTA-30-870AR

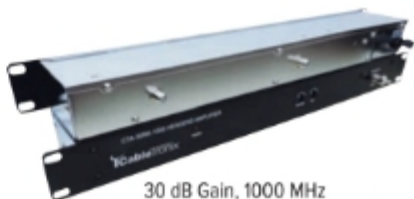
Model No. CTA-30-870AR PS2 Call for Pricing

Rack Mountable Amplifiers



30 dB Gain, 550 MHz

Model No. CTA-30RK-550 Call for Pricing



30 dB Gain, 1000 MHz

Model No. CTA-30RK-1000 Call for Pricing

Rack Mountable Combiners



24 Input Passive Combiner, 19" Rack Mountable,
High Port to Port Isolation, -30 dB Test Port

Model No. CTHC-24G Call for Pricing



12 Input Passive Combiner, 19" Rack Mountable,
High Port to Port Isolation, -30 dB Test Port

Model No. CTHC-12G Call for Pricing

Blonder Tongue Passive Rack Mountable Splitters

Features

- 5 - 1,000 MHz
- -20 dB Test Port
- High Isolation, Low Net Combining Loss
- Rack Mountable - 1 EIA (1.75") Rack Space
- 24 Output passive splitter

Model No. DFCS-24 Call for Pricing



32 Output passive splitter

Model No. DFCS-32 Call for Pricing

Blonder Tongue Passive Headend Combiners

Features

- 5 - 1,000 MHz
- -20 dB Test Port
- 8" Depth
- High Isolation, Low Net Combining Loss
- RFI Shielding for minimized egress/ingress interference
- Rack Mountable - 1 EIA (1.75") Rack Space

8 Input passive combiner

Model No. HPC-8 Call for Pricing

12 Input passive combiner

Model No. HPC-12 Call for Pricing



24 Input passive combiner

Model No. HPC-24 Call for Pricing

32 Input passive combiner

Model No. HPC-32 Call for Pricing

16 Input, 1 Output with Test Port, Rack Mounted, 5-1,000 MHz

The Drake PC1601 passive combiner is utilized at the cable television headend to combine the outputs of several modulators or channel processors on to a single coaxial cable. This model offers 16 inputs, respectively. This broadband products accepts input levels up to +60 dBmV, and passes 5-1000 MHz.

Model No. PC1601 Call for Pricing

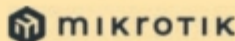


MikroTik- Recommended Networking Solutions

Enhance your Blonder Tongue headend installations with MikroTik networking products — ideal for delivering reliable, flexible, and scalable data and video distribution where RF, IP, and fiber converge. Whether you're connecting distributed headends, supporting IPTV services, or segmenting traffic, MikroTik offers professional-grade performance at exceptional value.

Suggested MikroTik Complements:

- CSS326-24G-2S+RM — 24x Gigabit + 2x 10G SFP+ switch for core and edge VLAN segmentation and fiber uplinks.
- CRS312-4C+8XG-RM — Multi-gig connectivity with 10G ports, perfect for high-bandwidth backbones.
- CRS112/CRS106 Series — Compact managed switches for smaller racks and distributed network closets.
- MikroTik SFP/SFP+ Modules — Fiber optics for long-distance interconnects.
- PoE Power Solutions — Support remote devices and simplify headend deployments.



Explore More MikroTik Solutions

Check out our [Data & Networking Section, pages 105–124](#), to find our complete line of MikroTik routers, switches, fiber modules, and accessories.



QAM Modulator / Video Encoder, 8 Component / Composite Inputs, 8 SPTS IP Outputs, High Definition 1080i, with Digital Video Watermarking



Features

- Accepts 8 HD programs
- Provides 8 SPTS IP outputs
- Configurable to ITU-T J.83 Annex A and B digital QAM formats
- Supports real-time Dolby digital audio encoding
- Supports closed captioning EIA-608 for each of the 8 encoded programs
- Equipped with EAS interface (analog video + L/R audio) and is compatible with all EAS receivers

The HDE-8C-QAM-IP-DIN 02 accepts up to eight analog programs from audio video sources utilizing component or composite outputs. The encoder digitizes, MPEG2 encodes each input into a high-definition stream, multiplexes the resulting eight streams, and modulates them onto four adjacent QAM channels in the 54-1,002 MHz range CATV channels 2-158. The unit additionally offers up to 8 SPTS single program IP transport streams for distribution to IPTV multicast compatible displays or set-top units. The option 02 offers digital video watermarking for any needed forensic signal inspection requirements, and offers DIRECTV H25 high-definition satellite receiver control. The unit supports user-defined PSIP configuration, supports closed-captioning, and provides an EAS interface if EAS integration required. This unit is commonly used in satellite or cable television SD or HD headend modulation racks in conjunction with satellite receivers or CATV set-top boxes.

Model No. HDE-8C-QAM-IP-DIN 02..... Call for Pricing

Add Digital Channels To Your Private Cable System!!! The AQT Converts ATSC Off Air Signals To Digital QAM CATV



8 Channel Off Air/QAM Transcoders

Converts 8 Off air channels to either QAM, IP or both

Features

- Encrypted QAM sources can be mapped to IP MPTS or SPTS formats in Pass Through mode for
- Remote PHY and Switch Digital applications
- Accepts up to eight RF inputs in 8VSB/QAM format
- Provides one common 8VSB/QAM input port with an internal active splitter
- 2:1 Multiplex Mode to configure eight ATSC 1.0 off-air channels to four MPTS for QAM
- PSIP manipulation
- Accepts EAS input in ASI or IP formats
- Supports EAS switching-based on contact closure trigger, or +5 to +12 VDC input
- Comprehensive GUI-based remote monitoring and control via any standard Web browser

AQT8-IP (8x8VSB/QAM to IP)

This unit allows the user to create a customized line up from off-air and/or cable feeds for IP distribution. The customizable IP output contains up to 20 programs with a combination of SPTS and/or MPTS across eight 8 IP addresses from eight 8 RF input sources.

Model No. AQT8-IP..... Call for Pricing

NACEConnect SignEase

Turn any TV into a digital sign

Digital Signage Made Easy

Create, Distribute, and Display Digital Signage
Content Using Your Existing Wi-Fi

- Turn any TV into a digital sign
- One small hardware device per screen
- Wi-Fi connection to the internet
- NO ADDITIONAL WIRING -all you need is electricity at the sign
- Controlled and managed from any web browser
- Create and manage content, playlists, and scheduled promotions
- Vast template library available

Consisting of a small media player and a web-based management console (where you can use existing graphics and templates), it is astonishingly easy to deploy and manage. Simply connect the media player to the display's HDMI input, enter Wi-Fi credentials, and your digital sign is ready to display your content without ever touching it again. The SignEase control panel provides intuitive drag-and-drop control over all content on all players of that account, regardless of where they are located in the world. All you need is internet access and a browser to make real time dynamic updates of all signage content and playlists.

Remote access to manage digital signage content is crucial for businesses that are widespread geographically and for those with managers who are not always on site. All content can be intuitively managed for all properties by a single person in a single location, eliminating the need to physically update content at each location.

In-browser Content Creation & Management

Content Creator

The content creator is filled with templates for a wide array of digital signage, hotel channel guide templates, advertising, weather forecasts and more. No graphic software degrees or experience is required. With included backgrounds, a drag-and-drop interface, and pre-formatted text fields, creating professional HD content is simple.



Web Portal

The SignEase web portal is the gateway to all of your devices. Signage content can be selected as desired by the system administrator and assigned to your properties, which can also be grouped. Simple, powerful control is only half the story. Realizing that clients need content, SignEase includes a built-in content creation suite. You just pick the right template for your needs and add your messaging.



No Additional Wiring
Simple Media Player
at each display

The SignEase hardware is simple and effective. The small media player can be mounted unobtrusively behind the display and connected to power with the included power supply. Simply connect it to the HDMI port of your display, temporarily connect your USB keyboard and mouse to set up Wi-Fi once, and you're done.

Let's Connect

800-688-9282

Press #9 for NACEConnect

naceconnect@nace.tv



Ideal For Adding a Low Cost Channel Guide to Your Headend Systems!

Miniature Digital Signage & Media Players

Features

- Plays full-screen presentations of videos up to 1080p, fixed images & audio files.
- Easy, plug-n-play design makes changing signage content effortless. No logins or internet connection necessary
- Small footprint fits perfectly behind most display screens
- Internet or secondary source connection is not required for use as the presentations reside locally
- There is no recurring monthly subscription fee for either unit
- Easy-to-use
- Effortless installation – As simple as connecting a DVD player
- Intuitive GUI is easy to navigate and manage
- Content management is straight forward & instinctive
- Dimensions/Weight: 3" x 2.25" x 0.5", 0.15 lbs.



**No Monthly Fees!
No Internet Connection Required!**

The DataTronix Mini Digital Signage Player allows you to display user created presentations that are informative and entertaining. These simple plug-n-play devices are capable of presenting full-screen slideshows and videos on any HDMI or composite input monitor. The Mini Digital Signage Player displays media files from a USB storage device or SD card, and does not require internet connectivity. Simply load your image, audio, or video files onto a flash drive and connect it to the Mini Digital Signage Player. The size of your presentation is only limited by the storage space of your USB or SD device.

Customize your slideshow presentations with user defined durations of 1, 3, 5 or 10 seconds per slide. Background music can also be inserted and played during a slideshow. Further customization options include a variety of transitions between images (vertical and horizontal Persian blinds, mosaics, wipes and random transitions). The small-size unit can be discreetly installed behind a monitor by using double faced tape, cable ties, or Velcro®. All units come with a remote control for accessing menu commands. For the clearest HD viewing experience, you can connect to the unit using a Cabletronix brand HDMI cable (not included). A composite video 3.5mm breakout adapter cable is included for SD deployments.

The Mini Digital Signage player is perfect for retail stores, boutiques, hotel lobbies, restaurant entrances, transportation sites, medical offices, educational institutions, fitness centers and much more.

Technical File Compatibility Specifications

- Video Up To 1080P
MPEG1, MPEG2, MPEG4, H.264, WMV9/VC-1, MJPEG, FLV, MKV
- Video Up To 720P RM/RMVB
- Image - JPG, BMP, PNG, GIF
- Audio - MP3, WMA, WAV, AAC, OGG, FLAC, APE, AC3, ATRAC, DTS, RA
- Subtitle - SSA, ASS, SUB, SRT, SMI, IDX+SUM

DT-HDMP-1 Miniature Digital Signage Player

The DT-HDMP-1 units have HDMI and A/V outputs and ship with a 3.5mm to composite cable. These units offer HD through the HDMI output and SD only through the A/V output.

Model No. DT-HDMP-1..... \$100.78

Contents Include

- 1 Signage Player
- 1 Power Supply
- 1 Remote Control
- 1 3.5mm to RCA Cable
- 1 Instruction Manual

**4GB USB flash drive,
USB 2.0, key chain style**

Model No. USB-4GB... \$5.99



Gigabit Ethernet 8-Port Switch for DIRECTV Headend Systems

- Non-PoE model
- Power supply included
- Copper Gigabit Ethernet ports only (no SFP/fiber optic ports)

The GS108-E-NTSC is a desktop (10/100/1000) Gbps eight-port managed ethernet switch. On top of the plug & play Gigabit Ethernet connectivity, these switches also offer essential networking features such as VLAN, QoS, IGMP Snooping, Link Aggregation and Port Trunking (16 port or greater models). By listening in on the IGMP conversation between hosts and routers, the Gigabit smart managed plus switch can maintain a map as to which links need which IP multicast streams, and will be able to forward multicast traffic only to the links that have asked for them and cut multicast traffic from links that do not contain a multicast listener.

Model No. GS108-E-NTSC Call for Pricing



Check out the Off-Air Antenna section for more details - pages 91-93



Outdoor Intelligent Off-Air Antenna

- VHF High Band (Channels 7–13)
- UHF (Channels 14–36)
- Ellipse Mix

Model No. TV-148883



Outdoor/Rooftop Off-Air Antenna Broadband VHF/UHF/FM Reception

- 28 Active Elements
- 65" Boom Length

Model No. HD-7694P

Off-Air Antenna Auto-Programming Preamplifier, 174-862 MHz, ATSC 3.0 Compatible, LTE Filtering, Accepts Up To 4 Separate Antenna Inputs

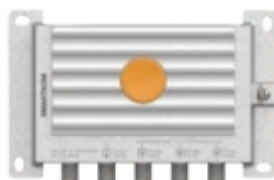


Model No. ATSC SMART AMP



Off-Air Antenna Profiler

Model No. PFA-6700
Model No. PFA-6701



SmartKom Intelligent Off-Air Antenna Amplifier

Model No. TV-531983



Off-air Antenna Pre-amplifier

Model No. LNA-200

NACEConnect

The Easy and Profitable Way to **Connect** Your Customers

Earn commissions selling internet and other communication services



Business Internet



Business TV



CloudView



SignEase



Cellular Uptime

Zv STBi3 IP Set Top Box

The STBi3 is a high performance IP Set Top Box. Simply plug it into your display, connect to the Network, and begin watching channels. Simple deployment with PoE and auto-discovery of ZeeVee generated IP feeds makes video deployment straight forward. The STBi3 architecture allows capabilities to be expanded over time as your requirements change. With STBi3, IP deployments are now as simple as RF deployments.

Autodiscovery

STBi3 auto-discovers the ZyPerMX, ZyPerMX2/4, HDBridge and ZvPro iSeries streams, which are added automatically to the lineup.

Additional Channels

Additional channels/streams can be added manually.

HD Formats

Supports several HD formats: H.265, H.264, MPEG-2, MPEG4, and others



IPTV Programs

Supports many kinds of IPTV programs

Control

Infrared remote control with programmable buttons allows direct control of the television (unified remote control for controlling user experience). Change channels remotely via IP commands.

Model No. Zv STBi3 Call for Pricing

Digital Cable Tuner

ZvSync is a digital cable tuner with HDMI, composite, and analog RF outputs.

It's small, affordable, and it can be used for:

- Projectors
- HDTVs Without Tuners
- Monitors
- Old TVs With No Digital Tuner
- HDMI, Composite and RF Outputs
- EAS Compatible
- Closed caption compatible
- Supports digital & analog RF video sources

Have a projector, monitor or other display without a digital tuner? ZvSync is a digital cable tuner with HDMI and composite outputs. It can be used for any display that is not equipped with a built-in digital tuner, such as: projectors, HDTVs without tuners, commercial displays, monitors, and analog TVs. The ZvSync enables you to connect to any ZvPro or Hdbridge encoder / modulator and receive over 100 channels on your display. Perfect for sports bars, assisted living and education environments where you have both televisions and projectors. The ZvSync takes the signal via coax from the ZvPro and converts it to either an HDMI or composite video output that can be used on nearly any display.

Model No. ZvSYNC-QAM Call for Pricing



Uncompressed 4K over IP Video Encoders

ZyPer4K (SDVoE)

When picture quality and latency matter there is no alternative to the ZyPer4K encoder and decoder product line. Delivering uncompressed 4K at virtually zero latency, the ZyPer4K is the first SDVoE solution on the market — enabling the distribution of content to an unlimited number of displays over a 10Gb Ethernet switch.

**Contact NACE Sales for
System Design and Pricing Assistance!**



CTOR Series Equipment Racks

Features

- **Open-Frame Design:** Provides easy access to wiring and mounted equipment with optimal ventilation
- **Threaded Front and Rear Rails:** Suitable for standard 19-inch wide EIA rack mountable equipment
- **Freestanding Base:** Can be bolted down or fitted with optional casters (sold separately: CT-CASTER-SET4-2WL)
- **Rear Rails:** for enhanced stability
- **Black Finish:** Professional look with durable black powder coating
- **Includes Assembly Hardware:** Nuts and screws included for easy assembly
- **Dual Tapped Front Rails (D Kits Only):** Provides recessed mounting for equipment, creating extra room for cabling and front panel connectivity

The CTOR series is a rugged steel equipment rack ideal for mounting standard 19-inch EIA equipment. The open-frame design offers easy access to wiring and equipment while ensuring excellent ventilation. This versatile unit is designed for easy integration with standard rack-mounted devices and features a black powder-coated finish for a professional appearance.



CTOR Series Equipment Racks

Rack	3'	4'	6'	7'
Overall Height	36 3/4"	50.75"	73"	85.5"
Overall Width	20"	20"	20"	20"
Depth of Base	22.75"	22.75"	22.75"	22.75"
Overall Weight (all rails, and base)		41.7 lbs.	53.0 lbs.	58.0 lbs.

Rack Front Clearance

Front of base to front of front rail	2"	2"	2"	2"
Front of front rail to back of front rail	3"	3"	3"	3"
Front of base to back of front rail	5"	5"	5"	5"
Front of front rail to back of rear rail	20.75"	20.75"	20.75"	20.75"
Back of front rail to back of rear rail	17.75"	17.75"	17.75"	17.75"

Number of Rack Spaces

Front of Front Rail	18 RU (31.5")	26 RU (45.5")	40 RU (70.0")	47 RU (82.25")
Back of Front Rail		22 RU (38.5")	36 RU (63.0")	43 RU (75.25")
Back of Rear Rail		27 RU (47.25")	40 RU (70.0")	47 RU (82.25")

Open Equipment Rack Kits

		PRICE
CTOR-36-COMPLETE-KIT	Two 36-inch threaded front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack.	Call for Pricing
CTOR-48-COMPLETE-KIT	Two 48-inch threaded front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack.	Call for Pricing
CTOR-48-D-COMPLETE-KIT	Two 48-inch threaded front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack. This kit features a special specification variant by offering dual tapped / threaded front rails.	Call for Pricing
CTOR-71-COMPLETE-KIT	Two 71-inch threaded front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack.	Call for Pricing
CTOR-71-D-COMPLETE-KIT	Two 71-inch threaded front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack. This kit features a special specification variant by offering dual tapped / threaded front rails.	Call for Pricing
CTOR-84-COMPLETE-KIT	Two 84-inch front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack.	Call for Pricing
CTOR-84-D-COMPLETE-KIT	Two 84-inch threaded front rails, two rear rack rails, and crossbar connection brackets to link the front and rear at the top and base of the rack. This kit features a special specification variant by offering dual tapped / threaded front rails.	Call for Pricing

Individual front and rear rails and bases are available. Please contact your sales representative for more information.

ERK Series Enclosures

19" welded stand-alone/gangable enclosures.

Features

- 2,500 lb. weight capacity
- 1/8" thick structural steel internal braces
- UL Listed in the US and Canada
- Seismic certified (when used with ERK-Z4 option) with an IP value of 1.5
- 22" OD W, available 20", 25" or 28" OD D
- 1/2", 3/4", 1" & 1-1/2" electrical knockouts on removable split rear plates top and bottom, easily removable for cable pass through. Top plates additionally include UHF/VHF knockouts
- Standard front, optional rear 11-gauge 10-32 threaded, fully adjustable rackrail with numbered rackspace increments
- Key-locked solid rear door standard, optional vented rear doors available
- Optional vented, solid or plexi-glass front doors available
- Configurable top options on 44, 40, and 35 space sizes, solid, vented & multiple fan tops available
- Available in 6 height options from 35.625" to 81.125" overall height
- Optional caster base available



DWR Series Wall Mount Enclosures

Pivoting, sectional wall cabinets ideal for larger systems in both secured and non-secured areas.

Features

- Available in 17", 22", 26" and 32" overall depths with 15", 20", 24" and 30" of usable depth
- Tool-Free Quick-Mount™ system for easy, one-person mounting of the center section to the backpan on the jobsite
- New center section rear channel accommodates slim power to save space
- 16-gauge steel construction with 1/8" thick laser-cut corner braces
- Reversible pad-lockable center section is keyed differently from optional front door for security
- 2" knockouts, 4" knockouts for Wiremold 4000® Series raceways, and knockouts for UCP Series universal connector panels on side
- Grounding/bonding stud in top and bottom of center section and backpan facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- Finished in a durable black textured powder coat
- UL listed in the US and Canada



8 DIRECTV H26K

Satellite Receivers Rack Shelf

Rack shelf to hold up to 8 DIRECTV H26K satellite receivers in a standard 19" equipment rack. Top Shelf is 6.5 Inches deep, Bottom Shelf is an extended 12.5" to hold H25 or H26 power supplies. Slot size 1.25".

Model No. CT-8PK-H256 Call for Pricing



8 Receiver Adjustable Rack Shelf

Holds receivers up to 2 1/16"W x 10 1/4"D.

If the receiver is deeper than the number shown, it will still fit nicely into the shelf but will protrude from the front of the shelf.

Model No. CT-8PK Call for Pricing



2 Space Rack Shelf

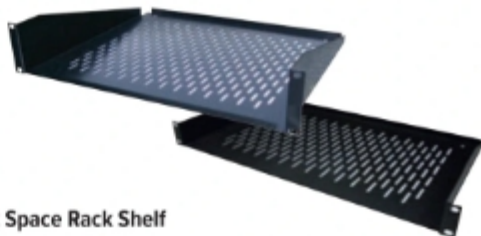
- 19" Rack mountable
- 2 Rack spaces High (3.5")
- 15" Deep

Model No. SHELF-SLT Call for Pricing

1 Space Rack Shelf

- 19" Rack mountable
- 1 Rack spaces High (1.75")
- 10.75" Deep

Model No. SHELF-SLT-1U Call for Pricing



- Slotted for superior ventilation
- Heavy duty to prevent sagging
- Slotted for superior ventilation
- Heavy duty to prevent sagging

CT-FEB-E Series Economy Blanks

19" Rack Panels Black Finish

One Rack Space (1.75"H)

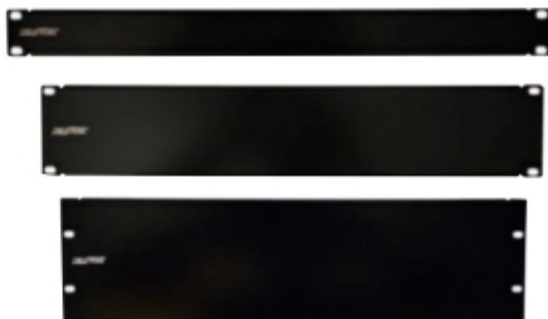
Model No. CT-FEB-E-1U Call for Pricing

Two Rack Spaces (3.5"H)

Model No. CT-FEB-E-2U Call for Pricing

Three Rack Spaces (5.25"H)

Model No. CT-FEB-E-3U Call for Pricing



CT-FEB RMP Series Slotted Rack Panels

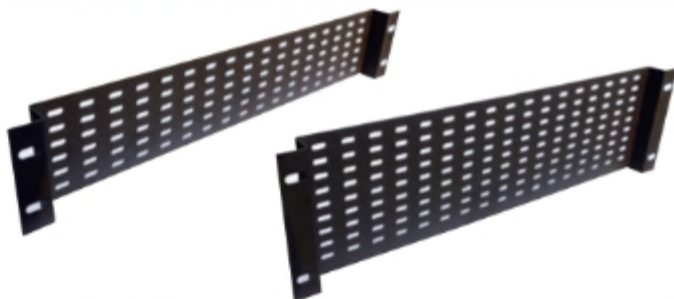
19" Rack Panels Black Finish

Two Rack Spaces (3.5"H)

Model No. CT-FEB-2RMP..... Call for Pricing

Three Rack Spaces (5.25"H)

Model No. CT-FEB-3RMP..... Call for Pricing



Heavy Duty Rack Screws with Washers

Model No. CT-RMS-100

\$14.90/pack of 100

Model No. CT-RMS-8

\$0.99/pack of 8



Equipment Rack Casters

Set of 4 commercial grade casters. 2 Locking, 2 Non-Locking

Model No. CT-CASTER-SET4-2WL..... Call for Pricing



Equipment Rack Casters

Set of 4 commercial grade casters. 2 Locking, 2 Non-Locking

Model No. 5WL Call for Pricing



Loaded Rack Interface Plate

- Perfect for organizing all of your headend inputs and outputs in one convenient location on your equipment rack
- Clearly labeled to save time and avoid confusion
- Can be rack mounted or mounted on the top back of a rack with a rear rail kit
- Quick turnaround

Model No. CT-RIPU-1-SHIP-DT Call for Pricing

Blank Rack Interface Plates

Model No. CT-RIPU-1 Call for Pricing

DT-HCMP Series 19" Rack Mountable Cable Management Panels with Metal Rings



19" Rack Mountable Cable Management Panels with Metal Rings, Black Finish

One Rack Space (1.75"H)

Model No. DT-HCMP-1U\$16.78



19" Rack Mountable Cable Management Panels with Metal Rings, Black Finish

Two Rack Spaces (3.5"H)

Model No. DT-HCMP-2U.....\$22.38

DT-HWM Series 19" Wall Mountable Open Racks, Hinged On One Side

Single Space Wall Mount Rack

- 1 Space (1.75") High, 5.25" Deep
- Includes cage nuts, rack screws & tool
- Black finish

Model No. DT-HWM-1U\$33.58



Two Space Wall Mount Rack

- 2 Space (3.5") High, 6.5" Deep
- Includes cage nuts, rack screws & tool
- Black finish

Model No. DT-HWM-2U\$39.18



Cable Management Panel, Hinged, Horizontal Mount

- Hinged front panel has a magnetic closure
- Helps wiring maintain the required bend radius
- Steel construction with black powder coat finish
- Multiple pass-throughs on top, rear, bottom and sides
- Solid face conceals cables from view
- Hinged face provides secure, easy access

1.75" Height, Black finish

Model No. HHCM-1\$55.00

3.50" Height, Black finish

Model No. HHCM-2\$61.25



DataTronix

1200VA UPS Backup with 3 AC Outlets

Rate Capacity: 1200VA

Power factor: 0.6

Input: 70 - 145VAC 40-70Hz $\pm 5\%$

Output: 110 - 120 VAC 50-60Hz

Waveform: Square wave (battery mode)

Battery recharge time: 10 hours

Model No. DT-UPS-1200

Call for Pricing



Rack Mountable Sliding Shelf

The CT-SRS is an ideal accessory for any CATV equipment rack based video system. The CT-SRS allows the user to install slide-out shelf for a PC keyboard, or any other compatible equipment, which can be recessed when not in use, and "slid" out upon needs for active engagement. The unit features (3) guide rails, an adjustable hangar frame, and is compatible with all EIA (19) inch width equipment racks.

Model No. CT-SRS..... Call for Pricing



24" HD Television

- Perfect for use as a test TV in a headend rack
- 720p Resolution
- 1 HDMI Input
- RF input with ATSC & clear QAM tuner

Model No. 24LJ4540 ... Call for Pricing

Rack Mountable High Velocity Triple Fan Blowers

Horizontal High Velocity Triple Fan Blower - Rack Mountable

The CT-FANRK-B is a rack mountable ventilation system that incorporates 3 individual fans in a 3-rack space (5.25") housing. A single two-prong AC plug is attached to all three fans to minimize the number of outlets needed. The fans are reversible to provide either exhaust or air intake.

The CT-FANRK-B operates with a very low amount of noise while maintaining a high volume of air movement. Each individual fan is capable of moving up to 92 cubic feet of air per minute for a combined flow of up to 276 CFM.

The CT-FANRK-B is highly recommended above any chassis mounted modulator set. One CT-FANRK-B should be used with each bank of modulators even when the chassis is not completely full.



Features

- Three individual fans in 5.25" of rack space (3 rack spaces)
- Reversible fans for air intake or exhaust
- Low noise, High volume
- Black powder coat finish

Rack mountable, horizontal high velocity triple fan blower

Model No. CT-FANRK-B Call for Pricing

Rack mountable, horizontal high velocity triple fan blower, all metal unit

Model No. CT-FANRK-B-PLUS Call for Pricing



Headend Triple Fan Ventilation Panel, 5.25" Height, Rackmount

The unit features 3 individual fans in a 5.25 inch height 3RU rack mount panel with a 19 inch width. The panel allows cool air to be drawn into the rack and circulate the cooler air across the mounted components in the rack. The unit features black powder coated finish, and plastic blade guards.

Model No. CT-FABRK-3 Call for Pricing

Ventilation Fan Module, 4.5" Diameter

Square ventilation fan which can directly integrate into many product solutions. Each fan is a 115 V and rated at 50 CFM. Each unit includes a fan guard with a black powder coat finish and features a smooth, long-life ball bearing design.



Model No. QFAN
Call for Pricing

Multiple Fan Power Cord

- Input voltage: (115) V
- Fan ventilation units sold separately
- UL listed and CSA certified
- Black finish color
- RoHS compliant
- Not required for integrated fan top models

Model No. FANCORD-4X1 Call for Pricing



Power Strips, Surge Protectors



Rack Mountable 9 Outlet Power Strip

- 9 Outlets, 8 Rear, 1 Front
- 1-15 Amp Circuit
- EMI Filtering
- Surge & Spike Protection
- Master Power Switch
- 19" Rack Mountable
- 1.75" (1RU) High, 9" Deep
- 10' UL Listed Power Cord

Model No. CT-PCHRM9 .. Call for Pricing

6 Outlet, Plastic Surge Protection

White Housing - 3' Cord

Model No. CT-6OUTPOW-WHT Call for Pricing

Black Housing - 12" Cord

Model No. CT-6OUTPOW-BLK-12FT Call for Pricing



Cable Isolator with Spike Protection

- 5 - 1,000 MHz
- <1 dB Insertion
- F Female connections
- Blocks 60 Hz power up to 5,000 Volts
- Reduces energy level of spikes
- Eliminates ground loop Hum
- Does not degrade with repetitive spikes
- Electronic clamping IC technology (SIDACTor)

Model No. CISP-HR Call for Pricing



Professional TV & Display Mounts

**Wall Mount for 13"– 42" Flat Panel TVs**

- Includes VESA mounting adapter (75 × 75, 100 × 100, 200 × 100, and 200 × 200 mm)
- Tilt: ±15°, Swivel: 180°
- Extends 3.82"– 16.42" (97–417 mm) from the wall
- Maximum load capacity: 44 lb (20 kg)

A. Model No. CT-LCD-141A-B..... Call for Pricing

Full-Motion TV Wall Mount for 13"– 42" Flat Panel TVs

- Includes VESA mounting adapter (75 × 75, 100 × 100, 200 × 100, and 200 × 200 mm)
- Tilt: ±15°, Swivel: 180°
- Extends 3.82"– 10.12" (97–257 mm) from the wall
- Maximum load capacity: 44 lb (20 kg)

B. Model No. CT-LCD-142A-B..... Call for Pricing

Tilting TV Wall Mount for 13"– 42" Flat Panel TVs

- Includes VESA mounting adapter (75 × 75, 100 × 100, 200 × 100, and 200 × 200 mm)
- Tilt: ±15°, Swivel: 30°
- Low Profile Design Extends 3.82" (97 mm) from the wall
- Maximum load capacity: 44 lb (20 kg)

C. Model No. CT-LCD-143A-B..... Call for Pricing

Full-Motion TV & Monitor Wall Mount

- Durable aluminum construction with black finish
- Tilt: ±70°, Swivel: 180°
- Extends 2.17"–14.37" (55–365 mm) from the wall
- Space-saving design folds flat against the wall when not in use
- Mounting hardware included
- Maximum load capacity: 33 lb (15 kg)

D. Model No. CT-LCD-101-B..... Call for Pricing

Full-Motion TV & Monitor Wall Mount for 13"–42" Flat Panel Displays

- Includes VESA mounting adapter (75 × 75, 100 × 100, 200 × 100, and 200 × 200 mm)
- Tilt: +5°/-12, Swivel for optimal viewing angles
- Extends up to 7.5" (190 mm) from the wall
- Level adjustment: ±3°
- Designed for single wall stud installation
- Compatible with curved displays
- Integrated cable management
- Maximum load capacity: 44 lb (20 kg)

E. Model No. CT-LDA21-221-B..... Call for Pricing

**Rack Mountable 24 Outlet Vertical Power Strip**

- 24 Outlets Total
- 60"L x 1.5"W x 1.5"D, Gray casing
- Outlets Spaced Evenly
- 1-15 Amp Circuit with Circuit Breaker
- 10' Power Cord
- UL or ETL Listed
- Lighted on/off switch
- Mounting Brackets Included

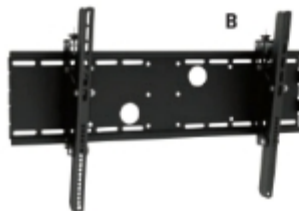
Model No. CT-PCVRM24-ETL.....Call for Pricing

**Rack Mountable 12 Outlet Vertical Power Strip**

- 12 Outlets Total
- 35"L x 1.5"W x 1.5"D, Gray casing
- Outlets Spaced Evenly
- 1-15 Amp Circuit with Circuit Breaker
- 10' Power Cord
- UL or ETL Listed
- 2.2 Lbs.
- Mounting Brackets Included

Model No. CT-PCVRM12..... Call for Pricing

Professional TV & Display Mounts



Wall Mount For Flat Panel Television/Monitor

Features

- Universal wall bracket for 32"-55" screens
- Simple design
- Hardware included
- Tilt: 0-15°
- Max loading capacity: 165 lbs

A. Model No. CT-PLB-42
Call for Pricing

Wall Mount For Flat Panel Television/Monitor

Features

- Universal inclinable wall support for large plasma and LCD TVs
- Modern streamlined design
- Ideal for 37" to 70" screens
- 0° to 15° Adjustable tilt
- 31.5" Back Plate
- Max. loading capacity: 165 lbs

B. Model No. CT-PLB-14B
Call for Pricing

Wall Mount For Large Flat Screen TV/Monitor

Features

- Fits most 60"-100" flat panel TVs
- Fits mounting hole patterns up to 923 x 610mm
- Max. VESA: 600 x 900
- Low profile of 32 mm
- Max loading capacity: 220 lbs

C. Model No. CT-LED-7100B
Call for Pricing

Double Arm Cantilever Wall Mount

Features

- Fits 43" to 95" displays
- Universal VESA compatibility: 200 x 200, 400 x 200, 300 x 300, 400 x 400, 600 x 400 & 800 x 400mm
- Tilt range: 5° to 15°
- Full-motion dual-arm design with swivel adjustment
- Quick-release latch for easy installation
- Level adjustment
- Black finish
- Load capacity: 165 lbs (75kg)

D. Model No. CT-PA-948V2
Call for Pricing

Ceiling Television/Monitor Mount

Features

- For VESA standard
- 50/75/100/200/200X100mm
- Suitable for LCD from 23" to 42"
- Steel material, Black finish
- Swivels left and right up to 190° Tilts upwards and downwards up to 20°
- Mast extends 19.7" to 33.5"
- Max loading capacity: 66 lbs

E. Model No. CT-LCD-504A-B
Call for Pricing

Ceiling Mount Adapter For PLB Series Mounts

Features

- Universal ceiling bracket adapter for plasma/LCD mounts
- Rotates 360 degrees
- Mast adjusts from 34.28" - 61.47"
- Max loading capacity: 165 lbs

F. Model No. CT-PLB-CE3-B
Call for Pricing

Must be used in conjunction with a CT-PLB series wall mount

Low-Profile Fixed TV Mounts with Integrated Level

TV Bracket Mount For 32"-55" or 37"-70" TVs

Features

- Easy mounting design
- Built in bubble level
- Universal mounting patterns
- Super Slim design sits just 14.5mm from wall to complement the sleek look of ultra-thin TVs
- Pull-down cords enable easy display attachment and detachment
- Click stand feature holds TV away from wall for cable installation
- Material/Color: Steel/Black
- Loading Capacity: 110lbs. (50kg)
- UL Listed

CT-LED-024B

- Overall mount dimensions: 19" x 3.8" (484 x 97 mm)
- VESA: 200 x 200, 300 x 300, 400 x 200, 400 x 400

CT-LED-026B

- Overall mount dimensions: 27" x 3.8" (684 x 97 mm)
- VESA: 200 x 200, 300 x 300, 400 x 200, 400 x 400, 600 x 400, 600 x 600

The super slim wall mount is designed to emphasize the sleek look of ultra-thin flat-panel TVs by placing them just 14.5 mm from the wall. Its pull-down cords enable easy display attachment and detachment. It supports most 32"-55" or 37"-70" flat-panel TVs up to 110 lbs (50kgs) depending on model. Its click stand holds TV away from wall for cable installation.



LED TV Bracket Mount For 32"-55" TVs

Model No. CT-LED-024B \$26.86

LED TV Bracket Mount For 37"-70" TVs

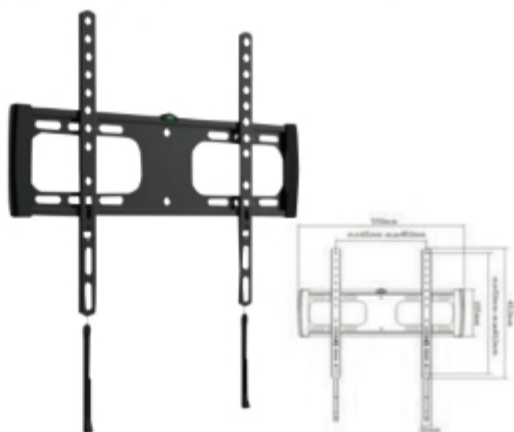
Model No. CT-LED-026B \$27.98

TV Bracket Mount For 32"-55" TVs

Features

- Easy mounting design
- Built in bubble level
- Universal mounting patterns
- Overall mount dimensions: 21.65" x 17" (550 x 432mm)
- VESA: 200 x 200, 400 x 200, 300 x 300, 400 x 400
- Super Slim design sits just 13.0 mm from wall
- Pull-down cords enable easy display attachment and detachment
- Material/Color: Steel/Black
- Loading Capacity: 88 lbs (40kg)
- UL Listed

With an impressively low 0.51" (13mm) mounting profile, the CT-LED-755F is a super slim mount perfectly suited for those applications where seamless integration counts most. It supports most 32"-55" flat panel TVs up to 88lbs (40kg). The new series is part of the Ultra Low Profile Series of fixed mounts offering a sleek and slim design together with simple installation.



LED TV Bracket Mount For 32"-55" TVs

Model No. CT-LED-755F \$26.86

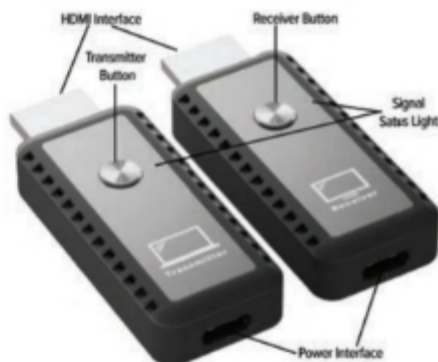
Seamlessly Stream Your Content with Wireless HDMI Extenders!



Wireless HDMI Transmitter & Receiver

The DataTronix 1080p Wireless HDMI Signal Extender provides a seamless solution for transmitting high-definition video and audio without the need for cumbersome cables. Supporting resolutions up to 1080p, this system can extend signals up to a maximum of (98) feet (line of sight), offering reliability and crystal-clear performance. Ideal for both commercial and residential applications, it simplifies installation and reduces clutter, making it perfect for spaces where running HDMI cables is not practical

- Compatible with HDMI, Mini HDMI, Micro HDMI, and USB-C HDMI connections
- Includes adapters for added flexibility and device compatibility
- Wireless HDMI eliminates the need for physical cables, ideal for clean setups or areas with limited cable routing
- Supports 1:1 transmit and receive; up to 4 sets can be used in the same area with a minimum of 16 feet apart and line of sight



- RF Frequency: 5.15 to 5.825 GHz

Note: Does not support IR Passback functionality on the receiving unit

DataTronix Wireless HDMI Transmitter & Receiver

Model No. DT-WLSHD-TXRX-1080P\$110.88



HDMI Signal Extender Over Coaxial Cable Kit –

Includes HDMI Transmitter, HDMI Receiver,

The CT-HDVD-HDCX-IR-V2 HDMI Signal Extender Kit is designed to extend HDMI signals up to 1080p over a single 75-ohm RF coaxial cable (RG6, RG59, or RG11). This system supports both one-to-one and one-to-many display configurations. Using a 64-QAM mode, the transmitter ensures minimal signal degradation, even over long distances. When paired with a 1,000 MHz-rated coaxial RF splitter and additional receive units (sold separately), users can distribute HDMI signals to multiple compatible displays, making it ideal for commercial, educational, or surveillance applications.

- Transmits HDMI signals up to 1080p over coaxial cable (RG6, RG59, or RG11)
- Supports one-to-one or one-to-many display configurations
- Maximum transmission distance up to 1640 feet (dependent on cable type)
- Includes an infrared remote for channel control (exclusive function)
- Video Encoding: H.264
- Audio Encoding: MPEG2
- Transmitter: HDMI input, F-type output
- Receiver: F-type input, HDMI output
- Supports 1080p at 60Hz
- Power Supply: CT-HDVD-HDCX-V2-PS (included for both transmitter and receiver)

HDMI Signal Extender Over Coaxial Cable Kit

Model No. CT-HDVD-HDCX-IR-V2\$269.00



- Compatible with HDTV sources like DVD players, gaming consoles, and computers
- Provides excellent image quality with strong resistance to interference
- Ideal for applications like video surveillance, digital signage, and educational videos

Optional Accessories

Additional Receive Only Unit

Model No. CT-HDVD-HDCX-IR-RX-V2\$105.00

Replacement Power Supply

Model No. CT-HDVD-HDCX-V2-PS\$21.28

Home Theater, HDTV, Digital TV HDMI® Cables & Adapters

HDMI Cables

Ethernet Channel – Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate Ethernet cable.

Audio Return Channel Allows an HDMI connected TV with a built-in tuner to send audio data “upstream” to a surround audio system, eliminating the need for a separate audio cable.

3D – Defines input/output protocols for major 3D video formats, paving the way for true 3D gaming and 3D home theater applications.

4K Support – Enables video resolutions far beyond 1080p, supporting next-generation displays that will rival the Digital Cinema systems used in many commercial movie theaters.

Content Type – Real-time signaling of content types between display and source devices, enabling a TV to optimize picture settings based on content type.



Swivel Head HDMI Cables

- Available in 3', 6', 10' & 15' Length
- Perfect for tight installations behind televisions
- Swivel connections on both ends



HDMI Cable with swivel head

Model No.	Length	Price
CT-HDVC-3S	3'	\$4.69
CT-HDVC-6S	6'	\$6.03
CT-HDVC-10S	10'	\$10.96
CT-HDVC-15S	15'	\$15.22

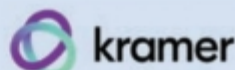
HDMI Female To HDMI Female Adapter

Model No. CT-HD-F-F\$3.23 ea.



HDMI Cable

Model No.	Length	Price
CT-HDVC-3	3'	\$4.46
CT-HDVC-6	6'	\$5.81
CT-HDVC-10	10'	\$9.73
CT-HDVC-15	15'	\$14.54
CT-HDVC-30	30'	\$44.78
CT-HDVC-50	50'	\$67.18



We offer Kramer Audio Video products.
Contact your sales representative
for a personalized quote.

DataTronix HDMI Fiber Optic Cables

Advanced HDMI cables with built-in fiber optic transceivers transmit 4K HD video up to 492 feet without signal loss. Ideal for TVs, projectors, home theaters, and gaming systems.

Using light instead of copper, DataTronix HDMI FOC cables eliminate distance limitations and signal degradation common with traditional HDMI cables. Plug-and-play design with no external power required — powered directly through standard HDMI connections.

HDMI 2.0 Fiber Optical Cable (FOC), 32' (10 Meters), 4K
Model No. DT-HDVC-FOC32 \$77.28

HDMI 2.0 Fiber Optical Cable (FOC), 98' (30 Meters), 4K
Model No. DT-HDVC-FOC98 \$110.88

HDMI 2.0 Fiber Optical Cable (FOC), 164' (50 Meters), 4K
Model No. DT-HDVC-FOC164 \$144.48

HDMI 2.0 Fiber Optical Cable (FOC), 328' (100 Meters), 4K
Model No. DT-HDVC-FOC328 \$222.88

HDMI 2.0 Fiber Optical Cable (FOC), 492' (150 Meters), 4K
Model No. DT-HDVC-FOC492 \$278.88



High Definition HDMI® Splitter & Amplifier Series

Features

- Splits HDMI Inputs to 2, 4 or 8 HDMI outputs
- Identical signal quality on all outputs
- Multiple units can be cascaded to provide more outputs
- Perfect for residential or commercial applications
- Housed in attractive, low profile casings
- Designed with the quality conscious customer in mind
- Affordably priced



HDMI Splitter, 1 Input, 4 Output

Model No. CT-HDVD-MINI1X4SPL.....\$66.08

HDMI 1 × 2 Splitter

Features

- HDMI 1.4b and HDCP 1.4 compliant
- Supported video resolution up to 4K×2K@30Hz
- Supports 3D video format
- Supported color depths: 30-bit, 36-bit and 48-bit/pixel
- Supported audio formats: DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD
- Compact design for easy and flexible installation



This HDMI Splitter can distribute 1 HDMI input signal source to 2 HDMI displays simultaneously. Supported video resolution is up to 4K×2K@30Hz. It supports digital audio formats: DTS-HD/Dolby true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD. The product supports HDMI signal input debounce and output amplification functions and is perfectly compatible with all current HDMI source devices and display devices desired. HDMI source for display on the HDTV. It can be widely used in digital entertainment centers, control centers, conference rooms, schools and corporate training environments.

HDMI Splitter, 1 Input, 2 Output

Model No. CT-HDVD-MINI1X2SPL-V2\$28.00

4K HDMI 5 Port Switch

Features

- HDCP 2.2/1.x and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- HDR, HDR10, Dolby Vision and HLG are supported
- Support video resolution up to 4K2K@50/60Hz YCbCr 4:4:4
- Support 3D video format
- Low power consumption
- Support IR remote control and panel button control
- Compact design for easy and flexible installation



The 4K HDMI 5 Port Switch can switch any of the 5 HDMI sources to 1 HDMI display. Supported video resolution up to 4K2K@50/60Hz YCbCr 4:4:4. This product supports HDR, HDR10, Dolby Vision, and HLG (Hybrid Log-Gamma). It supports all 3D video formats. Boasting a low power consumption and small form factor, this device can be controlled via the front panel button or remote control included in the box. Fully supports HDCP content protection pass-through.

4K HDMI 5 Port Switch

Model No. CT-HDVD-5X1-MINI\$32.48

HDMI & IR Control Signal Extender

Transmit HD Signals with Audio & Infrared Control Over a Single Cat5e/6



Features

- Distributes HDMI & bi-directional infrared control over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 330' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e/6)
- HDCP compliant
- Uncompressed HDMI video signal
- Supports full HD 1080p @ 60Hz, 3D, 4K x 2K
- Supports CEC, 24bit Deep Color
- Supports LPCM audio and compressed DTS-HD, Dolby®True HD
- Powered over network cable, only requires a power supply at one end (either transmitter or receiver)

HDMI & IR Control Signal Extender

Model No. CT-HDEXT-330-B Call for Pricing/pair

HD & Infrared Control Over a Single Cat5e/6

- Distributes HDMI signal over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 180' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e/6)
- Auto-adjustment of feedback, equalization & amplification
- HDMI V1.3 supported
- HDCP compliant
- Internal ESD protection
- Supports 1080p @ 60Hz @ 48 b/pixels, 3D and 4Kx2K
- LED indicators indicate power and video signal status
- Supports two way Infrared control signals



HD & Infrared Control Over a Single Cat5e/6
Model No. CT-HD-VGA-CONV-V2.....\$95.20/pair

HDMI TO VGA Audio - Video Converter

Features

- No need to install drivers, portable, flexible, plug and play
- No power supply needed
- Compliant with HDMI 1.3, HDCP 1.4
- High bandwidth capability supports 1920 x 1080@60Hz
- Small form factor for tight spaces
- Ideal for legacy monitors with no HDMI input



The Cabletronix CT-HD/VGA-CONV-V2 is a high-definition video converter that accepts a single HDMI input and provides a VGA (video) and single 3.5 mm (audio) output. Deliver a problem-solving solution for applications requiring VGA connectivity from an HDMI output source, such as Blu-ray DVD players and HD set-top boxes. The unit supports HDMI input resolutions of up to 1080p and provides VGA output resolutions up to 1920 x 1080.

HDMI TO VGA Audio - Video Converter (Includes Power Supply)
Model No. CT-HD-VGA-CONV-V2.....\$21.28

VGA to HDMI Converter

Features

- Plug and play
- No power supply required
- HDMI 1.3 compliant
- VGA input supports up to 1920 x 1080@60Hz
- Small form factor for tight spaces
- Perfect for devices with no HDMI output available



The CT-VGA/HD-CONV-V2 is a high-definition VGA to HDMI video converter. Easily input your analog PC RGBHV and analog audio signals and convert to digital HDMI signals. It allows you to connect the VGA (HD-15 connector) output from the PC to the digital HDMI input of the latest HD ready plasma, LCD, LED, or DLP monitor. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

VGA to HDMI Converter (Includes Power Supply)
Model No. CT-VGA-HD-CONV-V2.....\$21.28

Mini CVBS to HDMI Converter

Features

- No need to install drivers, portable, flexible, plug and play
- Provide advanced signal processing with deep colors, resolution, and detail
- Support for NTSC 3.58, NTSC 4.43, SECAM, standard TV formats input
- Support HDMI 1080p or 720p output
- Small form factor for tight spaces

The CT-A/V-HD-MINI converter is a universal converter for analog composite input to HDMI 1080p (60Hz) output. The analog to digital conversion in this module utilizes 10 bits maximum 162 MSPS sampling, black/ white level expansion, color transition improvement, dynamic range expansion, blue stretch, auto-detect and automatically converts the composite signal to 1080p (60Hz) output. Delivering the sharpest, most realistic HD visuals possible.

Mini CVBS to HDMI Converter

Model No. CT-A-V-HD-MINI\$25.76



Off-Air Antenna, Outdoor VHF High Band (Channels 7-13) and UHF (Channels 14-36), Ellipse Mix, Intelligent Antenna

- Compatible with VHF channels (7-13) and UHF channels (14-36)
- Features BOSS mode
- 60° VHF beamwidth, and 40° UHF beamwidth
- FM and LTE/5G filtering eliminates radio and cellular phone interference

Ellipse Mix is an advanced over the air TV antenna that automatically adapts its gain in real time to optimize the reception of television signals, ensuring the optimum level of signal is delivered at all times, and is designed from the ground up for the new US broadcast frequencies, filtering any interfering 5G signals above 608 MHz, and providing independent amplification for the VHF and UHF bands. The Ellipse Mix is a high gain directional antenna designed to offer stable and high quality reception of High VHF and UHF only (RF channels 7-36) in mid to long-range receiving scenarios despite continuous changes in weather and transmitting conditions thanks to its exclusive and intelligent built-in TForce amplifier.

Model No. TV-148883 Call for Pricing



Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM, 28 Active Elements, 65" Boom Length

- 28 active elements, 17 UHF elements, 11 VHF elements
- Boom length: 65"
- Includes hardware to mount unit to a mast (masting sections not included)
- Coaxial cabling not included
- 75 Ohm F connection interface
- Shipping weight: 7 lbs
- Width: 35"

This rooftop antenna receives over the air VHF/UHF/FM free to air broadcast signals, this antenna has been specifically tuned for reception of UHF and VHF channels within the range of television channels 2-69. The manufacturer rates this antenna with a 30 mile VHF compatibility, and a 25 mile UHF compatibility, this antenna is for outdoor use only and should not be mounted indoors.

Model No. HD-7694P Call for Pricing



Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM

- | | |
|-------------------|---|
| • Active Elements | • Includes hardware to mount unit to a mast (masting sections not included) |
| 5016-CM - 15 | • Coaxial cabling not included |
| 5018-CM - 17 | • 300 Ohm connection interface, 75 Ohm transformer included |
| 5020-CM - 28 | • Weight |
| • Boom length | 5016-CM - 6 lbs |
| 5016-CM - 50" | 5018-CM - 10 lbs |
| 5018-CM - 74.5" | 5020-CM - 11.5 lbs |
| 5020-CM - 109" | |

These antennas are a rooftop antenna to receive over the air VHF/UHF/FM free to air broadcast signals with UHF/VHF gain rated at 7.0 dB. This antenna has been specifically tuned for reception of UHF and VHF channels within the range of 54-216 MHz and 470-700 MHz. The manufacturer rates this antenna with a 45 mile compatibility, this antenna is for outdoor use only and should not be mounted indoors.

15 Active Elements, 50" Boom Length

Model No. 5016-CM Call for Pricing

17 Active Elements, 74.5" Boom Length

Model No. 5018-CM Call for Pricing

28 Active Elements, 109" Boom Length

Model No. 5020-CM Call for Pricing



Off-Air Antennas & Accessories

Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM, 65 Active Elements, 168.25" Boom Length

- 64 Active Elements, 35 UHF Elements, 29 VHF Elements
- Boom length: 168.25"
- Includes hardware to mount unit to a mast (masting sections not included)
- Coaxial cabling not included
- 75 Ohm F connection interface
- Shipping weight: 17 lbs
- Maximum Width: 53.5"



This rooftop antenna receives over the air VHF/UHF/FM free to air broadcast signals, the manufacturer rates this antenna with a 70 mile VHF compatibility, and a 60 mile UHF compatibility. This antenna is for outdoor use only and should not be mounted indoors.

Model No. HD-7698P..... Call for Pricing



Antenna Mast, 5' Length, 1.25" OD

The EZ-5-18 five length by (1.25) inches outer diameter (18)AWG flush end antenna mast tube is galvanized for weather for a sturdy, long life antenna mast installation. This mast can be used with a swagged end mast of the same OD and AWG to extend another (5) foot by fitting the swagged end of that mast into the open end of this mast tube.

Model No. EZ-5-18 \$22.00

LTE Filter

- Blocks interference from 3G/4G Smartphones and transmitters
- Peak Gain: 17.4 dBi at 698 MHz
- Frequencies Passed: 5-699 MHz
- Frequencies Blocked: 700 - 2,000 MHz



- Input /Output Connector: F type
- Weight: 1.6 oz.
- Dimensions: 2.375" x .75" x .75"

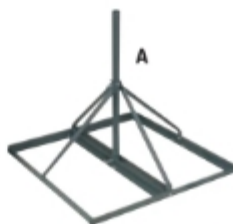
The Channel Master LTE filter is designed to clear your off-air antenna television signal path from the common interference created by mobile LTE signals.

Model No. 3201-CM Call for Pricing

Non-Penetrating Roof Mount, For Compatible 2" Outer Diameter DBS, Antenna Models

This unit includes a 30" mast and is compatible with 2" outer diameter requirements. The unit holds and requires eight 8" x 8" x 16" concrete blocks (not included) as ballast.

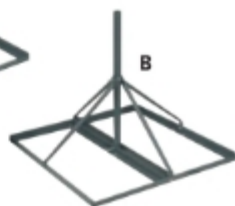
A. Model No. FRM-200 ... Call for Pricing



Non-Penetrating Roof Mount, For Compatible 1.25" Outer Diameter DBS, Antenna Models

This unit includes a 60" mast and is compatible with 1.25" outer diameter requirements. The unit holds and requires eight (The unit holds and requires eight 8" x 8" x 16" concrete blocks (not included) as ballast.

B. Model No. FRM-125 Call for Pricing



Off-Air Antenna Profiler

- Input signal level strength readout - no need for a signal level meter
- Can process and convert more than 50 channels
- 50 dB adjacent channel filtering
- Real-time AGC on all individual multiplexes
- Complete flexibility in assigning filters from any input

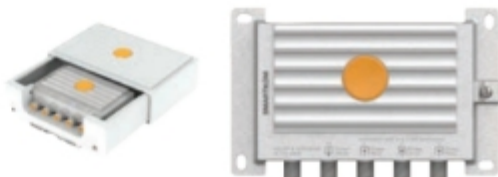


5 Input off air antenna programmable filter amplifier. Input signal level strength readout - no need for a signal level meter, Can process and convert more than 50 channels, 50 dB adjacent channel filtering, Real-time AGC on all individual multiplexes, Complete flexibility in assigning filters from any input.

Model No. PFA-6700..... Call for Pricing Model No. PFA-6701 Call for Pricing

Televés SmartKom Intelligent Off-Air Antenna Amplifier 54–88 / 174–216 / 470–608 MHz

- Supports up to (3) VHF/UHF off-air antennas
- 32 programmable filters for individual channel processing
- Automatic gain control (AGC) maintains consistent signal levels
- One-button auto programming for quick Plug & Play setup
- Bluetooth wireless programming using the ASuite mobile app
- Includes 12V DC power supply with integrated Bluetooth antenna
- Frequency Range: 54–88 MHz, 174–216 MHz, 470–608 MHz



Intelligent off-air antenna amplifier designed to filter, mix, and process signals from up to three VHF/UHF antennas. Ideal for residential and light commercial installations, SmartKom automatically optimizes channel levels or can be wirelessly configured using the ASuite smartphone app via Bluetooth.

Model No. TV-531983 Call for Pricing



Off-air Antenna Pre-amplifier

Boost XT outdoor preamplifier with TwinAmp Technology separately amplifies VHF and UHF signals for maximum performance on any non-amplified outdoor antenna. Signal selectivity is greatly enhanced and noise & interference is reduced to the lowest levels of any product in this category.

Model No. LNA-200\$54.29



Channel Master VHF/UHF Off-Air Antenna Preamplifier

Professional-grade low-noise preamplifier designed to improve weak over-the-air TV signals from non-amplified outdoor antennas. Features adjustable gain, advanced LTE filtering, and support for current and future digital TV standards, including ATSC 3.0 (NextGen TV).



- Compatible with VHF and UHF off-air antennas
- Selectable 30 dB / 17 dB gain via indoor power inserter
- Advanced LTE filtering minimizes wireless interference
- Ultra-low noise design for improved signal quality
- Supports ATSC 1.0, ATSC 3.0 (NextGen TV), and 4K broadcasts
- Frequency Range: 54–88 MHz, 174–260 MHz, 470–608 MHz
- Includes power inserter and installation hardware

Model No. CM-7779HD\$79.00

Off-Air Antenna Auto-Programming Preamplifier, 174-862 MHz, ATSC 3.0 Compatible, LTE Filtering, Accepts Up To 4 Separate Antenna Inputs

- Combines and amplifies up to 4 off-air antenna inputs
- DC power over coax, power supply included
- Adjacent channel capable
- SAW filtering to reject LTE band interference



Combining multiple terrestrial antennas for full reception can often be problematic, the ATSC SMART AMP has been developed to solve these problems. This unit scans all available ATSC channels, and amplifies the weak signals to balance with any stronger input signals so all output channels have balanced and stable power levels. The unit offers a fully automatic channel scan, and features SAW filters to defeat 4G or 5G LTE signal interference. This unit has been tested to be ATSC 3.0 compatible.

Model No. ATSC SMART AMP \$169.00

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.

The Right Cable Matters.

We use 100% bare copper for minimal signal loss, superior conductivity, and reliable performance—no recycled copper or alloys.



18/2 Control Cable

Features

- 18 AWG, 2 Copper Conductors
- Solid & Stranded Bare Copper Options
- CM, CMR (Riser), and CMP (Plenum) Rated Cables
- UL Listed
- Reliable for Security Systems, Access Control, HVAC Controls, Audio and Lighting
- 500' & 1000' Easy-Pull Boxes Available
- White PVC Jacket

18/2, Solid Copper Conductor, CM Rated 500' Box, White
Model No. CT-18-2-CM-500-WH Call for Pricing/1000'

18/2, Solid Copper Conductor, CM Rated 1000' Box, White
Model No. CT-18-2-CM-1000-WH Call for Pricing/1000'

18/2, Stranded Copper Conductor, CMR Rated 500' Box, White
Model No. CT-18-2-CMR-500-WH Call for Pricing/1000'

18/2, Stranded Copper Conductor, CMR Rated 1000' Box, White
Model No. CT-18-2-CMR-1000-WH Call for Pricing/1000'

18/2, Solid Copper Conductor, CMP Rated 500' Box, White
Model No. CT-18-2-CMP-500-WH Call for Pricing/1000'

18/2, Solid Copper Conductor, CMP Rated 1000' Box, White
Model No. CT-18-2-CMP-1000-WH Call for Pricing/1000'



22/2 and 22/4 Control Cable

Features

- 22 AWG, 2 or 4 Copper Conductors
- Solid & Stranded Bare Copper Options
- CM, CMR (Riser), and CMP (Plenum) Rated Cables
- UL Listed
- Reliable for Security Systems, Access Control, HVAC Controls, Audio and Lighting
- 500' & 1000' Easy-Pull Boxes Available
- White PVC Jacket

22/2, Solid Copper Conductor, CMR Rated 500' Box, White
Model No. CT-22-2-CMR-500-WH Call for Pricing/1000'

22/2, Solid Copper Conductor, CMR Rated 1000' Box, White
Model No. CT-22-2-CMR-1000-WH Call for Pricing/1000'

22/2, Stranded Copper Conductor, CMR Rated 500' Box, White
Model No. CT-22-2-STR-CMR-500-WH Call for Pricing/1000'

22/2, Stranded Copper Conductor, CMR Rated 1000' Box, White
Model No. CT-22-2-STR-CMR-1000-WH .. Call for Pricing/1000'

22/4, Solid Copper Conductor, CMR Rated 500' Box, White
Model No. CT-22-4-CMR-500-WH Call for Pricing/1000'

22/4, Solid Copper Conductor, CMR Rated 1000' Box, White
Model No. CT-22-4-CMR-1000-WH Call for Pricing/1000'

22/4, Stranded Copper Conductor, CMR Rated 500' Box, White
Model No. CT-22-4-STR-CMR-500-WH Call for Pricing/1000'

22/4, Stranded Copper Conductor, CMR Rated 1000' Box, White
Model No. CT-22-4-STR-CMR-1000-WH .. Call for Pricing/1000'

USB To Serial Converter

The USBTO SERIAL CONVERTER allows the customer to connect a RS-232 serial device to a USB 2.0 port. This item is commonly used for MDF and IDF ethernet switches residing in a DIRECTV residential experience Lodging and Institutions environment.

Model No. USBTO SERIAL CONVERTER \$21.99



DIN To Component / Composite RCA Audio Video Breakout Cable

The DataTronix DIN breakout cable enables the customer to connect any high definition or standard definition component / composite audio-video source to a compatible DataTronix encoder / modulator model. The connections provided are DIN to a component and composite RCA connector breakout.

Model No. DT-IPTV-QAM-DINCABLE \$21.00



**4GB USB flash drive,
 USB 2.0, key chain style**

Model No. USB-4GB... \$5.99



Category 5e UTP Network Cable

Features

- Four pair, 24 AWG Solid conductors
- Unshielded
- With rip cord
- Available in Blue, Gray, White, Yellow, Green, Pink or Black PVC Jackets
- Convenient, 1,000' easy pull box
- TIA/EIA 568-B.2, UL 444, and ISO/IEC 11801
- RoHS Compliant easy display attachment and detachment

Cat5e 1,000' Box, Blue Jacket

Model No. DT-CAT5E-BX-BL Call for Pricing/1000'

Cat5e 1,000' Box, Gray Jacket

Model No. DT-CAT5E-BX-GY Call for Pricing/1000'

Cat5e 1,000' Box, Black Jacket

Model No. DT-CAT5E-BX-BK Call for Pricing/1000'

Cat5e 1,000' Box, White Jacket

Model No. DT-CAT5E-BX-WT Call for Pricing/1000'

Cat5e 1,000' Box, Yellow Jacket

Model No. DT-CAT5E-BX-YL Call for Pricing/1000'

Cat5e 1,000' Box, Green Jacket

Model No. DT-CAT5E-BX-GN Call for Pricing/1000'



Category 5e 24 AWG, 4 Pair Twisted, Shielded Plenum Cable, Blue Jacket

Category 5e 24 AWG, 4 Pair Twisted, Shielded Plenum Cable, Blue Jacket

Model No. CAT5E-SHLD-PL-BL Call for Pricing/1000'



Category 5e 24 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Category 5e 24 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Model No. CAT5E-PL-BL Call for Pricing/1000'



Category 5e 24 AWG, 4 Pair Twisted, Outdoor Direct Burial, Gel Filled Cable, Black Jacket

Category 5e 24 AWG, 4 Pair Twisted, Outdoor Direct Burial, Gel Filled Cable, Black Jacket

Model No. DT-CAT5E-DBGEL-BLK Call for Pricing/1000'



Shielded Cat5e Cable

- 4 Pair twisted, 24 AWG Conductors
- Polyethylene tape
- Aluminum foil shielding, 100% coverage
- Tinned copper drain wire
- Blue PVC Jacket with rip cord
- UL Listed, CMR Rated
- Certified to 350 MHz, TIA/EIA-568B.2

Shielded Cat5e Cable

Model No. DT-CAT5E-SHLD-BL Call for Pricing/1000'



Cat5e Direct Burial Cable

- 4 Pair, 24 AWG, unshielded twisted pair (UTP)
- 350 MHz, inner foam wrap with rip cord
- Outdoor direct burial black jacket

Cat5e Direct Burial Cable - Unshielded

Model No. CAT5E-WBLOCK-BLK Call for Pricing/1000'

Also Available in Shielded

Cat5e Direct Burial Cable - Shielded

Model No. CAT5E-WBLOCK-SHLD-BK Call for Pricing/1000'



Category 6 UTP Network Cable

Features

- Four pair, 23 AWG Solid conductors
- Rated to 500 MHz
- Unshielded, With rip cord
- Available in Blue, Gray, White, Yellow, Green or Black Jackets
- Convenient, 1,000' easy pull box
- TIA/EIA 568-B.2, UL 444, and ISO/IEC 11801
- RoHS Compliant

Cat6 1,000' Box, Blue Jacket

Model No. DT-CAT6-BX-BL Call for Pricing/1000'

Cat6 1,000' Box, Gray Jacket

Model No. DT-CAT6-BX-GY Call for Pricing/1000'

Cat6 1,000' Box, Black Jacket

Model No. DT-CAT6-BX-BK Call for Pricing/1000'

Cat6 1,000' Box, White Jacket

Model No. DT-CAT6-BX-WT Call for Pricing/1000'

Cat6 1,000' Box, Yellow Jacket

Model No. DT-CAT6-BX-YL Call for Pricing/1000'

Cat6 1,000' Box, Green Jacket

Model No. DT-CAT6-BX-GN Call for Pricing/1000'

Cat6 1,000' Box, Orange Jacket

Model No. DT-CAT6-BX-OR Call for Pricing/1000'

Category 6 23 AWG, 4 Pair Twisted, Direct Burial Gel Filled, 550 MHz, Black Jacket



Category 6 23 AWG, 4 Pair Twisted,
Direct Burial Gel Filled, 550 MHz, Black Jacket

Model No. CAT6-DBGEL-BLK Call for Pricing/1000'



Cat6 Direct Burial Cable

- 4 Pair, 23 AWG, unshielded twisted pair (UTP),
- 550 MHz, inner foam wrap with rip cord
- Outdoor direct burial black jacket

CAT6-WBLOCK-BLK

Model No. CAT6-WBLOCK-BLK Call for Pricing/1000'



Category 6 23 AWG, 4 Pair Twisted, Shielded, 550 MHz, Blue Jacket

Category 6 23 AWG, 4 Pair Twisted, Shielded, 550 MHz,
Blue Jacket (other jacket colors available)

Model No. CAT6-SHLD-BL Call for Pricing/1000'



Category 6 23 AWG, 4 Pair Twisted, Shielded Plenum Cable, Blue Jacket

Category 6 23 AWG, 4 Pair Twisted, Shielded
Plenum Cable, Blue Jacket

Model No. CAT6-SHLD-PL-BL Call for Pricing/1000'



Category 6 23 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Model No. DT-CAT6-PLENUM-BL Call for Pricing/1000'

Category 6 23 AWG, 4 Pair Twisted, Unshielded Plenum Cable, White Jacket

Model No. DT-CAT6-PLENUM-WH Call for Pricing/1000'

Category 6 23 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Model No. CAT6-PL-BL Call for Pricing/1000'

Riser Rated or Plenum Rated Cat6A Network Cable, 10 Gig Rated

- 4 Pair UTP (Unshielded Twisted Pair)
- 23 AWG Solid Conductors
- 650 MHz Rated
- Outer Aerated PVC Jacket (CAT6A-10G-BL)
- Plenum Rated Jacket (CAT6A-10GPL-BL)
- Internal Dividing Spline with TTop Separators
- ETL Listed Type CMR

Riser Rated Cat6A Network Cable, 10 Gig Rated

Model No. CAT6A-10G-BL Call for Pricing/1000'

Plenum Rated Cat6A Network Cable, 10 Gig Rated

Model No. CAT6A-10GPL-BL Call for Pricing/1000'





Category 6A Riser Rated (CMR), 23 AWG, 4 Pair Twisted, 500MHz, Solid Bare Copper Conductor, Blue Jacket

Category 6A Riser Rated (CMR) 23 AWG, 4 Pair Twisted, 500MHz, Solid Bare Copper Conductor, Blue Jacket
Model No. DT-CAT6A-BX-BLUE Call for Pricing/1000'

RG-6 Coaxial Cables



RG-6, PVC Jacket UL Listed, CCS Center Conductor

Black PVC Jacket /Reel in Box
Model No. RG6UR-RB-BK
Call for Pricing/1000'

White PVC Jacket/Reel in Box
Model No. RG6UR-RB-WHT
Call for Pricing/1000'

RG-6, PVC Jacket UL Listed, CCS Center Conductor

Black PVC Jacket
Model No. RG6UR-BK-
Call for Pricing/1000'

White PVC Jacket
Model No. RG6UR-WHT-
Call for Pricing/1000'



Dual RG-6, PVC Jacket, UL Listed, 3 GHz, Solid Copper Center

Black PVC Jacket
Model No. RG6U-BLK-DUAL-500BCCall for Pricing/500'
White PVC Jacket
Model No. PVCX2W Call for Pricing/500'



Dual RG-6 w/attached CCS Wire, PVC Jacket, UL Listed, 3 GHz, Solid Copper Center

Black PVC Jacket
Model No. RG6U-BLK-DUAL-GND-500BC ..Call for Pricing/500'
White PVC Jacket
Model No. PVCX3WCall for Pricing/500'

RG-6 Quad, UL Listed, Solid Copper Center

Black Jacket
Model No. RG6QU-RB-BLK-BC Call for Pricing/1000'



RG-6 Quad, UL Listed, CCS Center

Black Jacket
Model No. RG6QU-RB-BLK
Call for Pricing/1000'

White Jacket
Model No. RG6QU-RB-WT
Call for Pricing/1000'

RG-6, PVC Jacket, with Messenger, CCS Center

Black PVC Jacket
Model No. 107-1233BK-MESG Call for Pricing/1000'



.500 Jacketed hardline cable, flooded for direct burial

Short spools (1,500' - 2,400')
when available
Model No. T-10-500-JB-S
Call for Pricing/1000'



Full 2,400' spool
Model No. T-10-500-JB
Call for Pricing/1000'



RG-6, UL Listed, Solid Copper Center Conductor

Black Jacket
Model No. RG6U-RB-BLK-BC
Call for Pricing/1000'

Blue Jacket
Model No. RG6U-RB-BL-BC
Call for Pricing/1000'

Grey Jacket
Model No. RG6U-RB-GRY-BC
Call for Pricing/1000'

Orange Jacket
Model No. RG6U-RB-OR-BC
Call for Pricing/1000'

White Jacket
Model No. RG6U-RB-WT-BC
Call for Pricing/1000'

Green Jacket
Model No. RG6U-RB-GN-BC
Call for Pricing/1000'

Plenum RG-6 Cable, 3 GHz, CCS Center

White Jacket - 500' Reel-In-Box
Model No. RG6UP-RB-500
Call for Pricing/500'

White Jacket - 1,000' Spool
Model No. RG6UP-RL-1000
Call for Pricing/1000'



Plenum RG-6 Quad Shield, UL Listed, CCS Center

White Jacket - 1,000' Spool
Model No. RG6QPWH1Call for Pricing/1000'



Plenum RG-6 Quad Shield, Bare Copper Center

White Jacket - 1,000' Spool
Model No. RG6QPWH1-BCCall for Pricing/1000'

RG-11 Coaxial Cables

RG-11, PVC Jacket, 3 GHz

UL Listed, CCS Center

Black Jacket

Model No. RG11U-RL Call for Pricing/1000'

RG-11, PVC Jacket, 3 GHz UL Listed, Solid Copper Center

Black Jacket

Model No. RG11U-RL-BC Call for Pricing/500'

RG-11, 3 GHz, CCS Center, Dual Shield

Black Jacket

Model No. 107-1032BK-R11 Call for Pricing/1000'

Plenum Rated RG-11,

3 GHz, CCS Center

White Jacket

Model No. RG11UP-RL-* Call for Pricing/1000'

Plenum Rated RG-11, 3 GHz, Solid Copper Center

White Jacket - 500' Spool

Model No. RG11UP-RL-500BC

Call for Pricing/500'

White Jacket - 1,000' Spool

Model No. RG11UP-RL-1000BC

Call for Pricing/1000'

Belden RG-11 Direct Burial,

CCS Center

Black Jacket

Model No. 1525A Call for Pricing/1000'

Belden RG-11 Messenger,

CCS Center

Black Jacket

Model No. 1524A Call for Pricing/1000'

Connectors



Coaxial Cable F Male Connector, RG-11 Compression Type

A. Model No. CT-RG11CF

Price \$3.89/each

Belden Compression F Connector for dual through quad shield RG-11

B. Model No. FS-11

Price \$5.19/each

Belden Compression F Connector for dual through quad shield Plenum RG-11

C. Model No. FS11PL

Price \$3.45/each



RG-59 Headend Cable,

2 Full Coverage Foils and 1 - 95% Braid

Blue Jacket

Model No. RG59UHE-BL Call for Pricing/1000'

Green Jacket

Model No. RG59UHE-GN Call for Pricing/1000'

Red Jacket

Model No. RG59UHE-RD Call for Pricing/1000'

Yellow Jacket

Model No. RG59UHE-YL Call for Pricing/1000'

Purple Jacket

Model No. RG59UHE-PL Call for Pricing/1000'

CATV Notch Filter, FM Band, Inline Coaxial Device

A multichannel notch filter is a coaxial in line filter that can attenuate certain bands of channels and make the audio video signal non-watchable or audible. This filter can be used to make unwanted RF content unwatchable.

Model No. 5KMT-FM Call for Pricing

Pre-Made Coax Jumpers
With Compression DIRECTV
Approved F Connectors &
Solid Copper, 3 GHz Rated
RG-6 Coaxial Cable

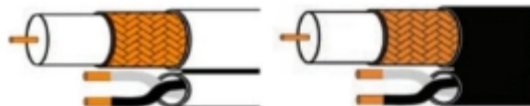


Length	Black Jacket Models	White Jacket Models	PRICE
12"	J12-DRE	J12-DRE-WT	\$1.79
18"	J18-DRE	J18-DRE-WT	\$1.99
24"	J24-DRE	J24-DRE-WT	\$2.45
36"	J36-DRE	J36-DRE-WT	\$2.67
48"	J48-DRE	J48-DRE-WT	\$2.90
60"	J60-DRE	J60-DRE-WT	\$2.79
72"	J72-DRE	J72-DRE-WT	\$3.23
96"	J96-DRE	J96-DRE-WT	\$3.79
108"	J108-DRE	-	\$3.59
120"	J120-DRE	J120-DRE-WT	\$4.24

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Images shown may be different from actual product.

Volume discounts available. Call for pricing.



Siamese RG-59 Video cable with Attached 18/2 Power Cable

Siamese CCTV cable allows installers to run both the video and power to security cameras using a single cable. These have a 20 AWG solid copper center conductor, 95% maximum braided shielding, and 75 ohm impedance. Cable is ETL rated.

Siamese RG-59 Video cable with Attached 18/2 Power Cable

Models	CCTV CABLE-500-WHT	CCTV CABLE-500-BLK
Length	500'	500'
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$80.58	\$80.58

Models	CCTV CABLE-1000-WHT	CCTV CABLE-1000-BLK
Length	1000'	1000'
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$161.16	\$161.16

Models	CCTV CABLE-500RB-WHT	CCTV CABLE-500RB-BLK
Length	500'	500'
Color	White	Black
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$80.58	\$80.58



Plenum Siamese RG-59 with Attached 18 AWG, 2 Conductor Power Cable

Plenum rated Siamese CCTV cable, RG-59 video cable with attached 18 AWG two conductor cable. solid copper center conductor with 95% copper clad aluminum braiding

Plenum Siamese RG-59 Video cable with Attached 18/2 Power Cable

Models	H59+182PWH3-500
Length	500'
Color	White
Spool/Reel in a Box	Reel in a Box
Price	\$284.00



Siamese Pre-Made Jumpers

Siamese CCTV jumper cable, RG-59 Video cable with BNC connectors on both ends and attached connectorized 18 gauge, 2 conductor power cable.



Siamese Pre-Made Jumpers

Models	ST-PMJ25W	ST-PMJ25B
Length	25'	25'
Color	White	Black
Price	\$7.78	\$7.78

Models	ST-PMJ60W	ST-PMJ60B
Length	60'	60'
Color	White	Black
Price	\$15.62	\$15.62

Models	ST-PMJ100W	ST-PMJ100B
Length	100'	100'
Color	White	Black
Price	\$26.82	\$26.82

Models	ST-PMJ150W	ST-PMJ150B
Length	150'	150'
Color	Black	Black
Price	\$31.30	\$31.30

Models	ST-PMJ200W	ST-PMJ200B
Length	200'	200'
Color	Black	Black
Price	\$40.26	\$40.26

RG59 Cable, Swept To 1,000 MHz, Bare Copper Center Conductor, Dual Shield, 95% CCA Braiding

Designed specifically for Power Over Coax (PoC) Video Surveillance cameras.



RG59 Cable, Swept to 1000MHz

Models	RG59U-95CCA-RL-B	RG59U-95CCA-RL-WHT
Length	1000'	1000'
Color	Black	White
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$109.64	\$109.64

Coaxial Cable Universal Multi-Compression Crimp Tool**For F, BNC, And RCA Connectors**

The CableTronix Universal Multi-Compression Crimp Tool is the ideal solution for professionals working with CATV (Cable Television) and CCTV (Closed-Circuit Television) systems. This high-quality, versatile tool is specifically designed to crimp F, BNC, and RCA connectors, ensuring secure and reliable connections for coaxial cables.

Engineered for both durability and ease of use, the tool features a rugged construction that stands up to frequent use, while its ergonomic handle design provides a comfortable, secure grip during extended crimping sessions. Whether you're working with video distribution, communication networks, or surveillance systems, the CableTronix Universal Crimp Tool guarantees precision and optimal performance, making it a must-have for your toolkit.

For added convenience, the Multi-Head Replacement Head for the compression crimp tool is available under Model CT-UNV-MCT-RH, allowing for easy swapping and long-lasting usability.

Whether you're a technician, installer, or maintenance professional, this tool is the go-to choice for reliable, consistent crimps every time.

Coaxial Cable Universal Multi-Compression Crimp Tool

Model No. CT-UNV-MCT \$59.00

Multi-Head Replacement Head

Model No. CT-UNV-MCT-RH \$14.54



Universal multi-media
compression tool, steel

Model No. CPLCCT-SLM..... Call for Pricing

SealSmart™ PROCON Compression

- Head rotates to switch from RG6Q/6 to RG11/7
- Connector positioner rotates to change between F, BNC or RCA
- Adjustable crimp stroke
- Accommodates all standard compression F, BNC, RCA & right angle connectors
- Guide rule on side of tool
- High carbon tool steel frame - built to last

Model No. 16213C\$58.89

Replacement Multi-Head Adapter for 16213C

Model No. 16215C \$12.99



Compression crimping tool for
RG-59/6/7/11 connectors

Model No. CPLCCT-S59-11... Call for Pricing

**Coaxial Cable Radial Crimping Tool, RG59/6
Compatible Radial And Double Bubble
Multimedia Connectors**

- Required tool for RG59/6-WR and RG59/6-NR series radial connectors
- Robust blue handle grips ezEX-RJ45™ connectors

The CPLCRBC-BR is a high-grade crimping tool which is compatible with Belden (360) degree radial crimp and double bubble connector series. This crimp tool features a self-adjusting plunger head which allows a true, secure, and permanent (360) degree compression crimp every time. This tool has a variety of fixed compression dies with the tool to accommodate F, RCA, and BNC connector types across PVC, plenum, and mini cable jacket types.

Model No. CPLCRBC-BR..... \$173.00



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**Compression Crimping Tool**

A. Model No. CTL-102 \$29.00

F-Type Insertion Extraction Tool

B. Model No. SW-8F \$17.99

**Double Ended Coax Stripper**

- Quickly and easily remove the cable jacket and inner conductors in a single step
- Works with RG7/11/213/8 and RG59/6/6 Quad cable types
- Control the cutting depth by the number of rotations made around the cable
- Preset, no adjustments required

Model No. 15020C.....\$10.39

**CableTronix****Voltage Blocking Coupler – High Return Loss**

The CableTronix CT-VBC-HR is an inline passive coupler that blocks DC voltage while allowing RF signals to pass uninterrupted. Its high return loss design helps protect sensitive equipment such as CATV set-top boxes, modems, and satellite receivers from unwanted DC voltage on coaxial lines.

- Blocks DC voltage, passes RF signals
- High return loss performance
- Inline passive design
- Protects CATV, modem, and satellite equipment

Model No. CT-VBC-HR.....\$2.19

All-In-One Stripping Tool

- Coax (Video) replaceable cassette blades are pre-set, no adjustment required
- Twisted pair (Data) is adjustable and covers a wide range of Cat5e and Cat6 cables
- Round cables (Voice) is adjustable and covers a wide range of telephone round and flat satin cables
- Includes braid comb, Velcro, for folding the braid back over the cable jacket
- Multi-conductor cables
- Audio cables
- Built-in cable cutter

Model No. 15018C \$14.00

**CATV****Adapter Nuts**

Nuts - 100/bag

Model No. NUTS \$8.00/100

CATV Adapter Nuts and Washers

Nuts - 100/bag

Model No. NW\$12.00/100

**Coaxial Cable Weather Seal**

.25", Black 100/Bag

Model No. CT-SEAL\$4.00/100

Gasketed Safety Glasses

LW3 series clear safety glasses, UV-AF(R) anti-fog lens, foam lined safety glasses, soft secure TPR nose piece and temple inserts. ANSI/ISEA Z87.1 2020 Standard.



Model No. LW310AF..... \$13.55

BNC and RCA Connectors for RG59 Cable

The connectors provide the advantages of waterproofing, cable signal ingress/egress elimination, and connection reliability over other connector products. This seal keeps your signal inside the cable and keeps unwanted signals from entering your system through openings in the connection. These connectors were designed with SecurityTronix cable in mind but work with most major brands of RG-59 cables.

**Compression BNC Male Connector For RG-59, Two Piece**

A. Model No. CT-BNC59C

Quantity	1-499	500-1,999	2000+
Price	\$1.10/each	\$1.06/each	\$1.00/each

Replacement pin for CT-BNC59C (50/bag)

Model No. CT-BNC59C-PIN

\$39.50/bag, \$.79 each

Compression RCA Male Connector For RG-59, Two Piece

B. Model No. CT-RCA59CSP

Quantity	1-499	500-1,999	2000+
Price	\$1.44/each	\$1.34/each	\$1.30/each

Replacement pin for CT-RCA59CSP

Model No. CT-RCA59CSP-PIN

Call for Pricing

BNC Connector Adapters



"F" Female To BNC Male Adapter

Model No. 200-130

Price	\$1.79/each
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Push On F Male Adapter

Model No. PF-59

Price	\$.85/each
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RCA Connector Adapters



RCA Female To BNC Male Adapter

Model No. RCATOBNC

Quantity	1-49	50+
Price	\$1.29/each	\$.99/each



"F" Female To RCA Male Adapter

Model No. FF-R

Quantity	1-49	50-99	100+
Price	\$1.06/each	\$.90/each	\$.80/each



RCA Female To F Male Adapter

Model No. RCA-F

Quantity	1-49	50-99	100+
Price	\$.99/each	\$.85/each	\$.79/each

RCA Connector Adapters



RCA Double Female Splice

Model No. 902A

Quantity	1-49	50-99	100+
Price	\$.69/each	\$.49/each	\$.39/each

F Type Connector Adapters



Male Coax Splice, F-Male Threaded to F-Male Push-On, High Return Loss, 3 GHz

Model No. PF-71HR \$2.49



Right Angle F Adapter

Model No. F-90

Quantity	1-49	50+
Price	Call for Pricing/each	



F Male to F Male Adapter

Model No. F-71

Quantity	1-99	100+
Price	Call for Pricing/each	



3 GHz Rated F Female to F Female Barrel Connector

Model No. F-813GZ ...Call for Pricing/100

F Type Compression



RG-11 F Connector for non-plenum dual shielded RG-11 cable

Model No. CT-RG11CF \$3.89



Compression F connector for RG59 dual- and tri-shield coaxial cable. Non-plenum rated

Sold in packs of 100

Model No. CT-RG59CF \$66.08/100



RG-6 Compression

F connector designed specifically for the satellite market. 0 - 3 GHz Rated

Model No. PV6UE-05 Call for Pricing

F Type Terminators



75 Ohm AC/DC Blocking F Terminator, 5-2,300 MHz

Model No. AF-59TPB Call for Pricing

75 Ohm DC Passing F Terminator, 5-2,300 MHz

Model No. CT-59TPB Call for Pricing



75 Ohm F Terminator, 3 GHz

Model No. F-TM3GZ ...Call for Pricing/100



3 GHz F Attenuator Pad

Model No.	dB Value	Price
CT-PPFAM-3	3	Call for Pricing/each
CT-PPFAM-6	6	Call for Pricing/each
CT-PPFAM-8	8	Call for Pricing/each
CT-PPFAM-10	10	Call for Pricing/each
CT-PPFAM-12	12	Call for Pricing/each
CT-PPFAM-16	16	Call for Pricing/each
CT-PPFAM-20	20	Call for Pricing/each



1 GHz F Attenuator Pad

Model No.	dB Value	Price
CT-FAM-3	3	Call for Pricing/each
CT-FAM-6	6	Call for Pricing/each
CT-FAM-8	8	Call for Pricing/each
CT-FAM-10	10	Call for Pricing/each
CT-FAM-12	12	Call for Pricing/each
CT-FAM-16	16	Call for Pricing/each
CT-FAM-20	20	Call for Pricing/each

Voltage Blocking Coupler,
High Return Loss

Model No. VBC-HR \$2.19

Model No. CT-VBC-HR \$2.19

54MHz CATV High Pass Filter, Inline
Coaxial Device

Model No. CT-HPF-54 \$3.99

Inline Coax Wideband Attenuator
Pad, Power-Passing, 30 Db Value,
DC-03,000 MHz

Model No. FAMP-20 \$2.19

B-Wire Crimp Connector Suitable
for 19-26 AWG Wire

Non - Gel Filled

Model No. 300-070 \$14.00/100

Gel Filled

Model No. 300-077 \$14.00/100



The ProSNS™ connector family

- This family includes F, RCA and BNC universal connectors for series 6 and 59 coaxial cables as well as F and BNC connectors for series 11 coaxial cables
- RGB/mini, plenum, and right angle connectors are also available in traditional configurations
- All ProSNS™ connectors utilize TRUE 360° compression onto the cable providing superior RF shielding performance, 85 dB effective shielding (typical on 60% bonded foil cable)
- The patented floating-pin insertion guide assists with the insertion of the cable into the connector and reduces the insertion force required to provide consistency and easy termination of the connector
- An additional O-ring placed at the base of the connector with a NiTin finish and UV resistant plastic provides a reliable, environmentally sealed product on the cable
- ProSNS™ RG-11 connectors are designed utilizing an air dielectric for better performance and excellent return loss
- Low insertion force is required to compress the connector onto the cable
- The improved design offers the flexibility to be installed with nearly all available compression tools
- Installation requires the industry standard 1/4"-1/4" cable preparation

The ProSNS™ connector family includes F, RCA and BNC universal (fits standard through quad-shield cable) connectors for series 6 and 59 coaxial cables. RGB/mini, plenum and right angle configurations are available in traditional F-Conn® or Snap-N-Seal® configurations.

Models	Description	Price	Color Band	Recommended Tool
RG-59 standard through quad-shield cable				
A FSNS59U	Universal F Connector	Call for Pricing	Red	CPLCCT-SLM
B FSNS59BNCU	Universal BNC Connector	Call for Pricing	Red	CPLCCT-SLM
C FSNS59RCU	Universal RCA Connector	Call for Pricing	Red	CPLCCT-SLM
RG-6 standard through quad-shield cable				
D FSNS6U	Universal F Connector	Call for Pricing	Green	CPLCCT-SLM
E FSNS6BNCU	Universal BNC Connector	Call for Pricing	Green	CPLCCT-SLM
F FSNS6RCU	Universal RCA Connector	Call for Pricing	Green	CPLCCT-SLM
G FSNS6PL	F connector for plenum cable	Call for Pricing	Green	CPLCCT-SLM
RG-11 standard through quad-shield cable				
H 716SNS1P11H	Universal F Connector for RG-11 standard through quad-shield cable, 7/16" Nut	Call for Pricing	Black	CPLCCT-559/11
I 716SNS1P11HPLA	F Connector for RG-11 Plenum cable, 7/16" Nut	Call for Pricing	Gray	CPLCCT-559/11
J 716SNS1P11HQ	F Connector for RG-11 quad-shield cable, 7/16" Nut	Call for Pricing	Purple	CPLCCT-559/11
K SNS1P11H-9/16	Universal F Connector for RG-11 standard through quad-shield cable, 9/16" Nut	Call for Pricing	Black	CPLCCT-559/11
L 90SNS1P11H	Right angle F Connector	Call for Pricing	Black	CPLCCT-559/11
M FSNS11HBNC	Universal BNC Connector	Call for Pricing	Black	SNSUNI
N FSNS11HBNCPLA	BNC Connector for RG-11 Plenum cable	Call for Pricing	Gray	SNSUNI
O FSNS11QBNC	BNC Connector for RG-11 quad-shield cable	Call for Pricing	Purple	SNSUNI



All Purpose Nylon Cable Ties

- Nylon 6.6 Weather Resistant Cable Ties
- UV Protected – pass 500 Hour UV Test
- 50 lb Tensile Strength for 8", 11" & 15" Ties
- Conveniently Packaged 100 Per Pack
- Sturdy Non-Releasing Head

8" Black Ties, 100/Pack

Model No. CT-8BL-C..... Call for Pricing

8" White Ties, 100/Pack

Model No. CT-8WH-C..... Call for Pricing

11" Black Ties, 100/Pack

Model No. CT-11B..... Call for Pricing

11" White Ties, 100/Pack

Model No. CT-11WH..... Call for Pricing

15" Black Ties, 100/Pack

Model No. CT-15BL..... Call for Pricing

15" White Ties, 100/Pack

Model No. CT-15WH..... Call for Pricing



A



B



C

Coax Wall Plates

Single Coax Wall Plate with F-81 Rated To 3 GHz - White or Ivory

A. Model No. WP-812G-*Call for Pricing

Dual Coax Wall Plate With F-81 Rated To 3 GHz - White or Ivory

B. Model No. WPD-812G-*Call for Pricing

TV Wallplate, single F offset - White or Ivory

C. Model No. BP4-*Call for Pricing



Velcro - 1/2"

1/2 inch width, roll length 100 feet, black finish color, double sided, self-gripping straps, Reusable, indoor and outdoor rated, cut to desired length.

Model No. CT-VLC-HI-100BLK\$15.00

Velcro - 1"

One inch width, roll length 30 feet, black finish color, double sided, self-gripping straps, Reusable, indoor and outdoor rated, cut to desired length.

Model No. CT-VLC-1IN-30BLK.....\$17.00



Orange cable marking tags, serialized, marking surface on both sides

Model No. 17PNLORG\$22.00/100

Also available in Black, Blue, Green, Red & Yellow



Cable Distribution Rings

17/8" Cable Distribution Ring

Model No. 310-390.....\$2.99

31/8" Cable Distribution Ring

Model No. 310-392.....\$3.89

51/8" Cable Distribution Ring

Model No. 310-394.....\$4.49



RG-6 Single Screw Clip with 1/2" Screw In Depth & Channel For ground wire

Black - 100/pack

A. Model No. FC-1B.....\$7.19/100

White - 100/pack

Model No. FC-1W.....\$7.19/100

RG-6 Dual Screw Clip with 1/2" Screw In Depth & Channel For ground wire

Black - 100/pack

B. Model No. FC-2B.....\$7.49/100

White - 100/pack

Model No. FC-2W.....\$7.49/100

24 and 48 Port Cat6 Patch Panels

The DT-CATPP624 and DT-CATPP648 are respectively 24-port and 48-port Category 6 patch panels designed for Gigabit Ethernet network applications. These panels support T568A and T568B wiring configurations, are FCC subpart 68 compliant and provide complete 256MHz bandwidth. The DT-CATPP series of patch panels are also reverse compatible to meet Category 5 and Category 5e specifications.

24 Port Cat6 Patch Panel

Model No. DT-CATPP624\$44.78

48 Port Cat6 Patch Panel

Model No. DT-CATPP648\$64.94

DT-CATPP624 Contents

- One DT-CATPP624 patch panel
- Four rack screws
- One package of connection covers & 2" cable ties
- One strain relief bar

DT-CATPP648 Contents

- One DT-CATPP648 patch panel
- Eight rack screws
- Two packages of connection covers & 2" cable ties
- Two strain relief bars



16 PoE Ports

Unmanaged Switch

Built-In Power 300W

16 Ports support

16 PoE Ethernet Switch is a security monitoring Ethernet switches are designed to Ethernet HD monitor security systems and Ethernet projects. The product is fully integrated with the characteristics of the security monitoring, providing fast packet forwarding capability, the product is fully gigabit transfer rates provide enough bandwidth to ensure clear images and smooth transmission. Provide enough bandwidth demand for high-definition video. UL: Listed

Model No. POE-6018B\$229.00

8 Port Unmanaged Gigabit Switch

Model No. 170191\$99.90



16 Port Managed Ethernet Switch, (10/100/1000)Gbps,

TP-Link TL-SG116E, 16 port gigabit switch, easy smart managed, plug and play, 1 year manufacturer warranty, desktop or wall mount, sturdy metal with shielded ports, supports quality of service Vlan, IGMP and LAG.

Model No. TL-SG116E\$129.00



MIMOSA 4.9-6.4GHz 8dBi Radio for PTM/PTP

4.9-6.4GHz PTM/PTP Radio, speeds up to 700 mbps, N5-X modular antenna compatible, 12,16,20,25 dbi options, GB Ethernet, passive poe compliant (24-56v DC), no power supply included (use 502-0025 & 501-0094) Sold as individual units (requires 2 for a data link)

A. Model No. C5X\$114.00

MIMOSA 150mm Horn Antenna for C5X 16 dBi Gain

4.9-6.4 GHz modular twist on antenna, 150mm horn for C5X, 16 dbi gain.

B. Model No. N5-X16\$39.69



Modular Wall Plate Systems

Models	Snap In Cavities	Price (1-24)	Price (25+)
A CT-KEY-WP1WH	One	\$.88/each	\$.78/each
B CT-KEY-WP2WH	Two	\$.88/each	\$.78/each
C CT-KEY-WP3WH	Three	\$.88/each	\$.78/each

Modular Wall Plate Systems

Models	Snap In Cavities	Price (1-24)	Price (25+)
D CT-KEY-WP4WH	Four	\$.88/each	\$.78/each
E CT-KEY-WP6WH	Six	\$.88/each	\$.78/each

MIX & MATCH TO MEET QUANTITY PRICING



A. Keystone Modular Wallplates

Model No.	1-24	25+
CT-KEY-FINS-HF	\$1.10/each	\$1.00/each

Blank Insert, White

B. Model No. CT-KEY-BLANK

Quantity	1-9	10-99	100+
Price	\$.28/each	\$.23/each	\$.18/each

HD Insert, White

C. Model No. CT-KEY-HD \$3.34



DB9 Female, RJ45 Female, Serial Port Adapter

Used for modular RS232, RS422, and RS485 connections, the adapter converts your DB9 Male connection into an RJ45 female connection. The adapter allows for custom serial pin out configurations.

Model No. GC98FF\$17.89



Category 5e Keystone Insert, Data Grade, Blue

Model No. CT-KEY-CAT5E

Quantity	1-10	10-99	100+
Price	\$1.55/each	\$1.45/each	\$1.25/each

Category 6 Keystone Insert, Data Grade, Yellow

Model No. CT-KEY-CAT6

Quantity	1-10	10-99	100+
Price	\$2.00/each	\$1.90/each	\$1.60/each



Cat5e Modular Plug 8 Pin, 8 Position

A. Model No. CT-C5MP

Quantity	100	500-900	1000+
Price	\$13.00/100	\$11.00/100	\$9.00/100

Cat6 Modular Plug 8 Pin, 8 Position

B. Model No. CT-C6MP

Quantity	100	500-900	1000+
Price	\$21.16/100	\$19.16/100	\$16.16/100

Cat5e Patch Cables

Features

- Non-booted, flexible data cables connect hub to patch-panel or wall-outlet to workstation
- Suitable for high-speed data applications, including gigabit ethernet, fast ethernet and 155Mbps TPPMD/CDDI
- 4-Pair 24 AWG-stranded copper UTP cable
- 100% Tested wiring sequence and continuity
- Flame retardant - type CM



- Exceeds EIA/TIA 568B
- UL Listed

Available in Blue (BL), Yellow (YL), Gray (GY), Green (GN), Black (BLK) & White (WT). Please specify color when ordering.

Cat5e UTP Patch Cords						
Models	Color Codes					
	BL	YL	GY	GN	BLK	WT
DT-C5PC-1	BL	YL	GY	GN	BLK	WT
DT-C5PC-1.5	BL	YL	GY	GN	BLK	WT
DT-C5PC-2	BL	YL	GY	GN	BLK	WT
DT-C5PC-3	BL	YL	GY	GN	BLK	WT
DT-C5PC-5	BL	YL	GY	GN	BLK	WT

Cat5e UTP Patch Cords						
Models	Color Codes					
	BL	YL	GY	GN	BLK	WT
DT-C5PC-7	BL	YL	GY	GN	BLK	WT
DT-C5PC-10	BL	YL	GY	GN	BLK	WT
DT-C5PC-15	BL	YL	GY	GN	BLK	WT
DT-C5PC-25	BL	YL	GY	GN	BLK	WT

Fast Media CAT6 Patch Cables

Features

- Ultra-High-Performance Data Communications Cable
- Suitable for 550 MHz High-Speed Transmission
- Critical Network Applications, Gigabit Ethernet, Fast Ethernet, Broadband Audio and Video, 155Mbps ATM, 100Mbps TPPMD/CDDI, NEXT, ELTEXT and RL Bandwidth Compliant
- 100% Tested Wiring Sequence & Continuity
- Terminated to 8-Contact RJ45 Modular Plugs
- Flame Retardant – Type CM
- Exceeds Category-6 ANSI/TIA/EIA 568B.2-1 and ISO/IEC 11801 standards and all proposed Category6 requirements for highspeed, full duplex, parallel transmission protocols
- UL Listed



Available in Blue (BL), Yellow (YL), Gray (GY), Green (GN), Black (BLK), White (WT) & Orange (OR). Please specify color when ordering.

Cat6 UTP Patch Cords						
Models	Color Codes					
	BL	YL	GY	GN	BLK	WT
DT-C6PC-1	BL	YL	GY	GN	BLK	WT
DT-C6PC-1.5	BL	YL	GY	GN	BLK	WT
DT-C6PC-2	BL	YL	GY	GN	BLK	WT
DT-C6PC-3	BL	YL	GY	GN	BLK	WT
DT-C6PC-5	BL	YL	GY	GN	BLK	WT

Cat6 UTP Patch Cords						
Models	Color Codes					
	BL	YL	GY	GN	BLK	WT
DT-C6PC-7	BL	YL	GY	GN	BLK	WT
DT-C6PC-10	BL	YL	GY	GN	BLK	WT
DT-C6PC-15	BL	YL	GY	GN	BLK	WT
DT-C6PC-25	BL	YL	GY	GN	BLK	WT
DT-C6PC-50	BL	YL	GY	GN	BLK	WT



CAT6A Network Interconnect Cable, Booted RJ45 Ends

Length	Blue Jacket/Booted Models	PRICE	Length	Blue Jacket/Booted Models	PRICE
3'	10X6-6A403-S	Call for Pricing/each	10'	10X6-6A410-S	Call for Pricing/each
5'	10X6-6A405-S	Call for Pricing/each	25'	10X6-6A425-S	Call for Pricing/each
7'	10X6-6A407-S	Call for Pricing/each	50'	10X6-6A450-S	Call for Pricing/each

ProSeries RJ45 Pass-Through Products

DataTronix the industry-leading brand for RJ45 modular plug innovation and performance solutions is proud to introduce our ProSeries Pass-Through RJ45 product line. The DataTronix ProSeries have the most innovative and ground-breaking improvements to RJ45 design and performance since the introduction of the original pass-through RJ45.

The DataTronix ProSeries Pass-Through RJ45 modular plugs are specially designed to provide greater electrical conductivity, improved cross talk performance, and the best PoE/PoH performance of any pass-through RJ45; all critical to supporting today's LAN cable applications.

DataTronix Unshielded Pass Through RJ45 Modular Plugs for Cat5e UTP

Solid 24AWG, (Cat5e) Stranded 28-26AWG, Wire Conductors 0.037 - 0.041" (0.95 - 1.05mm), Max Cable OD 0.255" (6.5mm), UL94 V0 Commercial Rated, Blue Tint.



Container of 100

Model No. DT-CAT5E-RJ45-100 \$46.25

Container of 500

Model No. DT-CAT5E-RJ45-500 \$209.00

DataTronix Unshielded Pass Through RJ45 Modular Plugs for Cat6 UTP

23AWG Solid (Cat6 UTP), 26-24AWG Stranded (Cat5e/6 UTP), Wire Conductors 0.037-0.041" (0.95-1.05mm), Max Cable OD 0.276" (7.0mm), UL94 V0 Commercial Rated, Green Tint.



Container of 100

Model No. DT-CAT6-RJ45-100 \$51.95

Container of 500

Model No. DT-CAT6-RJ45-500 \$235.50

DataTronix Unshielded Pass Through RJ45 Modular Plugs with Cap45® Cat6/6a UTP

Cap45® is essential for pass-through RJ45 modular plugs in commercial and certified terminations. It snaps onto the plug after termination, eliminating electrical risks from exposed wire ends—ideal for PoE and networking gear. Supports 23AWG Solid (Cat6/6a UTP), Solid & Stranded conductors, Hi/Lo Stagger, 0.041-0.047" (1.05-1.2mm) wire conductors, max cable OD 0.291" (7.4mm). UL94 V0 Commercial Rated, Red Tint.



Container of 100

Model No. DT-CAT6-6A-RJ45-100 \$62.95

DataTronix Shielded External Ground Pass Through RJ45 Modular Plugs with Cap45® Cat6 STP

Solid 23AWG (Cat6), Conductor Type(s): Solid and Stranded, Hi/Lo Stagger, Wire Conductors 0.041 - 0.047" (1.05-1.2mm), Max Cable OD 0.315" (8mm), UL94 V0 Commercial (Plenum LSZH) Rated, Green Tint.



Container of 50

Model No. DT-CAT6-RJ45-SHLD-50 \$105.90

DataTronix Integrated Snagless Strain Reliefs for all DataTronix CAT5E ONLY UTP & STP RJ45 Mod Plugs

Commercial Rated UL94 V0 - Clear

100 pcs/Resealable Bag

Model No. DT-CAT5-STRAINBT-100 \$28.90

DataTronix Integrated Snagless Strain Reliefs for all DataTronix CAT6/6A ONLY UTP & STP RJ45 Mod Plugs

Commercial Rated UL94 V0-Clear

100 pcs/Resealable Bag

Model No. DT-CAT6-STRAINBT-100 \$28.90

- RATCHETED-for Full Compression Cycle
- REINFORCED STEEL-for Greater Stability
- SLIDING TOOL LOCK-to keep the crimp tool closed when not in use
- WIRE PATTERN ALIGNMENT -Where you most need it, right under the crimp socket
- BLADE STORAGE-Built into the Tool Handle for Easy Access
- MULTI-FUNCTION-Cuts and Strips Cable. Crimps External Ground Arm
- IMPROVED TRIMMING BLADE DESIGN - with a fixed blade position to deliver consistent flush-to-the-plug wire trimmings



DataTronix ProSeries Heavy Duty RJ45 Crimp Tool

for all DataTronix Unshielded & External/Internal Ground Shielded RJ45 Mod Plugs. Includes: Ext Ground Crimp Die, Tool Lock, Click Socket, Blade Storage, Stripper/Cutter.

Model No. DT-RJ45-CRIMPTOOL \$93.90

DataTronix Professional Adjustable LAN Cable Stripper & Cutter

For Shielded & Unshielded Cat7a/6a/6/5e UTP/STP.

Includes Wire Straightener- Blue

Model No. DT-UTP-STP-STRIPTOOL \$15.50



ezEX RJ-45 Termination Systems

EXO Crimp Frame® with EZ-RJ45® Die

- EZ-RJ45® Die is easily interchangeable
- Reversible EZ-RJ45 Die for ambidextrous operation
- Connectors lock into tool for correct positioning during crimp
- Push button lock for easy storage
- Ergonomic comfort grip TPR handles
- Compatible with EZ-RJ45 connectors: EZ-RJ45 Cat5e and Cat6, Shielded Cat5e and Cat6 connectors (internal and external ground)

The patented EXO Crimp Frame® with EZ-RJ45 Die was developed to terminate the original pass through EZ-RJ45 connectors which are a standard in the industry. The EXO Crimp Frame highlights a push button lock, ergonomic TPR handles, and works with the EXO-EX Die™ (P/N 100071C) for terminating ezEX-RJ45™ connectors.

EXO Crimp Frame® with EZ-RJ45® Die

Model No. 100062C **\$84.00**

EZ-RJ45 Die for EXO Crimp frame

Model No. 100072C **\$45.25**

EXO Crimp Frame® (Frame only w/o crimp die)

Model No. 100060C **Call for Pricing**

Replacement blade for EZ-RJ45 Die

Model No. 100072BL **Call for Pricing**

ezEX44 Connectors

This connector is designed for larger cables and conductors. Features a unique integrated Hi-Lo stagger load bar and allows 'big' conductors to pass through the front end of the connector making it easy to verify the wiring sequence before terminating. This connector is typically used with Cat6 and is terminated with EXO Crimp Frame® and EXO-EX Die™ (100061C). Cat-5e/6/6A compliant, works with solid or stranded 24-22 AWG conductors.



ezEX44 Connectors - 50/Clamshell

Model No. 100028C **\$32.79**

ezEX44 Connector, 100/Jar

Model No. 202044J **\$63.49**

ezEX44 Connectors, Bulk, 500/Bag

Model No. 105024 **Call for Pricing**


EXO Crimp Frame® with EXO-EX Die™

- Single cycle crimp and flush trim
- EXO Die™ is easily interchangeable
- Reversible EXO Die™ for ambidextrous operation
- Connectors lock into tool for correct positioning during crimp
- Push button lock for easy storage
- Ergonomic comfort grip TPR handles
- Terminates larger cables such as Cat6 and Cat6A

The patented EXO Crimp Frame® with EXO-EX Die™ was developed to terminate larger cables and conductors (typically Cat6/6A). EXO Crimp Frame with EXO-EX Die™ is designed for the ezEX-RJ45™ connectors. The ezEX-RJ45 connectors are an RJ45 pass through connector, developed for larger cables and conductors. Integrated Hi-Lo stagger for improved performance, one piece design pass through system. The EXO Crimp Frame has a patented push button lock, ergonomic TPR handles and works with the EZ-RJ45® Die for terminating EZ-RJ45 connectors

EXO Crimp Frame® with EXO-EX Die™

Model No. 100061C **\$84.00**

EXO-EX Die for EXO Crimp frame

Model No. 100071C **\$45.25**

EXO Crimp Frame® (Frame only w/o crimp die)

Model No. 100060C **Call for Pricing**

Replacement blade for EXO-EX die

Model No. 100071BL **Call for Pricing**

ezEX48 Connectors

This connector is designed for larger cables and conductors. Features a unique integrated Hi-Lo stagger load bar and allows larger conductors to pass through the front end of the connector making it easy to verify the wiring sequence before terminating. This connector is typically used with Cat6A and is terminated with EXO Crimp Frame® and EXO-EX Die™ (100061C). Cat-6A compliant, works with solid or stranded 23-22 AWG conductors.



ezEX48 Connectors, 50/Clamshell

Model No. 100029C **\$39.79**

ezEX48 Connector, 100/Jar

Model No. 202048J **\$76.89**

ezEX48 Connectors, Bulk, 500/Bag

Model No. 105025 **Call for Pricing**

RJ-45 Connectors & Tools

**A. EZ-RJ45® CAT 5/5e and CAT 6+ Connectors**

The new patented EZ-RJ45 Connector simplifies twisted pair terminations by allowing the wires to be inserted through the connector and out the front. This allows the technician to easily verify the proper wiring order. Electrical performance of the termination is optimized by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. By reducing the distance between the wire twists and contacts, performance is optimized!

EZ-RJ45® CAT 5/5e Connectors -Pack of 50

Model No. 100003C.....\$30.00/50 pack

EZ-RJ45® CAT 5/5e Connectors -Jar of 100

Model No. 202003J.....\$56.79/100 jar

EZ-RJ45® CAT 5/5e Connectors -Pack of 500

Model No. 105003.....\$273.90/500 pack

EZ-RJ45® CAT 6+ Connectors -Pack of 50

Model No. 100010C.....\$32.69/50 pack

EZ-RJ45® CAT 6+ Connectors -Jar of 100

Model No. 202010J.....\$64.00/100 jar

EZ-RJ45® CAT 6+ Connectors -Pack of 500

Model No. 105004.....\$308.25/500 pack

B. Data Connector, CAT6A RJ45 Shielded Modular Plug, 10 GBPS, 8 Pin/8 Position, with Liner, Solid Three Prong

Pack of 50

Model No. 106192C.....\$63.69/50

**EZ-RJ45® Crimp Tool**

A. Model No. 100004C.....\$57.69

EZ-RJPRO® HD Crimp Tool

B. Model No. 100054C.....\$79.00

Locking RF Terminator Removal Tool

These are tools used for the unlocking of CTP-59C and other compatible manufacturer locking terminator units. In some environments open F connections are closed with a locking terminator, such as the CTP-59C, to avoid any illegal coaxial connection and signal theft. A locking terminator is the item used to accomplish this, 4" Long or 7" long options.

7" Long

Model No. LTL-7.....\$19.99

**Double Gang Plastic Outlet Boxes with Adjustable Screw Mounts**

Model No. CT-LVB-DBL

Quantity	1-9	10-99	100-499	500+
Price	Call for Pricing/each			

Single Gang Plastic Outlet Boxes with Adjustable Screw Mounts

Model No. CT-LVB-SGL

Quantity	1-9	10-99	100-499	500+
Price	Call for Pricing/each			



Post construction bracket to hold a single gang wall plate when no box is present behind the wall. Wall plate mounts securely to MP-4101.

Model No. MP-4101.....\$79

Internet-Enabled Power Outlet (Single Port)

Compact, network-controlled AC outlet designed for reliable remote power management and equipment rebooting. Provides secure access through IP or Wi-Fi connectivity for convenient control from virtually anywhere. Omnivista 2500 controller-less network management system.

Internet-Enabled Power Outlet
Model No. OUTPOW1-REMOTE.. \$124.00

**Internet-Enabled Power Outlet Block (8) Switched + (2) Always-On AC Outlets**

Network-controlled power distribution unit designed for reliable remote management of connected equipment. Monitor, control, and sequence power through an intuitive web interface to prevent overloads, reduce downtime, and improve system reliability.

Internet-Enabled Power Outlet Block
Model No. OUTPOW8-REMOTE . \$287.90



Wireless Access Points

Enterprise solution with consumer grade simplicity
and low total cost of ownership

No separate hardware controller necessary. Manage groups directly or through the cloud.

Outdoor IP67 Wi-Fi Access Point

Features

- Antenna: built-in 2X2:2 @ 2.4 Ghz and 2X2:2 @ 5 Ghz
- Mounting: Pole/wall mounting
- Dimensions: 9.56" x 9.56" x 3.34"

OmniAccess Stellar OAW-AP1251-US is a high performance 802.11ac wave 2 access point used in outdoor settings for enterprise deployments of all sizes. The OmniAccess Stellar OAW-AP1251-US outdoor WiFi access point provides high throughput and seamless user experience. The high performance and rugged unit supports the IP67 standard for harsh outdoor environments, such as exposure to high and low temperatures, persistent moisture and precipitation, and electrical interfaces include industrial strength surge protection. The OAW-AP1251-US supports a maximum concurrent data rate of 1.267 Gb/s 867 Mb/s in 5 GHz and 400 Mb/s in 2.4 GHz, and dual Gigabit Ethernet links, integrated omni-directional antennas, the OAW-AP1251-US is ideal for medium density outdoor environments. This unit can either be locally managed by on-site cluster architecture or by the cloud based Omnivista 2500 controller-less network management system.



Outdoor IP67 Wi-Fi Access Point

Model No. OAW-AP1251-US \$829.00

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<http://www.northamericacable.com/techinfo/techtools/nacewplansitesurvey.pdf>



Single-Mode fiber optic transceiver module for MDF/IDF switch communication. 1310nm, 9/125um, LC Connections.

A. Model No. DT-SFP-GIG-S-DX-LC-A Call for Pricing
Cisco switch protocol

Model No. DT-SFP-GIG-SM-DX-LC Call for Pricing

Multi-Mode fiber optic transceiver module for MDF/IDF switch communication. 62.5/125um, 50/125um, LC Connections.

B. Model No. DT-SFP-GIG-M-DX-LC-A Call for Pricing
Cisco switch protocol

Model No. DT-SFP-GIG-MM-DX-LC Call for Pricing

10 Gigabit Multi-Mode fiber optic transceiver module for MDF/IDF switch communication. 62.5/125um, 50/125um, LC Connections.

C. Model No. DT-SFP10G-SR-C Call for Pricing

NEW



SFP Optical Transceiver Module - 1.25GB

- Supports up to 1.25Gbps bi-directional data links
- Hot-pluggable SFP footprint
- 1310nm Fabry-Perot laser transmitter
- Duplex LC connector
- No Rate Select input required for Fiber Channel tx operation
- Operates over distances of up to 20km on 9/125um SMF (Single-Mode Fiber)

Model No. DT-SFP-SM-DX-LC-M-1.25G Call for Pricing

Discover exceptional product bargains within the
Clearance Section located at the rear of the book

SFP Optical Transceiver Modules

10G Copper RJ45 SFP+ Transceivers

- 10GBASE-T copper SFP+ transceivers (RJ45)
- Supports Cat6a/7 cabling
- Hot-pluggable SFP+ modules
- Versions for broad brand compatibility

Uncoded, 100m

Model No. DT-SFP-RJ45-10G-100M Call for Pricing

Uncoded, 30m

Model No. DT-SFP-RJ45-10G-30M Call for Pricing

Alcatel compatible, 30m

Model No. DT-SFP-RJ45-10G-30M-A Call for Pricing

Cisco compatible, 30m

Model No. DT-SFP-RJ45-10G-30M-C Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.), 30m

Model No. DT-SFP-RJ45-10G-30M-G Call for Pricing

1G Copper RJ45 SFP Transceivers

- 1G copper SFP transceivers (RJ45)
- Supports CAT5e/CAT6/6A cabling
- Hot-pluggable design
- Auto-negotiating 10/100/1000 Mbps

Uncoded, 100m

Model No. DT-SFP-RJ45-1G-100M Call for Pricing

Alcatel compatible, 100m

Model No. DT-SFP-RJ45-1G-100M-A Call for Pricing

Cisco compatible, 100m

Model No. DT-SFP-RJ45-1G-100M-C Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.), 100m

Model No. DT-SFP-RJ45-1G-100M-G Call for Pricing

10G SFP+ Singlemode Transceivers – 10km

- 10G SFP+ optical transceivers
- 1310nm wavelength
- Duplex LC connector
- Up to 10km reach

Cisco compatible

Model No. DT-SFP-SM-DX-LC-10G-1-10KM-C... Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.)

Model No. DT-SFP-SM-DX-LC-10G-1-10KM-G... Call for Pricing

1G SFP Singlemode Transceivers – 10km

- 1G SFP optical modules
- 1310nm wavelength
- Duplex LC connector
- Up to 10km fiber reach

Alcatel compatible

Model No. DT-SFP-SM-DX-LC-1G-1-10KM-A Call for Pricing

Cisco compatible

Model No. DT-SFP-SM-DX-LC-1G-1-10KM-C Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.)

Model No. DT-SFP-SM-DX-LC-1G-1-10KM-G Call for Pricing



10G BiDi SFP+ Singlemode Transceivers – 10km

- 10G BiDi single fiber SFP+ modules
- Simplex LC connector
- Wavelength pairs for bidirectional traffic
- Up to 10km singlemode fiber

Alcatel compatible (TX1270/RX1330)

Model No. DT-SFP-SM-SX-LC-10G-2-10KM-A..... Call for Pricing

Cisco compatible (TX1270/RX1330)

Model No. DT-SFP-SM-SX-LC-10G-2-10KM-C..... Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.)

Model No. DT-SFP-SM-SX-LC-10G-2-10KM-G..... Call for Pricing

Alcatel compatible (TX1330/RX1270)

Model No. DT-SFP-SM-SX-LC-10G-3-10KM-A..... Call for Pricing

Cisco compatible (TX1330/RX1270)

Model No. DT-SFP-SM-SX-LC-10G-3-10KM-C..... Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.)

Model No. DT-SFP-SM-SX-LC-10G-3-10KM-G..... Call for Pricing

1G BiDi SFP Singlemode Transceivers – 10km

- 1G BiDi single fiber SFP+ modules
- Simplex LC connector
- Wavelength pairs for bidirectional traffic
- Up to 10km singlemode fiber

Alcatel compatible (TX1310/RX1550)

Model No. DT-SFP-SM-SX-LC-1G-4-10KM-A Call for Pricing

Cisco compatible (TX1310/RX1550)

Model No. DT-SFP-SM-SX-LC-1G-4-10KM-C..... Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.)

Model No. DT-SFP-SM-SX-LC-1G-4-10KM-G..... Call for Pricing

Alcatel compatible (TX1550/RX1310)

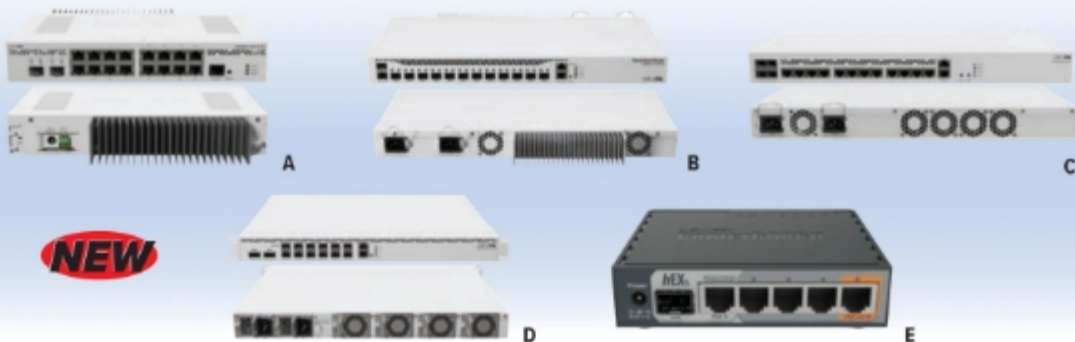
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Cisco compatible (TX1550/RX1310)

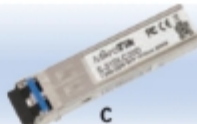
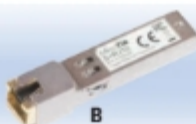
Model No. DT-SFP-SM-SX-LC-1G-5-10KM-C..... Call for Pricing

General brands compatible (Ubiquiti, MikroTik, etc.)

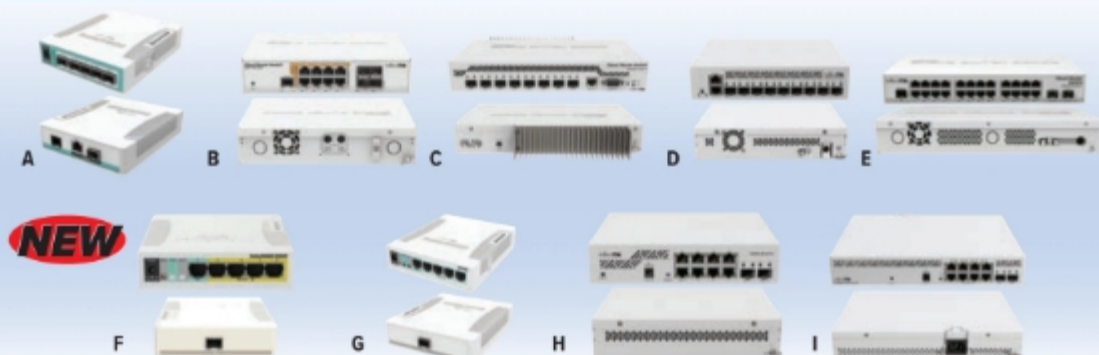
Model No. DT-SFP-SM-SX-LC-1G-5-10KM-G..... Call for Pricing


MikroTik Enterprise & Cloud Core Routers

Model	Description	Ports	Uplink	Switch Capacity / Throughput	Form Factor	Price
A CCR2004-16G-25+PC	Cloud Core Enterprise Router with 16 Gigabit Ethernet and Dual 10G SFP+, RouterOS v7	16x Gigabit Ethernet ports for dense wired networks	2x 10G SFP+ cages (SFP/SFP+ compatible)	64-bit ARM quad-core CPU for high-throughput routing	Desktop	\$465.00
B CCR2004-1G-12S+2XS	Cloud Core Router with 12x SFP+, 2x 25G SFP28, and Gigabit Ethernet	12x 10G SFP+ ports for dense fiber connectivity; 2x 25G SFP28 ports for high-capacity uplinks	12x 10G SFP+ ports for dense fiber connectivity	64-bit ARM quad-core CPU for high-throughput routing	Rackmount	\$595.00
C CCR2116-12G-4S+	High-Performance Enterprise Cloud Core Router with 12x Gigabit Ethernet and 4x 10G SFP+	12x Gigabit Ethernet ports for high-density wired connectivity; 4x 10G SFP+ ports (SFP/SFP+ compatible)	4x 10G SFP+ ports (SFP/SFP+ compatible)	-	Rackmount	\$995.00
D CCR2216-1G-12XS-2XD	Enterprise Cloud Core Router with 12x 25G SFP28 and 2x 100G QSFP28	12x 25G SFP28 ports for high-density fiber aggregation; 2x 100G QSFP28 ports for ultra-high-capacity uplinks	12x 25G SFP28 ports for high-density fiber aggregation	Layer 3 hardware offloading for maximum throughput and efficiency	Rackmount	\$2,795.00
E E60HUGS	hEX S (2025 version) Wired Router with Dual Core CPU	5 x 1G Ethernet ports; USB 3 port for storage & file sharing	2.5G SFP uplink	-	Desktop	\$69.00


MikroTik SFPs (Optics and Interfaces)

Model	Description	Ports	Uplink	Form Factor	Price
A S+85DLC03D	10G SFP+ Multimode Optical Transceiver, 850nm, up to 300 m	Multimode fiber (MMF) support	10 Gbps SFP+ optical transceiver	Desktop	\$59.00
B S+RJ10	Multi-Rate 10G RJ-45 SFP+ Copper Transceiver	Supports 6 Ethernet speeds: 10G / 5G / 2.5G / 1G / 100M / 10M	RJ-45 SFP+ copper transceiver	Desktop	\$65.00
C S-31DLC20D	1.25G Single-Mode SFP Optical Transceiver, 1310nm, Dual LC Connector, up to 20 km, with Digital Diagnostic Monitoring (DDM)	1000BASE-LX, 1G Single-Mode Fiber	1.25 Gbps SFP optical transceiver	Rackmount	\$29.00
D XQ+DA0001	A 40G / 100G Quad Small Form-Factor Pluggable 28 (QSFP28) Copper Direct Attach Cable (DAC), 1 m	CRS354-48G-4S+2Q+RM — 48-port Gigabit switch with 40G uplinks; CRS354-48P-4S+2Q+RM — 48-port PoE switch with 40G uplinks	CRS518-16XS-2XQ-RM — 100G enterprise/data-center switch	Desktop	\$39.00



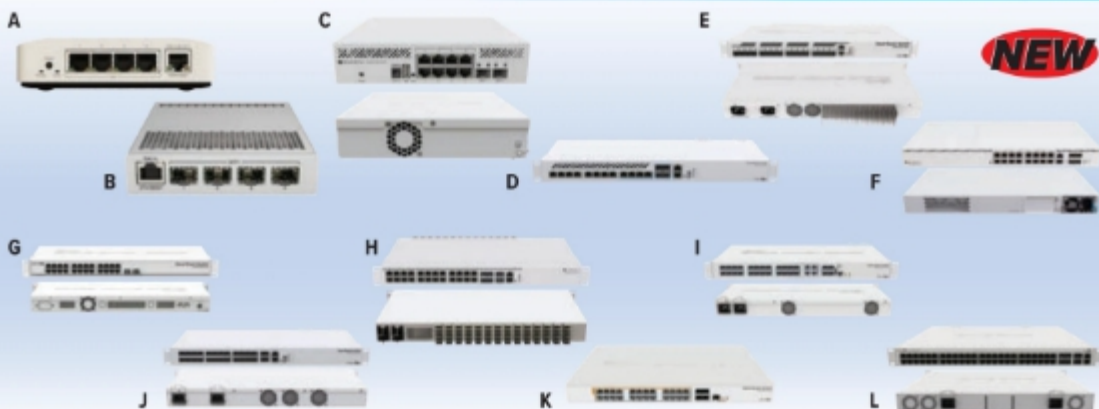
MikroTik Managed Switches - Desktop

	Model	Description	Ports	Uplink	PoE Budget	Form Factor	Price
A	CRS106-1C-SS	Compact Smart Switch with 5x SFP Ports and Combo Ethernet SFP Port	1x combo port (Gigabit Ethernet or SFP); PoE in support for flexible power options	5x SFP cages for fiber connectivity (SFP compatible)	-	Desktop	\$59.00
B	CRS112-8P-4S-IN	8-Port Gigabit PoE Smart Switch with 4x SFP Uplinks	8x Gigabit Ethernet PoE out ports; PoE out support for powering edge devices	4x SFP cages for fiber uplinks (SFP compatible)	-	Desktop	\$209.00
C	CRS309-1G-8S-IN	8-Port 10G Smart Switch with Gigabit Ethernet (Desktop)	8x 10G SFP+ ports for high-speed fiber connectivity; 1x Gigabit Ethernet port for management or uplink	8x 10G SFP+ ports for high-speed fiber connectivity	PoE budget; Used solely to power the switch; no PoE out capability	Desktop	\$269.00
D	CRS330-1G-SS-4S-IN	Compact 10G Fiber Smart Switch with SFP and SFP+ Ports (Desktop)	4x 10G SFP+ ports for high-speed fiber connectivity; 5x SFP ports for 1G fiber links	4x 10G SFP+ ports for high-speed fiber connectivity	PoE budget; Used solely to power the switch; no PoE out capability	Desktop	\$199.00
E	CRS326-24G-2S-IN	24-Port Gigabit Smart Switch with Dual 10G SFP+ Uplinks (Desktop)	24x Gigabit Ethernet ports; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	PoE budget; Used solely to power the switch; no PoE out capability	Desktop	\$199.00
F	CSS106-1G-4P-1S	5-Port Gigabit Smart Switch with 4x PoE Out and SFP Uplink	5x Gigabit Ethernet ports; 4x PoE out ports for powering compatible devices (53 W total PoE output)	1x SFP cage for fiber uplink (SFP compatible)	53W	Desktop	\$55.95
G	CSS106-5G-1S	5-Port Gigabit Smart Switch with SFP Uplink and PoE In	5x Gigabit Ethernet ports for wired devices; PoE in support for flexible powering options	1x SFP cage for fiber uplink (SFP compatible)	-	Desktop	\$39.95
H	CSS610-8G-2S-IN	Eight 1G Ethernet ports and two SFP+ ports for 10G fiber connectivity	8x Gigabit Ethernet ports; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	-	Desktop	\$119.00
I	CSS610-8P-2S-IN	8-Port Gigabit PoE Smart Switch with Dual 10G SFP+ Uplinks	8x Gigabit Ethernet PoE out ports; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	120W	Desktop	\$229.00

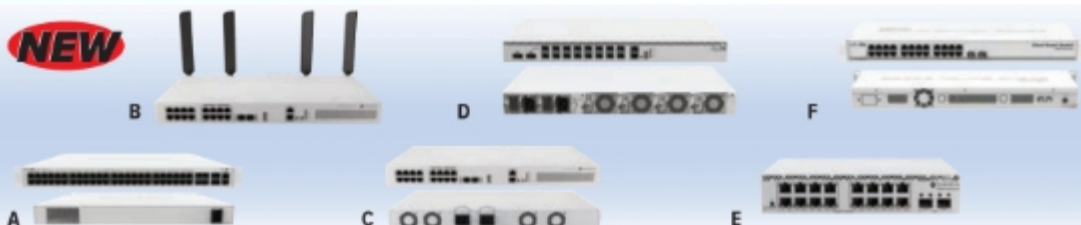


MikroTik Power Supplies

	Model	Description	Form Factor	Price
A	48POW	48V 1.46A (70W) Power Adapter	Outdoor	\$18.00
B	MTP250-53V47-0D	Outdoor 53V 250W AC/DC Power Supply for netPower Devices	Outdoor	\$99.00

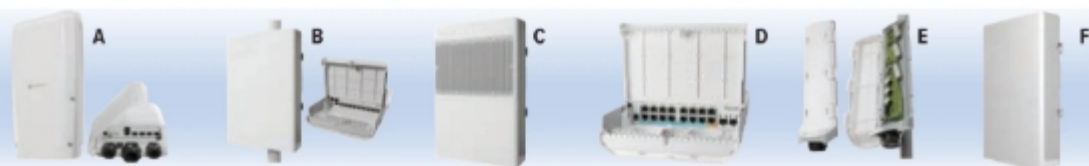

MikroTik Managed Switches - Rackmount

Model	Description	Ports	Uplink	PoE Budget	Form Factor	Price
A CRS304-4XG-IN	Compact 10G Ethernet Smart Switch with 4x 10G Ports (Desktop)	4x 10G Ethernet ports for high-speed copper connectivity; RouterOS v7 with advanced switching and light routing support	4x 10G Ethernet ports for high-speed copper connectivity	-	Rackmount	\$199.00
B CRS305-1G-4S-IN	Five-port desktop switch with one Gigabit Ethernet port and four SFP+ 10Gbps ports	4x 10G SFP+ ports for high-speed fiber connectivity; 1x Gigabit Ethernet port for management or uplink	4x 10G SFP+ ports for high-speed fiber connectivity	-	Rackmount	\$149.00
C CRS310-8G-2S-IN	Multi-Gig Smart Switch with 2.5G Ethernet and Dual 10G SFP+ Uplinks (Desktop)	8x 2.5G Ethernet ports for multi-gig connectivity; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	Used solely to power the switch; no PoE out capability	Rackmount	\$219.00
D CRS312-4C-8XG-RM	Multi-Gigabit Smart Switch with 10G Ethernet and SFP+ Combo Ports (Rackmount)	8x 10G RJ45 Ethernet ports for high-speed copper connectivity; 4x combo ports (10G Ethernet or SFP+) for flexible uplinks	8x 10G RJ45 Ethernet ports for high-speed copper connectivity	-	Rackmount	\$699.00
E CRS317-1G-16S-RM	High-Density 10G Fiber Smart Switch with 16x SFP+ Ports (Rackmount)	1x Gigabit Ethernet port for management or uplink; Dual boot support (RouterOS or SwOS)	16x 10G SFP+ cages for high-density fiber connectivity	-	Rackmount	\$499.00
F CRS320-8P-8B-4S-RM	High-Power PoE++ Smart Switch with Dual 10G SFP+ Uplinks (Rackmount)	8x Gigabit Ethernet PoE++ ports for high-power device connectivity; 8x additional Gigabit Ethernet ports (non-PoE)	4x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$489.00
G CRS326-24G-2S-RM	24-Port Gigabit Smart Switch with Dual 10G SFP+ Uplinks (Rackmount)	24x Gigabit Ethernet ports; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	Used solely to power the switch; no PoE out capability	Rackmount	\$199.00
H CRS326-24S-2Q-RM	High-Density Fiber Smart Switch with 40G QSFP+ Uplinks (Rackmount)	24x 10G SFP+ ports for high-density fiber connectivity; 2x 40G QSFP+ ports for ultra-high-speed uplinks or stacking	24x 10G SFP+ ports for high-density fiber connectivity	-	Rackmount	\$599.00
I CRS326-4C-20G-2Q-RM	High-Density 2.5G Smart Switch with Combo Ports and 40G QSFP+ Uplinks (Rackmount)	20x 2.5G Ethernet ports for high-density multi-gig access; 4x combo ports (Gigabit Ethernet or SFP)	4x combo ports (Gigabit Ethernet or SFP)	-	Rackmount	\$999.00
J CRS328-24P-4S-RM	24-Port Gigabit PoE Smart Switch with Dual 10G SFP+ Uplinks, Rackmount	24x Gigabit Ethernet PoE-out ports; 4x 10G SFP+ ports for high-speed fiber uplinks	4x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$489.00
K CRS328-4C-20S-4S-RM	High-Density Fiber Smart Switch with Combo Ports and 10G SFP+ Uplinks (Rackmount)	4x combo ports (Gigabit Ethernet or SFP); Dual boot support (RouterOS Level 5 or SwOS)	20x SFP cages for fiber connectivity	-	Rackmount	\$449.00
L CRS354-48G-4S-2Q-RM	48-Port Gigabit Smart Switch with 10G SFP+ and 40G QSFP+ Uplinks (Rackmount)	48x Gigabit Ethernet ports for high-density access connectivity; 4x 10G SFP+ ports for high-speed fiber uplinks	4x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$599.00



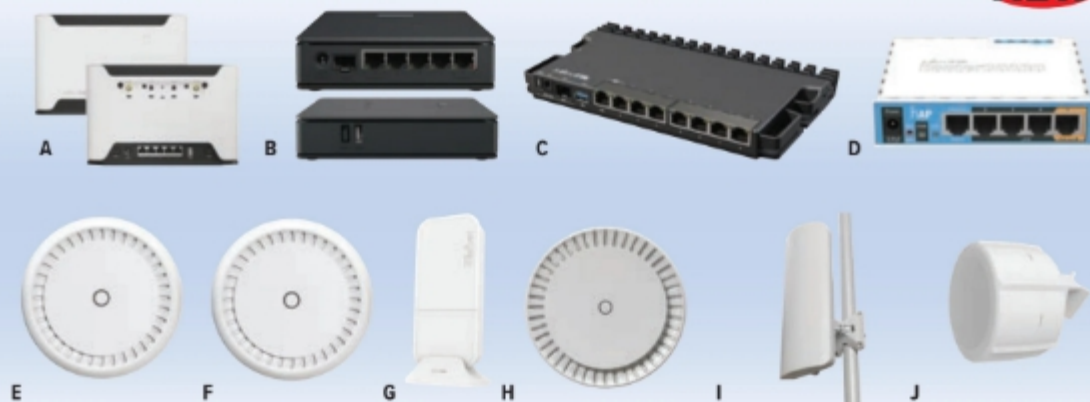
MikroTik Managed Switches - Rackmount

	Model	Description	Ports	Uplink	PoE Budget	Form Factor	Price
M	CRS354-48P-4S+2Q+RM	48-Port Gigabit PoE Smart Switch with 10G SFP+ and 40G QSFP+ Uplinks (Rackmount)	48x Gigabit Ethernet PoE-out ports; 4x 10G SFP+ ports for high-speed fiber uplinks	4x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$999.00
N	CRS418-8P-8G-25+5axQ2axQ-RM	High-Performance PoE Smart Switch with Integrated Wi-Fi 6 and Dual 10G SFP+ Uplinks (Rackmount)	8x Gigabit Ethernet PoE-out ports; 8x additional Gigabit Ethernet ports	2x 10G SFP+ ports for high-speed uplinks	-	Rackmount	\$499.00
O	CRS418-8P-8G-25+RM	High-Performance PoE Smart Switch with Dual 10G SFP+ Uplinks (Rackmount)	8x Gigabit Ethernet PoE-out ports; 8x additional Gigabit Ethernet ports	2x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$449.00
P	CRS518-16XS-2XQ-RM	100G Fiber Smart Switch with Ultra-High Throughput (Rackmount)	16x high-speed fiber ports for dense access connectivity; 2x 100G uplink ports for core or data-center aggregation	2x 100G uplink ports for core or data-center aggregation	-	Rackmount	\$1,595.00
Q	CSS318-16G-25+IN	16-Port Gigabit Smart Switch with Dual 10G SFP+ Uplinks	16x Gigabit Ethernet ports; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$139.00
R	CSS326-24G-25+RM	24-Port Gigabit Smart Switch with Dual 10G SFP+ Uplinks	24x Gigabit Ethernet ports; 2x 10G SFP+ ports for high-speed fiber uplinks	2x 10G SFP+ ports for high-speed fiber uplinks	-	Rackmount	\$159.00



MikroTik Managed Switches - Outdoor

	Model	Description	Ports	Uplink	PoE Budget	Form Factor	Price
A	CRS305-1G-4S+OUT	Outdoor 10G Fiber Smart Switch with 4x SFP+ Ports and Gigabit Ethernet	4x 10G SFP+ ports for high-speed fiber connectivity; 1x Gigabit Ethernet port for management or uplink	4x 10G SFP+ ports for high-speed fiber connectivity	-	Outdoor	\$229.00
B	CRS310-1G-5S-4S+OUT	Outdoor Fiber Smart Switch with 5x SFP, 4x 10G SFP+, and Gigabit Ethernet	5x SFP ports for fiber connectivity; 4x 10G SFP+ ports for high-speed optical links	5x SFP ports for fiber connectivity	-	Outdoor	\$249.00
C	CRS318-16P-25+OUT	Outdoor Gigabit PoE Smart Switch with 16x PoE-Out Ports and Dual SFP Uplinks	16x Gigabit Ethernet PoE-out ports for powering edge devices; 2x SFP ports for fiber uplinks	2x SFP ports for fiber uplinks	-	Outdoor	\$279.00
D	CRS318-1Fi-15Fi-25+OUT	Outdoor Reverse PoE Smart Switch with 15x Gigabit Ports and Dual SFP Uplinks	15x Gigabit Ethernet reverse PoE ports; 2x SFP ports for fiber uplinks	2x SFP ports for fiber uplinks	250W	Outdoor	\$169.00
E	CSS606-1G-2Gi-3S+OUT	Outdoor Hybrid Fiber and PoE Smart Switch with 10G SFP+ and DC Outputs	3x 10G SFP+ ports for high-speed fiber uplinks; 2x Gigabit Ethernet ports with PoE out for powering downstream devices	3x 10G SFP+ ports for high-speed fiber uplinks	-	Outdoor	\$139.00
F	CSS610-1Gi-7R-25+OUT	Outdoor Reverse PoE Smart Switch with 7x Gigabit Ports and Dual 10G SFP+, netPower Lite 7R	7x Gigabit Ethernet reverse PoE ports; Reverse PoE: Allows the switch to be powered via PoE in and distribute power to connected devices, reducing the need for multiple power injectors. PoE budget: Up to 50 W total reverse PoE output, shared across ports.	2x 10G SFP+ ports for high-speed fiber uplinks	50W	Outdoor	\$139.00



MikroTik Wireless Access Points

Model	Description	Ports	Uplink	Form Factor	Price	
A	D53G-5HacD2HnD-TC&EG06-A	Dual-Band Home & Small Office Router with Integrated LTE Cat6 (US-Certified)	5x Gigabit Ethernet ports	-	Desktop	\$189.00
B	E62UGS-2axD5axT	Dual-Band Wi-Fi 6 Access Point with 2.5G SFP and PoE-Out	5x Gigabit Ethernet ports; 1x 2.5G SFP port for high-speed uplinks	1x 2.5G SFP port for high-speed uplinks	Desktop	\$79.00
C	RB5009UG+S+IN	Wired Router with USB 3.0, 1G and 2.5G Ethernet and a 10G SFP+	2.5G Ethernet plus multiple Gigabit Ethernet ports; USB 3.0 port for storage or LTE expansion	10G SFP+ cage (SFP/SFP+ compatible)	Rackmount	\$219.00
D	RB951UI-2nD	Compact 2.4 GHz Wi-Fi Access Point with PoE-Out and USB Support	5x Ethernet ports for wired network connections; Passive PoE-out on port 5 to power downstream devices	-	Rackmount	\$45.00
E	RBCAPGi-5acD2nD	Dual-Band Indoor Ceiling/Wall Wireless Access Point with PoE-Out	2x Gigabit Ethernet ports (1x PoE-out capable); Hardware IPsec encryption support	-	Ceiling	\$85.00
F	RBCAPGi-5acD2nD-XL	High-Gain Dual-Band Ceiling/Wall Wireless Access Point with PoE-Out	2x Gigabit Ethernet ports (one with PoE-out capability)	-	Ceiling	\$99.00
G	RBwAPGR-5HacD2HnD&R11e-LTE6	Outdoor Dual-Band Wireless Access Point with LTE Cat6 (US-Certified)	PoE support for simplified installation	-	Ceiling	\$209.00
H	cAPGi-5HacD2HaxD	Enterprise Dual-Band Wi-Fi 6 Ceiling/Wall Access Point with PoE	2x Gigabit Ethernet ports for flexible network connectivity	-	Ceiling	\$129.00
I	L22UGS-5HaxD2HaxD-155	Outdoor Dual-Band Wi-Fi 6 Sector Access Point with Integrated Antenna	Gigabit Ethernet port and SFP cage for flexible backhaul	Gigabit Ethernet port and SFP cage for flexible backhaul	Outdoor	\$179.00
J	SXTR&EP06-A	Outdoor LTE Cat6 Router with Integrated High-Gain Antenna (US-Certified)	PoE support for simplified installation	-	Outdoor	\$169.00



MikroTik Outdoor Pole Mounts

Model		Description	Ports	Form Factor	Price
A	QM	quickMOUNT™ Wall & Pole Mount Adapter for Point-to-Point and Sector Antennas	Supports mounting two SXT devices simultaneously	Outdoor	\$6.00
B	QMP	quickMOUNT™ Pro Wall & Pole Mount Adapter for Point-to-Point and Sector Antennas	Wall and pole mount support in a single adapter; Supports flexible device positioning and alignment	Outdoor	\$9.50

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Managed Multi-Port Ethernet Switch, For DIRECTV DRE MDF/IDF, Non-PoE Features

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 10, 24, or 48 RJ45 1 Gig user ports

The Alcatel OmniSwitch 6360 stackable Gigabit ethernet LAN switch family is an industry leading, branch, campus workgroup, and enterprise, value access solution. These are simple, flexible, and secure switches ideal for out-of-the-wiring-closet workstation, access-point, IP telephony and critical Internet of Things (IoT) deployment.

10 Port, Managed Multi-Port Ethernet Switch, 10/100/1000 Mbps, For DIRECTV DRE MDF/IDF, Non-PoE

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 8 RJ45 1 Gig user ports
- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

Model No. OS6360-10-US Call for Pricing

24 Port, Managed Multi-Port Ethernet Switch, 10/100/1000 Mbps, For DIRECTV DRE MDF/IDF, Non-PoE

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 24 RJ45 1 Gig user ports
- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

Model No. OS6360-24-US Call for Pricing

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.



- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

48 Port, Managed Multi-Port Ethernet Switch, 10/100/1000 Mbps, For DIRECTV DRE MDF/IDF, Non-PoE

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 48 RJ45 1 Gig user ports
- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

Model No. OS6360-48-US Call for Pricing

Optional Parts/Services

Ethernet Switch Rack Mount Conversion Kit, Supports Alcatel OS6360-* Series LAN Switches:

The OS6360-RM-19-L is a simple L-bracket for mounting a single OS6360-10/-P10 switch in a EIA 19 inch width equipment rack.

Model No. OS6360-RM-19-L \$17.89

Ethernet Switch Wall Mount Conversion Kit, Supports Compatible Alcatel 6360 Series LAN Switches

Wall mounting kit for OS6360 products, contains universal mounting brackets and screws for wall mounting a OS6360 switch.

Model No. OS6360-WALL-MNT \$13.29

SFP Plus 10 Gigabit Direct Attached Uplink / Stacking Copper Cable, 60 cm

The OS6360-CBL-60CM is an SFP Plus uplink / stacking copper cable for compatible Alcatel OS6360 network switch models.

Model No. OS6360-CBL-60CM \$84.59

Sell and distribute internet service using existing coax cable

If you provide TV, video surveillance, or other services, now you can offer internet service using existing coax cabling.

A cable modem termination system (CMTS) makes this possible.



Blonder Tongue CMTS EDGE

Plus save over

40% on this best-in-class CMTS equipment
by bundling internet service from



**NACEConnect
Business Internet**



Do you have customers with coax that want internet access, but do not want to pay for new ethernet wiring?

A CMTS is especially useful for existing buildings that weren't originally wired for twisted pair Ethernet. Many of them already have coax cable because they've had TVs for a while, such as apartments and hotels.

A CMTS allows you to run internet signals through the existing coax system to easily get a wired signal to all the rooms or wireless access points. Using CMTS over the existing coax is a more cost effective solution than it would be to rewire the entire building with twisted pair Ethernet.

Additional feature

NACE will engineer your system and provide a BOM for free. Our legendary 24/7/365 support will assist you with any technical requirements when you're in the field to keep your install smooth, efficient, and effective.



**NACEConnect
Business Internet**



Competitive

You have access to the same pricing that national providers quote directly.



Reliable

Guaranteed performance of the world-class AT&T network backbone



Available

Transport agreements allow you to quote service in most areas independent of individual provider footprints

TO LEARN MORE - naceconnect.com/cmts-bundle

Let's Connect



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Blonder Tongue CMTS EDGE 16

- Field-Upgradeable 16 Down / 4 Up channels
- DOCSIS/EuroDOCSIS 3.1/3.0/2.0 compatible
- Compact 1RU 19" chassis
- Hot swap dual redundant power supplies for reliability
- Intuitive web-based GUI
- Command line interface via serial/SSH/Telnet
- Integrated cable modem load balancing
- Real time CM/CPE statistics
- QoS support
- Multicast IP video in Edge QAM mode
- Internal DHCP/TFTP server »Support for external provisioning DHCP/TFTP
- Dual-stacked IPv4/IPv6 compatibility
- VLAN tagging via option 60 »L2/L3 DHCP relay
- SFP+ 10GbE / Fast-Ethernet / Serial front panel
- Mixed-Mode feature supports simultaneous operation of DOCSIS 3.1 and 3.0 cable modems

The CMTS Edge is a best-in-class CMTS, supporting DOCSIS 3.1, 3.0, and 2.0, using a powerful Marvell Octeon™ network processor with hardware acceleration.

It's built upon a stable and proven Linux operating system to deliver the industry's best performance, scalability, security, and reliability. With a compact 1RU footprint, the CMTS Edge makes mounting simple and takes up minimal space in a data center. The dual redundant power supplies also provide valuable uptime protection.

Multiple CMTS Edge models are available, giving you the flexibility to deploy an economical solution today, with the availability to scale your throughput as your bandwidth demands increase.

Model No. CMTS EDGE 16 Call for Pricing

Lynx Ultra Converter, Ethernet To Coax Balun, Passive Model

The Lynx Ultra distribution system delivers high definition, standard definition, and analog RF video using CAT5E/CAT6 Ethernet data grade cabling for distribution. The L40-0257 is a balun that is used to convert the Ethernet cabling to a coaxial cabling 75 OHM output for connection to a set-top box or a display with a compatible RF tuner. State of the art high frequency baluns are used in the hubs and converters to deliver RF frequencies up to 860 MHz without using any bandwidth on the network.

- Passive converter unit, for active model review item L40-0258
- Impedance: 100/75 OHM
- Frequency range: 5-860 MHz
- Lynx Ultra Hubs also required for initial distribution on Ethernet cabling



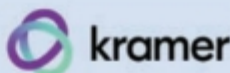
Model No. L40-0257-X..... \$66.00

NACE Technical Support is available 24/7/365

800.688.9282

After Hours Phone Numbers

Nevada Lab After Hours:	484.401.6004
Pennsylvania Lab After Hours:	484.889.8911
D.R.E. After Hours:	702.817.8939
DIRECTV Support After Hours:	484.653.8745



**We offer Kramer Audio Video products.
Contact your sales representative
for a personalized quote.**

NACEConnect

24/7 Guest & Resident Wi-Fi Support

EXCLUSIVELY FOR PROPERTIES USING MIKROTIK NETWORK HARDWARE

Reliable Wi-Fi is essential for guest satisfaction, resident experience, and operational efficiency. NACEConnect provides 24/7 end-user support services exclusively for properties powered by MikroTik networks—so your users stay connected and your staff stays focused on what matters most.



THIS SERVICE IS AVAILABLE EXCLUSIVELY TO PROPERTIES USING MIKROTIK NETWORK INFRASTRUCTURE.

BENEFITS FOR YOUR PROPERTY

- ✓ Improve guest and resident satisfaction
- ✓ Provide a dedicated Wi-Fi support resource for end users
- ✓ Reduce technology-related interruptions to staff
- ✓ Increase confidence in network reliability
- ✓ Gain access to experienced Wi-Fi support professionals
- ✓ Maximize the value of your MikroTik network investment
- ✓ Support available 24 hours a day, 365 days a year



FLEXIBLE PRICING BY PROPERTY SIZE

UP TO 75
ROOMS/UNITS

76 – 100
ROOMS/UNITS

101 – 125
ROOMS/UNITS

126 – 150
ROOMS/UNITS



CALL FOR PRICING

Custom pricing available for larger properties and multi-site deployments.



MikroTik delivers enterprise-grade performance, scalability, and reliability. NACEConnect adds the expert support and monitoring to keep your users connected—24/7.



WHAT'S INCLUDED



24/7 TECHNICAL SUPPORT

Residents, guests, and visitors can get help anytime—day or night—from our U.S.-based support team.



TROUBLE TICKET MANAGEMENT

Every issue is logged, tracked, and managed through a professional ticketing system to ensure timely resolution.



REMOTE TROUBLESHOOTING

Our technicians can diagnose and resolve many connectivity issues remotely—reducing disruptions for your users.



PROACTIVE NETWORK MONITORING

We continuously monitor your network to identify and address potential issues before they impact your users.



ROUTINE NETWORK HEALTH CHECKS

Regular health checks help maintain peak performance, reliability, and stability across your network.



REDUCED STAFF WORKLOAD

Minimize Wi-Fi related complaints to your staff and let our experts handle the technical support.

IDEAL FOR



Hotels & Hospitality



Student Housing



Senior Living Communities



RV Parks & Campgrounds



Assisted Living Facilities



Mixed-Use Communities



Multifamily Housing



Long-Term Care Facilities



Indoor 802.11ac 2x2:2 Wi-Fi Access Point

- Wi-Fi Standards • IEEE 802.11a/b/g/n/ac
- Supported Channels
- 2.4GHz: 1-13
- 5GHz: 36-64, 100-144, 149-165
- Concurrent dual band 802.11ac AP, no power adapter



The Ruckus R500 802.11ac indoor access point delivers the ideal combination of capacity, reliability, and affordability for medium-density locations. It's the only 802.11ac AP in its class that includes patented Ruckus antenna optimizations and interference mitigation technologies—the same ones used in our premier high density APs—in a low-profile form factor, at a competitive price.

Model No. R500 Call for Pricing

Need help designing your wireless distribution system?

Send us a completed site survey and our engineers will provide a complete list of required parts.

Scan the QR code or download the survey from the link below.

<http://www.northamericancable.com/techinfo/techtools/nacewlanitesurvey.pdf>



Is your customer's entire business depending on a single connection?



Reliable Internet connectivity has become the lifeblood of almost every business. With more mission critical applications than ever moving to the cloud, an internet outage can severely hamper or even literally shut down your business.

You might have good internet service, but it's not perfect. What if you couldn't process credit card charges for even just a few hours a month? How do you protect your business and eliminate the risk of lost revenue?



NACEConnect Cellular Uptime

- Seamless failover to the cellular data network in the event of an internet outage
- No intervention required from you or your staff
- Compatible with any internet service provider and available nationwide
- Low monthly flat rate with no data overage charges
- Quick and easy installation of a small hardware device
- Optional data plans for use as primary connection where traditional ISP service is unavailable



Unlimited Failover Data

Unlimited business essential data during a failover event



Cost Management

End bill shock and down time with guaranteed, affordable protection



Security

Secure all data traffic by operating over a private mobile network



Alerting

Automated alerting and failover protection ensures you are ahead of any network disturbances



24/7 Support

24 hour support teams actively monitor services to make sure your business is always connected

Protect your customer's business while you make monthly recurring revenue.

Let's Connect



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Easily Beam LAN Signal Between Structures Across Your Sites



5 GHz High-Capacity Wireless Device

- 500+ Mbps capacity
- High power (30 dBm) radio
- Proprietary protocol (iPoll)
- Zero loss design
- Integrated surge protection
- Lightweight design User-friendly interface

DLB 5-15AC

- High-capacity 5 GHz wireless device with 256 QAM for extended range and performance
- 24V Gigabit Ethernet port (passive PoE) for full network capacity in PTP/PTMP setups
- Backwards compatible with LigoDLB devices using iPoll mode for seamless network expansion
- Distance recommendations (max):
 - PTP mode: 7 km (4.35 mi)
 - PTMP mode: 5 km (3.11 mi)
- Interfaces:
 - 1 x 1000 Base-T (passive PoE 24V)

A. Model No. DLB-5-15AC\$179.00

DLB 5-20AC

- 5 GHz outdoor long-range PTMP wireless bridge with 500+ Mbps throughput
- Integrated 20 dBi antenna, Gigabit Ethernet interface, and IP65-rated enclosure
- Includes 24V PoE injector for reliable performance in harsh environments
- Distance recommendations (max):
 - PTP mode: 15 km (9.32 mi)
 - PTMP mode: 10 km (6.21 mi)
- Interfaces:
 - 1 x 1000 Base-T (passive PoE 24V)

B. Model No. DLB-5-20AC.....\$147.69

LV-5-15AC

- 500 Mbps PTP/PTMP 5 GHz device with dual Gigabit Ethernet ports (1 PoE OUT)
- 30+ dBm power, 802.11a/n/ac, iPoll3, and IP66-rated for extreme conditions (-40°F to 149°F)
- Compact design (5.9" x 4.5" x 2.1"), 35° conical beam, and pole mount included
- Distance recommendations (max):
 - PTP mode: 3 km (9.32 mi)
 - PTMP mode: 5 km (6.21 mi)
- Interfaces:
 - 1 x 1000 Base-T (802.3at/passive PoE In, 48VDC)
 - 1 x 1000 Base-T (802.3af/passive PoE Out, 48VDC)

C. Model No. LV-5-15AC\$220.00

Wall Mount for DLB-5-15AC

The DLB Wall Mount is a mounting kit for the LigoDLB Series, which allows users to install DLB wireless devices onto walls. The wall mount is designed for quick and effortless installation of DLB 5-20ac, 5-20n, 5-15ac, 5-15n, 5-90n, and 5-90ac devices.

Model No. MB-DLB-WALLMOUNT.....\$18.00



Universal Wall Mount Kit, Compatible with Small Point To Point and Sector Antennas

The MT-QM quick mount is a basic wall mount adapter for small point to point and sector antennas. 35 mm tube diameter, Max. wt: 1.5 kgs.

Model No. MT-QM\$6.00



NACEConnect

The Easy and Profitable Way to Connect Your Customers

Earn commissions selling internet and other communication services

If you want to maximize the value of your products, whether surveillance, video, digital signage, or data networks, you must make them **Connect**.

Now you can provide a total solution—from camera, screen, and keyboard, all the way to the cloud—with **NACEConnect**.



NACEConnect Business Internet & Voice

Nearly everything you sell and install connects to the internet, so why not sell the internet connection?

- Enterprise-grade dedicated internet
- Affordable business broadband
- Voice over IP with full-featured flexible calling plans
- Nationwide footprint with reliable fiber backbone in most areas



NACEConnect Business TV

- Provide satellite TV for your commercial customers
- The most popular channels in customizable packages
- Solutions for bars, restaurants, hotels, offices and more
- No minimum activation requirements
- Training, support and system design assistance



NACEConnect Cellular Uptime

- Seamless failover to the cellular data network in the event of an internet outage
- Low monthly flat rate with no data overage charges
- No intervention required from you or your staff.
- Quick and easy installation of a small hardware device
- Optional data plans for use as primary connection where traditional ISP service is unavailable



NACEConnect CloudView

- Cloud-based storage and viewing of surveillance video
- Advanced motion detection triggering and alerts
- Real-time offsite backup
- Works with all SecurityTronix cameras and DVRs and many others



NACEConnect SignEase

- Digital signage for any screen with HDMI input
- Tiny hardware, Wi-Fi connected, simple installation
- Cloud-based content management from any web browser
- Vast template library for easy creation of rich graphical and video content

NACEConnect services include:

- Lucrative recurring revenue streams for you
- Easy onboarding
- Full training, support and system consulting from NACE-trained professionals
- All end-user provisioning and monthly billing handled by NACE

If you're interested in building recurring revenue streams and becoming an essential end-to-end solution provider to your customers...

Let's Connect

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naceconnect@nace.tv

naceconnect.com



NACEConnect

Distributed By



Digital / Analog RF Signal Level Meter

- Direct frequency input (54–870 MHz) or by channel number
- Measures analog, 8VSB, QAM 64/256, DVB-C, BER, MER, and DVB average power
- Simultaneous video/audio carrier level and V/A measurement
- Carrier-to-noise ratio and trunk voltage measurement
- Tilt measurement for three user-defined channels
- Switchable units (dBmV / dBμV)
- Large backlit dot-matrix LCD (2 5/8" x 1 3/4")
- Handheld, battery-powered with internal NiMH battery and charger
- Up to 5 hours of battery life

The CT-DLM870D is a cost-effective handheld signal level meter designed for fast, efficient carrier amplitude and DVB power measurements. It simultaneously displays video and audio carrier levels, V/A, tilt, carrier-to-noise, and trunk voltage measurements. Ideal for balancing digital QAM and analog headend systems, off-air digital signal readings, RF troubleshooting, and drop-level measurements, it's well suited for installers and technicians at all experience levels.

Digital / Analog signal level meter

Model No. CT-DLM870D \$850.08

Replacement power supply

Model No. CT-DLM870D-PS \$22.38

Replacement battery

Model No. CT-DLM870D-BATT \$48.14



QAM/8VSB/Analog TV Analyzer

Features

- Barscan display with pass/fail quality indicators
- Power range: -50 to 40 dBmV
- Measures up to 140 channels in blocks
- 75-ohm interchangeable F-connector
- Data logging and custom memory plans
- Leakage/ingress measurement capable (antenna sold separately)
- USB Micro for charging, software updates, and memory management
- Rechargeable Li-Pro battery (approx. 3-hour runtime)
- Size: 6.3" x 3.8" x 1.4" | Weight: 1.1 lbs



QAM/8VSB/Analog TV Analyzer

Model No. BT-QAM-PRO \$914.00

The BT-QAM-PRO is a cost-effective, feature-rich test instrument for analyzing CATV QAM, 8VSB digital broadcast, and NTSC analog channels. It operates from 5–1,000 MHz (CATV channels T7–158) and measures MER, aBER, bBER, noise margin, and signal levels. The unit includes a water-resistant soft case and a micro USB charging/PC cable.

Professional Sat., TV, CATV & Optical Analyzer

The BTPRO-8000S is a professional HD tablet touch analyzer covering 4–2610 MHz, featuring a compact, lightweight design and a 7-inch 16:9 color touchscreen. It is ideal for lab and field analysis and logging of HD/SD satellite (QPSK/8PSK), COFDM, QAM, NTSC, DVB-S/S2 broadcast, as well as fiber optic and Wi-Fi signals.

Features

- Auto-detects analog and digital COFDM/QAM TV signals
- Identifies SAT, TV, and CATV digital modulation
- Digital measurements: power, MER, BER, noise margin, and related metrics
- Signal quality analysis with channel scan memory
- Barscan display of 10–100 TV/CATV channels
- Real-time noise margin graph and buzzer alerts
- USB OTG for logging and storage
- Remote monitoring and multiple memory modes



HD Tablet / Touch Signal Analyzer

Model No. BTPRO-8000S \$4,111.00

1 GHz Multi-Media Drop Amplifiers



A



B



C



Features

- For use in CATV systems that require two way multi-media networking
- Low noise
- High isolation between ports
- ESD Protection and zinc die cast housing prevent RFI
- 6KV Surge protection on all ports
- Perfect for digital cable applications
- Remotely powered over coax
- Line powered through RF port or externally powered through power in port
- CT-BDA24 Model has an adjustable gain control & a switchable FM trap

Single input, single output, 15 dB forward gain, passive return

Single input, single output, 15 dB forward gain, 10 dB reverse gain

Single input, single output, 24 dB forward gain, 12 dB reverse gain with adjustable gain control & switchable FM trap

A. Model No. CTHDA-1P

Quantity	1-9	10+
Price	\$39.18/each	\$34.18/each

B. Model No. CTHDA-1A

Quantity	1-9	10+
Price	\$43.66/each	\$39.66/each

C. Model No. CT-BDA24

Quantity	1-2	3+
Price	\$64.00/each	\$61.00/each

Channel Master VHF/UHF Off-Air Antenna Preamplifier



Low-noise preamplifier designed to improve weak over-the-air TV signals from outdoor antennas. Features adjustable gain, advanced LTE filtering, and support for ATSC 3.0 (NextGen TV).

- Compatible with VHF/UHF antennas
- Selectable 17 dB or 30 dB gain
- Advanced LTE filtering
- Supports ATSC 1.0, ATSC 3.0 & 4K
- Includes power inserter and mounting hardware

Model No. CM-7779HD\$79.00



Off-air Antenna Pre-amplifier

Boost XT outdoor preamplifier with TwinAmp Technology separately amplifies VHF and UHF signals for maximum performance on any non-amplified outdoor antenna. Signal selectivity is greatly enhanced and noise & interference is reduced to the lowest levels of any product in this category.

Model No. LNA-200\$54.29

1,000 MHz, 30 dB Gain Amplifier with Passive Return

Features

- 30 dB Forward gain
- 54-1,000 MHz Forward bandwidth
- 5-42 MHz Passive return path
- 10 dB Forward gain control range
- Built in FM trap switch

Model No. CTA-30A\$39.99



Discover exceptional product bargains within the Clearance Section located at the rear of the book

870 MHz, 30 dB Gain Amplifier With Active Return

Features

- 30 dB Forward gain
- 54-870 MHz Forward bandwidth
- 20 dB Reverse gain
- 5-42 MHz Reverse bandwidth
- Forward gain & slope control
- Reverse gain control
- 10 dB Forward gain control range

The CTA-30-870AR is a commercial quality amplifier with 30 dB of forward gain across a bandwidth of 54 - 870 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-30-870AR is easily adjusted using the front panel gain control with 10 dB of gain control range. With separate gain controls for forward and reverse levels, the CTA-30-870AR can easily be adjusted to maximize performance.

Model No. CTA-30-870AR \$209.00



1,000 MHz, 35 dB Gain Amplifier With Passive Return

Features

- 35 dB Forward gain
- 54-1,000 MHz Forward bandwidth
- 5-42 MHz Reverse bandwidth
- Passive return path
- Forward gain & slope control
- 16 dB Forward gain control range

The CTA-35-1000PR is a commercial quality amplifier with 35 dB of forward gain across a bandwidth of 54 - 1,000 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-35-1000PR is easily adjusted using the front panel gain control with 16 dB of gain control range. With input and output test ports, the CTA-35-1000PR can easily be adjusted to maximize performance without disrupting service.

Model No. CTA-35-1000PR \$195.00



Broadband Indoor Distribution Amplifier

The Broadband Indoor Distribution Amplifier is a high-performance, power-doubling CATV amplifier designed for reliable, low-distortion signal distribution.

Features

- Selectable forward gain: +30 dB or +40 dB
- Forward bandwidth options:
 - TV-451280: 54-1,002 MHz with selectable active/passive return (5-42 MHz)
 - TV-451282: 49-1,002 MHz with fixed return (5-36 MHz)
- Switchable return path (TV-451280 only) with +28 dB gain
- Power-doubling technology for high output and minimal distortion
- Optimized power consumption (up to 20% energy savings)
- External -20 dB test ports for easy monitoring

54-1,002 MHz, selectable return path

Model No. TV-451280 \$365.00

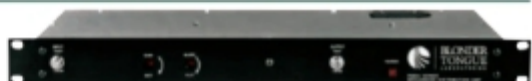
49-1,002 MHz, fixed return path

Model No. TV-451282 \$395.00

Broadband Distribution Amplifier, Indoor, +35 Db Gain, 5-1,000MHz, Wall Mount

- 35dB gain, 5-1,000 MHz
- Gain control range of 20dB forward/reverse paths
- For rack mount equivalent model, review item: RMDA-1000-30, CTA-30RK-1000

Model No. TDA-35-1000 \$219.00



Blonder Tongue RMDA Series Rack Mounted Distribution Amplifiers

42 dB Gain, 1,000 MHz, Push-Pull

Model No. RMDA-1000-42P ... Call for Pricing

Blonder Tongue ACA Series Indoor Wall Mount Distribution Amplifiers



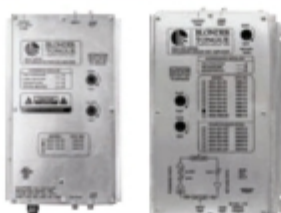
Models	Description	Price
ACA-35-1000	35 dB Gain, 1,000 MHz	Call for Pricing
ACA-30-86R	30 dB Gain, 860 MHz, Passive Return	Call for Pricing

Amplifiers, Splitters & Indoor Taps



8 Year Warranty on all
BIDA® Series

Blonder Tongue BIDA Series Indoor Wall Mount Distribution Amplifiers



550 MHz

Models	Description	Price
BIDA-550-30	30 dB Gain, 550 MHz, Push-Pull	Call for Pricing
BIDA-550-50	50 dB Gain, 550 MHz, Push-Pull	Call for Pricing

750 MHz

BIDA-750-30	30 dB Gain, 750 MHz, Push-Pull	Call for Pricing
BIDA-750-43	43 dB Gain, 750 MHz, Push-Pull, with return path amplifier	Call for Pricing

860 MHz

BIDA-860-43P	43 dB Gain, 860 MHz, Power-Doubling, with return path amplifier, 36/49 split	Call for Pricing
BIDA-860-30	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 42/54 split	Call for Pricing
BIDA-860-30P	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 42/54 split	Call for Pricing
BIDA-860-43	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 42/54 split	Call for Pricing
BIDA-860-43P	43 dB Gain, 860 MHz, Power-Doubling, with return path amplifier, 42/54 split	Call for Pricing

1000 MHz

Models	Description	Price
BIDA-1000-30P	30 dB Gain, 1,000 MHz, Power-Doubling, with return path amplifier, 42/54 split	Call for Pricing
BIDA-1000-43P	43 dB Gain, 1,000 MHz, Power-Doubling, with return path amplifier, 42/54 split	Call for Pricing

Plug-In Equalizer Module, Exclusive To BIDA® Amplifier Use

The BIDA-CE** is a plug-in equalizer module designed for use with Blonder Tongue BIDA® series RF amplifiers. Multiple equalizer values are available—call for details.

Model No. BIDA-CE** Call for Pricing



Plug-In Attenuator Module, Exclusive To BIDA® Amplifier Use

The BIDA-FA* is a plug-in attenuator module for Blonder Tongue BIDA® series distribution amplifiers. It is available in 1 dB increments from 1 dB to 20 dB and supports frequencies up to 1,000 MHz.

Model No. BIDA-FA* Call for Pricing



NEW

CableTronix

Professional Distribution Amplifier Series



550 MHz

Models	Description	Price
CTA-WM-550-30	30 dB Gain, 550 MHz, Push-Pull	Call for Pricing
CTA-WM-550-50	50 dB Gain, 550 MHz, Push-Pull	Call for Pricing

750 MHz

CTA-WM-750-30	30 dB Gain, 750 MHz, Push-Pull	Call for Pricing
CTA-WM-750A-43	43 dB Gain, 750 MHz, Push-Pull, with return path amplifier	Call for Pricing

860 MHz (Power Doubling)

CTA-WM-860A-43P	43 dB Gain, 860 MHz, Power-Doubling, with 5-36 MHz return path	Call for Pricing
CTA-WM-860A-30P	30 dB Gain, 860 MHz, Power-Doubling, with 5-36 MHz return path	Call for Pricing

1000 MHz

Models	Description	Price
CTA-WM-1000A-30	30 dB Gain, 1,000 MHz, 5-36 MHz with return path	Call for Pricing

Plug-In Equalizers

The CableTronix CTA-WM-EQ** Series Equalizers are designed to correct cable tilt and high-frequency roll-off in broadband systems operating up to 550 - 1000 MHz. These modules provide precise slope compensation directly at the amplifier input, helping maintain level consistency and improving overall downstream signal quality. Installation is quick and simple—replace the internal jumper with the appropriate equalizer value.

Model No. CTA-WM-EQ** Call for Pricing



Plug-In Attenuators

The CTA-WM-AT Series Attenuators provide precise input signal attenuation for all CableTronix CTA-WM distribution amplifiers. These modules help manage hot incoming signals, prevent overload conditions, and fine-tune overall system performance. They install easily inside the amplifier by replacing the internal jumper, giving installers fast and efficient control over input levels.

Model No. CTA-WM-AT** Call for Pricing



CTGHS Series 1 GHz Solder Back Splitters

Models	Description	Price (1-9)	Price (10-49)	Price (50+)
CTGHS-2	2 Way Splitter		Call for Pricing/each	
CTGHS-3	3 Way Splitter		Call for Pricing/each	
CTGHS-4	4 Way Splitter		Call for Pricing/each	
CTGHS-6	6 Way Splitter		Call for Pricing/each	
CTGHS-8	8 Way Splitter		Call for Pricing/each	



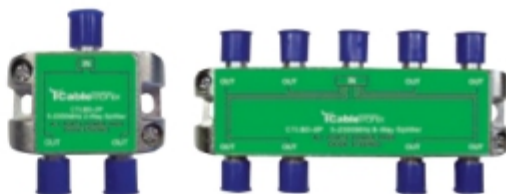
CTVS SB Series 1 GHz Vertical Splitters - Solder Back

Models	Description	Price (1-49)	Price (50+)
CTVS-2SB	2 Way Splitter		Call for Pricing/each
CTVS-3SB	3 Way Splitter		Call for Pricing/each
CTVS-4SB	4 Way Splitter		Call for Pricing/each
CTVS-8SB	8 Way Splitter		Call for Pricing/each
CTVS-12SB	12 Way Splitter		Call for Pricing/each
CTVS-16SB	16 Way Splitter		Call for Pricing/each



CTLBD Series 2.3 GHz Solder Back Splitters, 2A Power Pass

Models	Description	Price (1-99)	Price (100+)
CTLBD-2	2 Way Splitter, 1 Leg Power Pass		Call for Pricing/each
CTLBD-2P	2 Way Splitter, All Legs Power Pass		Call for Pricing/each
CTLBD-3P	3 Way Splitter, All Legs Power Pass		Call for Pricing/each
CTLBD-4P	4 Way Splitter, All Legs Power Pass		Call for Pricing/each
CTLBD-8P	8 Way Splitter, All Legs Power Pass		Call for Pricing/each



1 GHz Splitters

Models	Description	Price
SOS-12	1X 12 Splitter, 1 GHz, Solder Back	Call for Pricing
SOS-16	1X 16 Splitter, 1 GHz, Solder Back	Call for Pricing



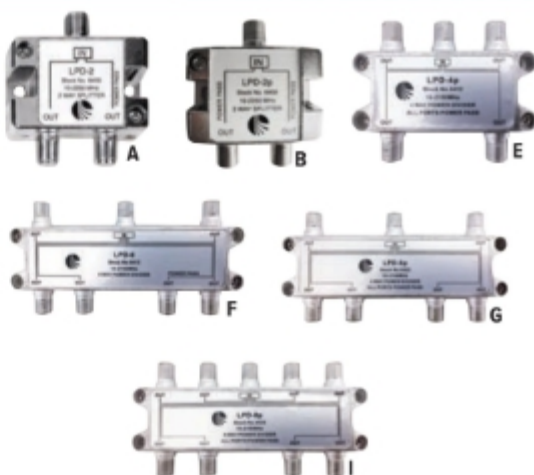
Indoor Splitters, 5-1000 MHz, -120 dB RFI solder back

Models	Description	Price
DGS-2	1X 2 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-3	1X 3 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-3B	1X 3 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-4	1X 4 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-8	1X 8 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing



LPD Series Trunk Grade Wideband Splitters

Models	Description	Price
A LPD-2 (6405)	2 Way Splitter, 10-2150 MHz, 1 Port Power Passive	Call for Pricing
B LPD-2P (6409)	2 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing
E LPD-4P (6412)	4 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing
F LPD-6 (6413)	6 Way Splitter, 10-2150 MHz, 1 Port Power Passive	Call for Pricing
G LPD-6P (6422)	6 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing
I LPD-8P (6435)	8 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing



CATV RF Coax Splitter, Single Input

Models	Description	Price
SCVS-2	1 Input 2 Outputs, 5-1000 MHz, Vertical Port	\$2.64
SCVS-3	1 Input 3 Outputs, 5-1000 MHz, Vertical Port	\$4.08
SCVS-4	1 Input 4 Outputs, 5-1000 MHz, Vertical Port	\$4.96
SCVS-6	1 Input 6 Outputs, 5-1000 MHz, Vertical Port	\$6.96
SCVS-8	1 Input 8 Outputs, 5-1000 MHz, Vertical Port	\$7.40



Models	Description	Price
GHS-2X	1 Input 2 Outputs, 5-1000 MHz, Horizontal Port	\$1.49
GHS-3	1 Input 3 Outputs, 5-1000 MHz, Horizontal Port	\$1.99
GHS-3X	1 Input 3 Outputs, 5-1000 MHz, Horizontal Port	\$1.79
GHS-4	1 Input 4 Outputs, 5-1000 MHz, Horizontal Port	\$2.29
GHS-8	1 Input 8 Outputs, 5-1000 MHz, Horizontal Port	\$6.49



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SRT Series 1 GHz Directional Couplers

A. Single Port Taps, T-Shaped

Models	dB Values	Price
SRT-4	4	\$2.05
SRT-6	6	\$2.05
SRT-9	9	\$2.05
SRT-12	12	\$2.05
SRT-16	16	\$2.05
SRT-24	24	\$2.05
SRT-27	27	\$2.05
SRT-30	30	\$2.05

B. Two Port Taps

Models	dB Values	Price
SRT-2A 4	4	\$3.25
SRT-2A 8	8	\$3.25
SRT-2A 11	11	\$3.25
SRT-2A 14	14	\$3.25
SRT-2A 17	17	\$3.25
SRT-2A 20	20	\$3.25
SRT-2A 26	26	\$3.25
SRT-2A 29	29	\$3.25
SRT-2A 32	32	\$3.25

C. Four Port Taps

Models	dB Values	Price
SRT-4A 8T	8 (automatic termination of through port)	Call for Pricing
SRT-4A 11	11	\$4.35
SRT-4A 14	14	\$4.35
SRT-4A 17	17	\$4.35
SRT-4A 20	20	\$4.35
SRT-4A 23	23	\$4.35
SRT-4A 26	26	\$4.35
SRT-4A 29	29	\$4.35
SRT-4A 32	32	\$4.35
SRT-4A 35	35	\$4.35

D. Eight Port Taps

Models	dB Values	Price
SRT-8A 11T	11 (automatic termination of through port)	Call for Pricing
SRT-8A 14	14	\$11.25
SRT-8A 17	17	\$11.25
SRT-8A 20	20	\$11.25
SRT-8A 23	23	\$11.25
SRT-8A 26	26	\$11.25
SRT-8A 32	32	\$11.25
SRT-8A 35	35	\$11.25



L-Style For Wallplate Feed Through

Models	dB Values	Price
SCW-4	4	\$1.99
SCW-12	12	\$1.99
SCW-20	20	\$1.99
SCW-27	24	\$1.99



CATV Tap / Directional Coupler, T-Style, 5-1,000 MHz, Coaxial Connections

Single Tap Off Valve

Models	dB Values	Price
TSC-9SB	9	\$1.45
TSC-16	16	\$1.39
TSC-20	20	\$1.39
TSC-24	24	\$1.39
TSC-27	27	\$1.39
TSC-30	30	\$1.39



Dual Tap Off Valve

Models	dB Values	Price
TSC2-12	12	\$2.75
TSC2-16SB	16	\$2.75
TSC2-24	24	\$2.75
TSC2-27	27	\$2.75



Quad Tap Off Valve

Models	dB Values	Price
TSC4-12	12	\$4.39
TSC4-16	16	\$4.39
TSC4-24	24	\$4.39
TSC4-30	30	\$4.39



Eight Port Tap Off Valve

Models	dB Values	Price
TGT8-11	9	\$11.25
TGT8-14	16	\$11.25
TGT8-17	16	\$11.25
TGT8-20	20	\$11.25
TGT8-23	27	\$11.25
TGT8-26	30	\$11.25
TGT8-29	30	\$11.25
TGT8-32	32	\$11.25



L-Style For Wallplate Feed Through

Models	dB Values	Price
TSCW-9SB	9	\$1.99
TSCW-16SB	16	\$1.99
TSCW-27	27	\$1.59
TSCW-30	30	\$1.59



L-Style For Wallplate Feed Through

Models	dB Values	Price
DCWG-6SB	6	\$1.59
DCWG-9SB	9	\$1.59



1 GHz Coaxial Cable Taps

CTGT & CTGTW Series Taps

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- Wall mounting screws included (CTGT only)
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 6, 9, 12, 16, 20, 24, 27 & 30 dB Values available



A. T-Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGT-6	6	\$1.89/each	\$1.59/each
CTGT-9	9	\$1.89/each	\$1.59/each
CTGT-12	12	\$1.89/each	\$1.59/each
CTGT-16	16	\$1.89/each	\$1.59/each

A. T-Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGT-20	20	\$1.89/each	\$1.59/each
CTGT-24	24	\$1.89/each	\$1.59/each
CTGT-27	27	\$1.89/each	\$1.59/each
CTGT-30	30	\$1.89/each	\$1.59/each

B. 90 Degree Wall Plate Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGTW-6	6	\$1.89/each	\$1.59/each
CTGTW-9	9	\$1.89/each	\$1.59/each
CTGTW-12	12	\$1.89/each	\$1.59/each
CTGTW-16	16	\$1.89/each	\$1.59/each

B. 90 Degree Wall Plate Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGTW-20	20	\$1.89/each	\$1.59/each
CTGTW-24	24	\$1.89/each	\$1.59/each
CTGTW-27	27	\$1.89/each	\$1.59/each
CTGTW-30	30	\$1.89/each	\$1.59/each

CTGT4 Series 4 Port Taps

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- Wall mounting screws included
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 8, 12, 16, 20, 24 & 30 dB Values available



CTGT4 Series 4 Port Taps			
Models	dB Values	Price (1-49)	Price (50+)
CTGT4-8	8 (Terminating)	\$5.69/each	\$5.29/each
CTGT4-12	12	\$5.69/each	\$5.29/each
CTGT4-16	16	\$5.69/each	\$5.29/each
CTGT4-20	20	\$5.69/each	\$5.29/each
CTGT4-24	24	\$5.69/each	\$5.29/each
CTGT4-30	30	\$5.69/each	\$5.29/each

CTGT2 Series 2 Port Taps

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 6, 9, 12, 16, 20, 24, 27 & 30 dB Values available



CTGT2 Series 2 Port Taps			
Models	dB Values	Price (1-49)	Price (50+)
CTGT2-6	6	\$3.39/each	\$2.99/each
CTGT2-9	9	\$3.39/each	\$2.99/each
CTGT2-12	12	\$3.39/each	\$2.99/each
CTGT2-16	16	\$3.39/each	\$2.99/each
CTGT2-20	20	\$3.39/each	\$2.99/each
CTGT2-24	24	\$3.39/each	\$2.99/each
CTGT2-27	27	\$3.39/each	\$2.99/each
CTGT2-30	30	\$3.39/each	\$2.99/each

CTGT8 Series 8 Port Taps

- Solder back for excellent shielding
- 5-1,000 MHz Frequency range
- Integrated grounding screw
- Wall mounting screws included
- High Isolation
- 11, 14, 17, 20, 23, 26, 29, 32 & 35 dB Values available
- 11 dB Model is terminated (no through port)



CTGT8 Series 8 Port Taps			
Models	dB Values	Price (1-49)	Price (50+)
CTGT8-11	11 (Terminating)	\$11.99/each	\$10.49/each
CTGT8-14	14	\$11.99/each	\$10.49/each
CTGT8-17	17	\$11.99/each	\$10.49/each
CTGT8-20	20	\$11.99/each	\$10.49/each
CTGT8-23	23	\$11.99/each	\$10.49/each
CTGT8-26	26	\$11.99/each	\$10.49/each
CTGT8-29	29	\$11.99/each	\$10.49/each
CTGT8-32	32	\$11.99/each	\$10.49/each
CTGT8-35	35	\$11.99/each	\$10.49/each

1 GHz Coaxial Cable Tap Loss Figures

CTGT-* Series Single Port Coaxial Tap, T-Shape, 1 GHz

	MHz	6 dB Type	9 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	27 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	6.5	8.9	12.0	16.0	20.0	24.0	27.0	30.0
	50-750 MHz	6.7	9.3	13.0	17.0	21.0	24.0	27.0	31.0
	750-1000 MHz	7.4	9.9	13.0	17.0	21.0	25.0	28.0	31.0
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	2.0	1.0	0.7	0.5	0.4	0.3	0.3	0.3
	10-50 MHz	2.1	0.9	0.7	1.4	0.4	0.3	0.4	0.4
	50-450 MHz	2.2	1.2	0.7	0.6	0.5	0.5	0.5	0.5
	450-750 MHz	2.3	1.3	0.9	0.8	0.7	0.7	0.7	0.7
	750-1000 MHz	2.8	1.9	1.2	1.1	1.1	1.1	1.2	1.2

CTGTW -* Series Single Port Coaxial Tap, 90 Degree, 1 GHz

	MHz	6 dB Type	9 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	27 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	6.5	8.9	12.0	16.0	20.0	24.0	27.0	30.0
	50-750 MHz	6.7	9.3	13.0	17.0	21.0	24.0	27.0	31.0
	750-1000 MHz	7.4	9.9	13.0	17.0	21.0	25.0	28.0	31.0
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	2.0	1.0	0.7	0.5	0.4	0.3	0.3	0.3
	10-50 MHz	2.1	0.9	0.7	1.4	0.4	0.3	0.4	0.4
	50-450 MHz	2.2	1.2	0.7	0.6	0.5	0.5	0.5	0.5
	450-750 MHz	2.3	1.3	0.9	0.8	0.7	0.7	0.7	0.7
	750-1000 MHz	2.8	1.9	1.2	1.1	1.1	1.1	1.2	1.2

CTGT2-* Series Two Port Coaxial Tap, 1 GHz

	MHz	6 dB Type	9 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	27 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	6.0	8.0	12.0	16.0	20.0	24.0	27.0	30.0
	50-750 MHz	6.1	8.1	12.1	16.1	20.1	24.1	27.1	30.1
	750-1000 MHz	6.3	8.3	12.3	16.3	20.3	24.3	27.3	30.3
Insertion Loss (In / Out) (dB Max.)	5-50 MHz	3.3	3.3	1.2	0.8	0.5	0.5	0.5	0.5
	50-450 MHz	3.6	3.6	1.5	0.9	0.8	0.8	0.8	0.8
	450-750 MHz	3.7	3.7	1.8	1.1	0.9	0.9	0.9	0.9
	750-1000 MHz	4.1	4.1	2.0	1.2	1.0	1.0	1.0	1.0

CTGT4-* Series Four Port Coaxial Tap, 1 GHz

	MHz	8 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	8.0	12.0	16.0	20.0	24.0	30.0
	50-750 MHz	8.1	12.1	16.1	20.1	24.1	30.1
	750-1000 MHz	8.3	12.3	16.3	20.3	24.3	30.3
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	NA	3.5	1.2	0.8	0.6	0.6
	10-50 MHz	NA	3.4	1.0	0.8	0.5	0.5
	50-450 MHz	NA	3.5	1.1	0.8	0.6	0.6
	450-750 MHz	NA	3.8	1.6	0.9	0.8	0.8
	750-1000 MHz	NA	4.0	2.2	1.0	1.0	1.0

CTGT8-* Series Eight Port Coaxial Tap, 1 GHz

	MHz	11 dB Type	14 dB Type	17 dB Type	20 dB Type	23 dB Type	26 dB Type	29 dB Type	32 dB Type	35 dB Type
Tap Loss (dB)	5-50 MHz	11.0	8.0	12.0	16.0	20.0	24.0	27.0	30.0	30.0
	50-750 MHz	11.1	8.1	12.1	16.1	20.1	24.1	27.1	30.1	30.1
	750-1000 MHz	11.3	8.3	12.3	16.3	20.3	24.3	27.3	30.3	30.3
Insertion Loss (In / Out) (dB Max.)	5-50 MHz	NA	3.5	1.9	1.2	0.8	0.8	0.7	0.7	0.7
	50-450 MHz	NA	4.0	2.3	1.5	1.0	0.9	0.8	0.8	0.8
	450-750 MHz	NA	4.2	2.4	1.8	1.2	1.0	1.0	1.0	1.0
	750-1000 MHz	NA	4.5	2.5	2.0	1.4	1.2	1.0	1.0	1.0

Commercial Hardline Taps & Splitters



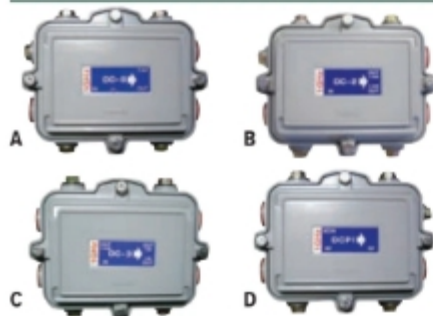
8 Port 1 GHz Hardline Tap		
Models	dB Values	Price
CT-T8G-11	11 (Through Port Terminated)	\$34.72
CT-T8G-14	14	\$34.72
CT-T8G-17	17	\$34.72
CT-T8G-20	20	\$34.72
CT-T8G-23	23	\$34.72
CT-T8G-26	26	\$34.72



4 Port 1 GHz Hardline Tap		
Models	dB Values	Price
CT-T4G-08	8 (Through Port Terminated)	\$24.64
CT-T4G-11	11	\$24.64
CT-T4G-14	14	\$24.64
CT-T4G-17	17	\$24.64
CT-T4G-20	20	\$24.64
CT-T4G-23	23	\$24.64
CT-T4G-26	26	\$24.64
CT-T4G-29	29	\$24.64



2 Port 1 GHz Hardline Tap		
Models	dB Values	Price
CTT2G-04	8 (Through Port Terminated)	\$18.00
CTT2G-08	11	\$18.00
CTT2G-11	11	\$18.00
CTT2G-14	14	\$18.00
CTT2G-17	17	\$18.00
CTT2G-20	20	\$18.00
CTT2G-23	23	\$18.00
CTT2G-26	26	\$18.00
CTT2G-29	29	\$18.00
CTT2G-32	32	\$18.00



Hardline Directional Coupler			
	Models	dB Values	Price
A	CT-DC-08	8	\$33.58
	CT-DC-12	12	\$33.58
	CT-DC-16	16	\$33.58

1 GHz Hardline Splitter			
	Models	Description	Price
B	CT-SPG-2	2 Way Splitter	\$33.58
C	CT-SPG-3	3 Way Splitter	\$33.58

Hardline Power Inserter for use with Hardline Power Supplies

D. Model No. CT-PI.....\$33.58

CATV Power Supply 60/90VAC, 15A

- Constant voltage ferroresonant transformer
- Fully regulated, clean and reliable AC power output
- Input and output surge protection
- Current limited output and short-circuit protection
- Automatic restart upon removal of short
- Field selectable output voltages
- Powder coated enclosure for outdoor applications
- Pole & wall mount installations
- 5/8" Female output connection
- Durable LED indicator
- Power inserter sold separately



The CableTronix CT-CATVPS60-90 is a CATV power supply designed to provide conditioned power to remote active devices over a hardline CATV cable distribution plant. This unit is designed to work with either 120VAC or 220VAC input voltages with a 60VAC or 90VAC selectable output. The enclosure is built of durable, weather-resistant, powder coated aluminum for outdoor applications. It is able to withstand the harshest environments. The included installation bracket allows the unit to be easily mounted on a flat vertical surface or on a wooden/ concrete pole. The hardline power inserter is not included and is sold separately.

Model No. CT-CATVPS60-90\$571.18

1 GHz Hardline Tap Loss Figures

2 Port Taps Maximum Insertion Loss

Frequency	4 dB	8 dB	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	32 dB	35 dB
5 MHz	NA	3.5	2.0	1.4	1.4	1.0	0.7	0.7	0.7	0.7	0.7
300 MHz	NA	3.8	2.0	1.5	1.0	0.9	0.8	0.7	0.7	0.7	0.7
400 MHz	NA	3.9	2.2	1.5	1.1	1.0	0.9	0.8	0.8	0.8	0.8
500 MHz	NA	4.1	2.4	1.8	1.5	1.2	1.1	1.1	1.1	1.1	1.1
600 MHz	NA	4.3	2.5	1.9	1.7	1.4	1.3	1.3	1.3	1.3	1.3
900 MHz	NA	5.1	3.2	2.5	1.8	1.6	1.6	1.6	1.6	1.6	1.6
1000 MHz	NA	5.5	3.6	3.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4

4 Port Taps Maximum Insertion Loss

Frequency	8 dB	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	32 dB	35 dB
5 MHz	NA	3.5	2.0	1.4	1.4	1.0	0.7	0.7	0.7	0.7
300 MHz	NA	3.8	2.0	1.5	1.0	0.9	0.8	0.8	0.8	0.8
400 MHz	NA	3.9	2.2	1.5	1.1	1.0	0.9	0.9	0.9	0.9
500 MHz	NA	4.1	2.4	1.8	1.5	1.2	1.1	1.1	1.1	1.1
600 MHz	NA	4.3	2.5	1.9	1.7	1.4	1.3	1.3	1.3	1.3
900 MHz	NA	5.1	3.2	3.0	1.8	1.6	1.6	1.6	1.6	1.6
1000 MHz	NA	5.5	3.6	3.5	2.4	2.4	2.4	2.4	2.4	2.4

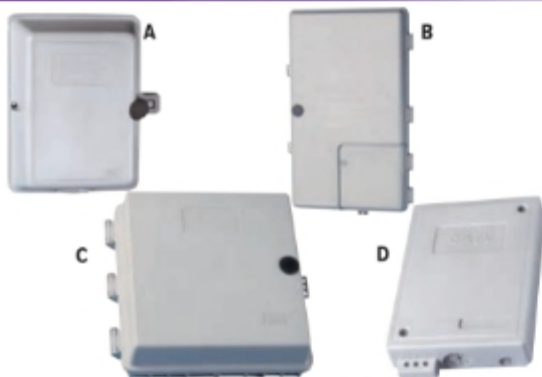
8 Port Taps Maximum Insertion Loss

Frequency	12 dB	15 dB	18 dB	21 dB	24 dB	27 dB	30 dB	33 dB	36 dB
5 MHz	NA	3.5	2.0	1.4	1.4	1.0	0.8	0.8	0.8
300 MHz	NA	3.8	2.0	1.2	1.0	0.9	0.9	0.9	0.9
400 MHz	NA	3.9	2.1	1.5	1.1	1.0	0.9	0.9	0.9
500 MHz	NA	4.1	2.4	1.8	1.5	1.2	1.1	1.1	1.1
600 MHz	NA	4.3	2.5	1.9	1.7	1.4	1.3	1.3	1.3
900 MHz	NA	5.1	3.2	3.0	1.8	1.6	1.6	1.6	1.6
1000 MHz	NA	5.5	3.6	3.5	2.9	2.6	2.5	2.5	2.5

Hardline Directional Couplers / 2 & 3 Way Splitters / Power Inserter Maximum Insertion Loss

Frequency	CTDC-8	CTDC-12	CTDC-16	2 Way Splitter	3 Way Splitter	CTPI
5-10 MHz	2.2	1.5	2.0	4.1	4.2/7.8	0.9
10-50 MHz	2.2	1.4	1.4	4.0	4.1/7.8	0.7
50-300 MHz	2.5	1.8	1.8	4.4	4.6/8.0	0.9
300-400 MHz	2.6	1.9	1.9	4.4	4.6/8.2	1.0
400-500 MHz	2.9	2.2	2.0	4.8	5.0/8.3	1.1
500-600 MHz	3.2	2.3	2.1	5.0	5.2/8.5	1.2
600-900 MHz	3.5	2.7	2.4	5.2	5.5/8.8	1.3
900-1000 MHz	3.8	3.1	2.8	5.4	5.5/9.2	1.3

Outdoor Distribution Equipment



Plastic Lock Boxes

	Models	Dimensions	Description	Price
A	11-MSE-GY-S	9" x 6" x 3"	Plastic Lock Box	\$9.99
B	11-MDE-GY-S	17" x 10" x 3"	Plastic Lock Box (Can be used as Single or Double door Enclosure)	\$21.99
C	11-CTE-GY-S	9" x 9" x 3"	Plastic Lock Box	\$14.00
D	10-MTE-GY-S	7" x 5" x 1-1/2"	Plastic Lock Box	\$9.99



Outdoor Pedestals

- Rectangular shape with rounded radius design
- Removable cover for 360 degree access
- Manufactured from high impact UV Stabilized poly material
- Hidden louvered venting eliminates interior heat buildup
- Ship standard with locking hasp and ground mount stake/tap mounting bracket
- Standard color: Green

Outdoor Pedestals

	Models	Dimensions	Description	Price
A	CT-PEDSM14	9" x 9" x 14"	Outdoor Pedestals	\$109.00
B	CT-PEDME20	9" x 9" x 20"	Outdoor Pedestals	\$115.00
C	CT-PEDLG28	9" x 9" x 28"	Outdoor Pedestals	\$129.00



Metal Lock Boxes

- Integrated plywood backboard
- Internal grounding lug
- Internal AC outlet
- Multiple sized cable knock outs
- Louvered vents

CT-LB242411

- 24"W x 24"H x 11"D
- Dual locking hasps to fit standard padlocks

CT-LB181211

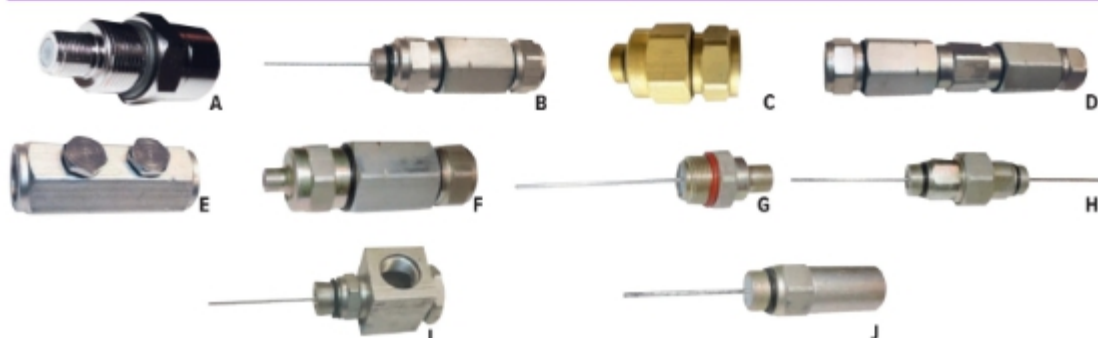
- 12"W x 18"H x 11"D
- Single locking hasp to fit standard padlocks

Metal Lock Boxes

	Models	Dimensions	Description	Price
A	CT-LB242411	24" x 24" x 11"	Metal Lock Box - Dual Locking Hasp	\$395.00
B	CT-LB181211	12" x 18" x 11"	Metal Lock Box - Single Locking Hasp	\$195.00

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.

Hardline Connectors & Adapters



Hardline Connectors & Adapters			
Models	Description	Price	
A CT-TLC-KSTOF or ICHBAFFKS-2	BAFF Cap, Converts existing Pin connector to F Female	\$6.93	
B CT-TLC-500-CH-DU-03	.500 Pin Connector	\$8.05	
C CT-TLC-500-B-DU-03	.500 Feed Through Connector	\$4.46	
D CT-TLC-500-SP-DU-03	500 In Line Splice	\$15.66	
E CT-TLC-HSB-A	Hardline Splice Block	\$10.06	

Hardline Connectors & Adapters			
Models	Description	Price	
F CT-TLC-500-BAFF-03	.500 To F Female Adapter	\$11.18	
G CT-TLC-625-CH-S	Pin To F Female Adapter	\$3.57	
H CT-TLC-KS-KS-M	Housing To Housing Adapter	\$6.70	
I CT-TLC-90	90 Degree Hardline Adapter	\$10.40	
J CT-TLC-M	Hardline Housing Terminator	\$6.70	



.500 Coring Tool

- Heavy duty corrosion resistant alloy aluminum
- Chromate conversion coated for added protection
- Ultra violet resistant EPDM O-rings
- Each connector is individually stamped with model number for easy identification
- Gold plated brass contacts
- Pressure tested to 40 PSIG minimum
- Feed-Thru and Pin Type connectors have external 5/8"-24 mounting threads

Model No. CT-CST-500..... \$99.68

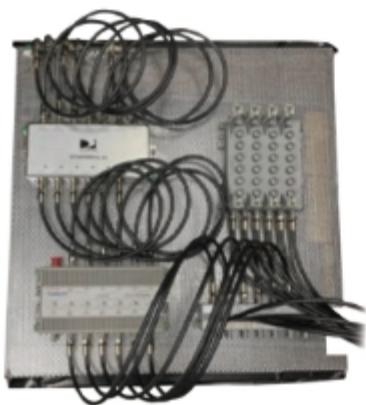


Heat Shrinkable Cable Sleeves

Heat shrinkable tubing and adhesive liner combination that established the CATV industry standard for splice and connector protection.

Heat Shrink Tubing				
Models	Internal Diameter Expanded	Internal Diameter Shrunk (Max)	Application Range	Price
CFTV-0400-48	0.40"	0.15"	.18 - .34"	Call for Pricing
CFTV-0750-48	0.75"	0.22"	.24 - .65"	Call for Pricing
CFTV-1100-48	1.10"	0.40"	.45 - 1.00"	Call for Pricing
CFTV-1300-48	1.30"	0.40"	.45 - 1.20"	Call for Pricing
CFTV-1500-48	1.50"	0.50"	.55 - 1.4"	Call for Pricing
CFTV-1700-48	1.70"	0.50"	.55 - 1.6"	Call for Pricing
CFTV-2050-48	2.05"	0.75"	.82 - 1.8"	Call for Pricing
CFTV-2750-48	2.75"	1.00"	1.2 - 2.5"	Call for Pricing

Special Services Offered by NACE Designed to Save Precious Time on DRE Installations



Pre-Assembled Backplates Designed for DIRECTV DRE (Digital Residential Experience) Systems

Features

- Fully assembled to save valuable time and money during the onsite installation
- Tested before shipping to eliminate costly time spent trouble shooting for defective components, bad cables, crosswired connections etc.
- Compression F connectors on all jumpers.
- Built on a mesh backplate that stands off the wall to promote airflow behind active components.
- All active components are wired to a single power strip to simplify powering.

Custom backplates can be assembled to your individual needs. Using our custom design tool we can provide a design layout for each backplate in your system. Contact your sales representative with the exact needs of your system and we can work up a price and design layout today! The NACE mesh back plates are cut to size and designed to easily fit inside our CT-LB242411 metal outdoor lock boxes.

Call For Pricing



DRE Premium Equipment Pre-Staging Options

Contact your sales representative for pricing on the pre-staging options below or any other custom DRE requirements that can save you time!

Standard Premium Pre-Staging

- Label all receivers with specific room/suite information
- Apply all receiver & room information into a spreadsheet
- Re-box receivers as required
- Open DRE remote controls and install batteries
- Remove weather boots from all splitters and reattach terminators

Additional Premium Pre-Staging Options

- Custom receiver setup and configuration

Have your next analog or hybrid analog digital headend system built by NACE at a much lower cost than a full digital system

Not all TV's in your customer property may be able to receive an encrypted digital signal. Don't walk away from the opportunity to sell them a headend system. With a NACE designed and built analog headend system you can deliver all types of TV programming to any property type.



Hotels without Pro:idiom descrambling TV's



Senior living properties without MPEG4 TV's

NO PROBLEM
Contact us today and find out more.



DIRECTV DRE (DIRECTV Residential Experience)

H25 Receiver Staging Program

Fast Turnaround on Receiver Staging · 4 Staging Facilities · PA · FL · MO · NV

- Our warehouse will scan and record each RID, Access Card & Serial Number. Once the information is gathered it will be organized into a spreadsheet that can be used in installation and activation.
- Our lab will un-box each receiver and access card and insert the access card into the individual receiver. Receiver cables and power supplies will not be removed from the packaging or tested.
- Each receiver will be loaded into our pre-configured testing rack and connected to AC power, a SWM satellite feed and our in house DRE server/switches.
- Each receiver will have its standard software upgraded to the current version.
- Once each receiver is connected to satellite signal and the software has been updated the dealer will be contacted and asked to contact DIRECTV to authorize the receivers for the DRE software download.
- Once the receivers have been authorized for DRE software download, the NACE lab will download the DRE software onto each individual receiver and confirm that the receiver has accepted the download.
- Due to potential delays in the software downloads NACE can not guarantee completion dates. It is recommended that each dealer keep in contact with their sales representative to coordinate shipment delivery dates.
- Once the download is completed and confirmed, our lab will then verify a successful download and test communications between each H25 receiver and our test DRE MCS server. Upon completion, our lab will then repackaging all receivers for shipment.



Call For Pricing



NACE'S Technical Support Pre-purchased Package Rates

Purchased	Support	Rates
5 hours Pre-Purchased Package	DRE Telephone or VPN support	\$300.00
10 hours Pre-Purchased Package		\$600.00

DIRECTV DRE (DIRECTV Residential Experience)

DRE System Components & Accessories



Models	Description	Price
H25	HDTV Satellite Receiver with DRE Software Capabilities	Call for Pricing

H25 Receiver Mount

Convenient for mounting H25 receivers to Walls, television mounts, televisions, cabinets, dressers etc.



Model No. H25MOUNTCall for Pricing

CableTronix Discreet I

R Target Cable

Seamlessly control hidden set-top boxes and satellite receivers via a 3.5mm IR connection. Ideal for discreet installations, it works with DIRECTV H25/H26, AEP, Visium VSB100, and LG STB 6500. Durable 6-ft black-jacketed cable ensures reliable signal relay



Model No. CT-IRTG-6D \$5.79

Infrared Target Cable, 3.5mm To

Infrared Target, 1 Meter

Detachable Cable

Stealth remote Prism, is mounted behind the TV, guaranteed not to look like a camera, and also will function better than the existing camera like IR Receivers. The Stealth remote Prism is now available for DIRECTV Residential Experience (DRE) as well as cable and other VOD solutions.



Model No. PRISM-38-3-SCall for Pricing



IR Cables for DIRECTV H25 Receivers

	Models	Length	Description	Price
A	CT-IRTG-3	3'	IR Target Cable For DIRECTV H25	Call for Pricing
	CT-IRTG-6	6'	Satellite Receivers, 3.5mm to IR Target	Call for Pricing
B	CT-IRPTC-3	3'	IR Pass Through Cables For DIRECTV	Call for Pricing
	CT-IRPTC-6	6'	H25 Satellite Receivers, 3.5mm to RJ12	Call for Pricing
	CT-IRPTC-RJ12XD	12'	IR Pass Through Cables For DIRECTV AEP Set Top Box to RJ12	Call for Pricing
C	CT-IRTG-9DIRECTV	9'	IR Target Cable For DIRECTV H25 Satellite Receivers, 3.5mm to IR Target	Call for Pricing
D	CT-IRPTC-6DIRECTV	6'	6 Foot IR Pass Through Cables For DIRECTV H25 Satellite Receivers, 3.5mm to RJ12	Call for Pricing
	DRE-IR-3001	-	Infrared Emitter, Exclusive To DIRECTV DRE System Types 3.5" x 1" x 5.5"	Call for Pricing

DIRECTV IR Remote Controls

	Models	Description	Price
A	RC72H	Reduced Function IR Remote Control for H25 Receivers when used In DRE Systems	Call for Pricing
B	RCH80HB	Backlit, Reduced Function IR Remote Control for H25 Receivers when used In DRE Systems	Call for Pricing
C	RC73/RC73B	Supports DIRECTV Services, For Compatible DIRECTV Genie, Genie Lite & H26K models, IR/IRF (RC73B Backlit)	Call for Pricing

DIRECTV DRE (DIRECTV Residential Experience)

DRE System Components & Accessories

Replacement Power Supply

Replacement Power Supply For DIRECTV H25/H26K or H44 Satellite Receivers.

Model No. H25-H26 POWER SUPP REP
Call for Pricing

Model No. H44 POWER SUPPLY
Call for Pricing



Ask us
about custom
jumpers for any
application



Pre-Made Coax Jumpers with DIRECTV Approved Compression F Connectors & Solid Copper, 3 GHz Rated RG-6 Coaxial Cable

Black Jacket Models	White Jacket Models	Length	Price
J12-DRE	J12-DRE-WT	12"	\$1.79
J18-DRE	J18-DRE-WT	18"	\$1.99
J24-DRE	J24-DRE-WT	24"	\$2.45
J36-DRE	J36-DRE-WT	36"	\$2.67
J48-DRE	J48-DRE-WT	48"	\$2.90
J60-DRE	J60-DRE-WT	60"	\$2.79
J72-DRE	J72-DRE-WT	72"	\$3.23
J96-DRE	J96-DRE-WT	96"	\$3.79
J108-DRE	-	108"	\$3.59
J120-DRE	J120-DRE-WT	120"	\$4.24

DIRECTV Ethernet Coax Adapter

The BBDECA-USB DIRECTV Ethernet Coax Adapter transfers IP packets between Ethernet (RJ-45/Cat5) and a DIRECTV Connected Home network (coaxial cable). The BBDECA-USB can be powered via USB or with a separate power supply model H25 POWER SUPPLY REP (This is the same power supply that is used to power the H25 receiver).

Model No. BBDECA-USB Call for Pricing



DIRECTV Ethernet to Coax Adapter

The BBDECA-GIG-E DIRECTV Ethernet to coax adapter is compatible with MoCa 2.0 and capable of up to 970 Mbps. It can be powered with the H25 POWER SUPPLY REP power supply or PoE network switch (both sold separately), integrated flanges for easy wall mounting.

Model No. BBDECA-GIG-E Call for Pricing



Bonding Jumper

Model No. PVEBJATT \$7.00



6 Outlet, Plastic Surge Protection,

White Housing - 3' Cord

Model No. CT-6OUTPOW-WHT Call for Pricing

Black Housing - 12' Cord

Model No. CT-6OUTPOW-BLK-12FT Call for Pricing



Grounding Accessories

Custom cut lengths
are readily available



Switching Mode Power Supplies

Models	Length	Description	Price
GW10C-GN-10	10'	#10 Copper Ground Wire, Green PVC Jacket	\$9.59
GW10C-GN	500' Spool	#10 Copper Ground Wire, Green PVC Jacket	\$260.00

Grounding Wire Split Bolt Bonding Connector, #6

Model No. SB-6 \$1.79



Self Tapping Green Grounding Screw

Model No. GS1 \$1.50/100



Galvanized Grounding Strap for 2.0" Diameter Pipe

The galvanized grounding strap, and is often used to ground an off-air antenna or satellite outdoor receiving unit to a cold water pipe.

10" Galvanized Grounding Strap

Model No. GGS-10 \$7.77



Satellite Receivers & Accessories



Models	Description	Price
H25	HDTV Satellite Receiver with DRE Software Capabilities	Call for Pricing

Please specify video cable and remote type required when ordering DIRECTV receivers

Models	Description	Price
.DTV COMPONENT CABLE	Component Video Interconnect Cable	Call for Pricing
.DTV COMPOSITE CABLE	Composite Audio Video Interconnect Cable	
.DTV H2510PIN CABLE	Component Audio Video Interconnect Cable	
.DTV H2510PIN COMPOS	Composite Audio Video Interconnect Cable	
.DTV HDMI CABLE	HDMI Audio Video Interconnect Cable	
.DTV MICRO USB	USB Interconnect Cable, Exclusive for DIRECTV	

Contact us about replacement access cards

DIRECTV Advanced Installation Meter

- DIRECTV Advanced Installation Meter version 2.0 for installation of DIRECTV satellite dish systems
- Point and lock all DIRECTV dishes/LNBs
- 10.5V 4.4Ah lithium ion rechargeable battery
- 250 - 2150 MHz
- 13/18 Volt LNB power supply,
- 21 Volt SWiM power supply
- Includes carrying case and power adapter accessories



Model No. AIM02R0-12.....Call for Pricing



Band Stop Filter

Model No. BSFMDR01-01.....Call for Pricing

RF Remote Dongle

Adds RF Remote Control Capabilities To DIRECTV H25 Receivers (RF Remote Control Sold Separately)



Model No. H25RFR0-19Call for Pricing

B-Band Converter

For DIRECTV High Definition Receivers



Model No. SUP-2400Call for Pricing

AIM Diplexer

Used in conjunction with the DIRECTV AIM satellite alignment meter. This diplexer is used in the alignment of the SL5RB reverse band LNB and World Direct satellite dishes.



Model No. AIM DIPLEXER-02 ..\$1.46



DataTronix Big Button Remote designed specifically for AEP1 Set-Top Boxes

AEP1 set-top boxes have been out of production for years but they're still installed in senior living properties everywhere. The real problem isn't the system. It's the remotes. Designed specifically for retirement and senior living environments.

- Original AEP1 remotes are broken, lost, or worn out
- Residents struggle with outdated or confusing controls
- Installers keep getting called back for the same issue



Model No. DT-AEP1-REMOTE.....\$10.00

Six Line Satellite Amplifier

Features

- Amplifies six satellite lines
- 250 - 2150 MHz
- Four ground lugs
- Automatic level controlled output
- -12 dB to 0 dB slope adjustment
- Six individual -10 dBm to 0 dBm gain control adjustments
- Requires 1 PI-29Z power supply (sold separately)
- Can be powered from individual power input or from Satellite Out port 1
- Power output to power device above from either individual power out port or Satellite In port 1
- Will not power the LNB, external polarity locker is required
- For indoor use only

Model No. STA-R0-09 Call for Pricing



Six Line Satellite Amplifier

Features

- Amplifies six satellite lines
- Indoor 250 to 2150 MHz
- Automatic gain controlled output user adjustable from -16 dBm to -25 dBm @ 2150 MHz.
- Slope is field selected to either 12 dB or 8 dB
- PI-29Z Power supply sold separately

Model No. TAMP6R03-PI29 Call for Pricing



Power Supply with integrated power inserter. 29VDC

Model No. PI-29Z..... Call for Pricing



Grounding Blocks and Lugs

Model No.	Description	Price
A GB-1UL	Single Grounding Block with two set screws for two separate ground wires, 5-3,000 MHz, UL Listed	Call for Pricing
B GRD BLK 2 W BOOT	Dual Grounding Block with two set screws for two separate ground wires, with weather boots, 5-3,000 MHz, UL Listed	Call for Pricing
C GRD BLK 4 W BOOT	Quad Grounding Block with two set screws for two separate ground wires, with weather boots, 5-3,000 MHz, UL Listed	Call for Pricing
D AGC-5	Dual grounding lug with hole for ground screw and seizing screw	Call for Pricing

Six line LNB Polarity Locker

Six line LNB polarity locker, 35 dB port to port isolation, requires PI-29Z power supply (sold separately), All ports DC passing toward ODU.

Model No. DTV6PWRPOL-02 Call for Pricing



Six line LNB Polarity Locker

PI-29Z power supply required & sold separately

Model No. PLPI-R0-09 Call for Pricing

Seven Line

Satellite

Trunk Tap

Features

- Six satellite inputs, 250-2150 MHz
- One Terrestrial input, 5-1000 MHz
- Two ground lugs

- DC Power passing from output to input
- DC Power blocking on tap ports
- For indoor use only
- Wall mountable



STTAP Series

Models	Description	Price
STTAP06-R0-09	Seven Line 6 dB Tap	Call for Pricing
STTAP09-R0-09	Seven Line 9 dB Tap	Call for Pricing
STTAP12-R0-09	Seven Line 12 dB Tap	Call for Pricing
STTAP16-R0-09	Seven Line 16 dB Tap	Call for Pricing
STTAP20-R0-09	Seven Line 20 dB Tap	Call for Pricing



Wideband 7 Port Tap

Models	dB	Description	Price
DTV7TAPDV06-02	6	Wideband 7 Port Tap / Directional Coupler, 250-2,150 MHz Exclusive To DIRECTV Satellite Signal Services	Call for Pricing
DTV7TAPDV09-02	9		
DTV7TAPDV12-02	12		
DTV7TAPDV16-02	16		

See Page 154 for details

FiberTronix

L-Band Fiber Optic Transmitter & Receiver

Model No. FT-SAT-TX-6

Model No. FT-SAT-RX-6



DIRECTV® MFH2™ Single Wire Satellite Distribution System



Standard Output SWM Module

SWM Module for up to 26 Tuners, Standard Output version for properties with home run wiring. Each of the two outputs is capable of supplying Signal to 13 tuners.

Requires 1 PI-29Z power supply (sold separately)

Model No. DSWM-30Call for Pricing

High Output SWM Module

SWM Module for up to 26 Tuners, High Output version for properties with loop through wiring. Each of the two outputs is capable of supplying Signal to 13 tuners.

Requires 1 PI-29Z power supply (sold separately)

Model No. DSWM-30HPCall for Pricing



SWM Expander Module to Hold Up to 4 DSWM-30

Features

- Holds up to 4 DSWM-30
- Six Satellite Inputs
- Two power inputs (from PI-29Z)
- Four ground lugs
- Wall mountable
- Unused ports are auto terminated
- Requires 1 PI-29Z power supply for every two modules (sold separately)
- Will not power the LNB, external polarity locker is required
- Not compatible with legacy SWM-8/16/32 units
- For indoor use

Model No. SWM-EXPANDR-P-R0-09Call for Pricing



Active SWM Expander Module

Features

- Holds up to 4 DSWM-30
- DSWM provides power to all 6 satellite inputs
- Two power inputs (from PI-29Z)
- Four power outputs (to DSWM-30)
- Requires 1 PI-29Z power supply for every two modules (sold separately)
- Not compatible with legacy SWM8/16/32 units
- Unused ports are auto terminated
- This unit is suitable for indoor use

Model No. SWM-EXPANDR-A-R0-09Call for Pricing



Outdoor SWM Expander Module

Features

- Holds up to 4 DSWM-30
- DSWM provides power to all 6 satellite inputs
- Two power inputs (from PI-29Z)
- Four power outputs (to DSWM-30)
- Requires 1 PI-29Z power supply for every two modules (sold separately)
- Provides LNB Power and can be used as a polarity locker
- Not compatible with legacy SWM8/16/32 units
- Unused ports are auto terminated
- This unit is suitable for outdoor use with the D2 Lite Enclosure

Model No. SWM-EXPANDR-O-R0-09Call for Pricing

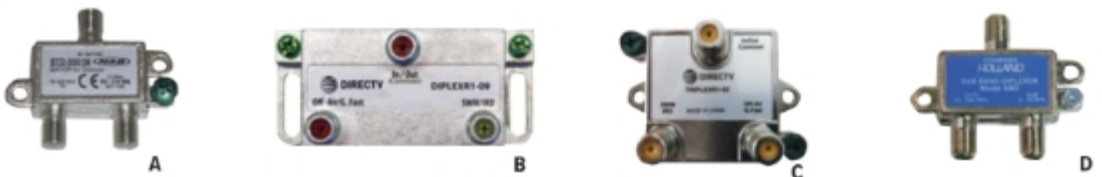
**Power Supply/Power Inserter, 21V,
Powers DIRECTV SWiM LNB Models
Model No. PI-21Call for Pricing**





Splitters for SWM/MFH2

Models	Brand	Description	Price
A SWS-2WBMH-HORZ	DIRECTV	2 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$4.39
B MSAT-2	Holland Electronics	2 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$5.49
C SWS-4WBMH-HORZ	DIRECTV	4 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$4.39
D MSAT-4	Holland Electronics	4 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$8.89
E SWS-8WBMH-VERT	DIRECTV	8 Way Splitter 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports. MFH2 Approved	\$4.39



Satellite Diplexers & Triplexers

Models	Brand	Description	Price
A STD-9501	DIRECTV	SWM Compatible satellite/off air diplexer	\$8.49
B DTV-DIPLEXR1-09	DIRECTV	Satellite Diplexer Supports G Fast Services. Used to combine and separate broadband or antenna signal and SWM signals	\$18.00
C DTV-TRIPLEXR1	DIRECTV	Satellite Triplexer, Supports G Fast Services. Used to combine and separate broadband or antenna signal and SWM signals	\$24.99
D SBD	Holland	CATV/Sub-Band RF Diplexer, Combines / Separates CATV 54-1,000 MHz AND Sub-Band 5-40 MHz	\$13.79



Wideband splitters 2-2,150 MHz deliver superior signal distribution for satellite, CATV, and broadband systems. Available in 2- and 4-output models, each features one DC-passing port for powering remote devices. Designed for reliability with low insertion loss, they ensure efficient signal management.



Wideband / SWM RF Coax Splitter 2-2,150 MHz

Models	Brand	Description	Price
A CT-WBVS-2	CableTronix	Single Input, Dual Output, One DC-Passing Output, Vertical Port Alignment	\$6.59
B CT-WBVS-4		Single Input, Four Outputs, One DC-Passing Output, Vertical Port Alignment	\$9.95



Wideband / L-Band RF Coax Splitter 15-2,150 MHz, Diode Steered

Models	Brand	Description	Price
A HFS-2D	Holland	2 Way Wideband / L-Band RF Coax Splitter	\$2.19
B HFS-4D	Electronics	4 Way Wideband / L-Band RF Coax Splitter	\$3.49

Satellite Distribution Equipment



Wideband Satellite Distribution Taps for use with Digital Loop Through SWM Modules

Models	dB Tap	Price
DRETAP6DB-02	6	\$11.99
DRETAP9DB-02	9	\$11.99
DRETAP12DB-02	12	\$11.99
DRETAP16DB-02	16	\$11.99
DRETAP20DB-02	20	\$11.99



Dual Port Wideband Satellite Distribution Taps for use Digital Loop Through SWM Modules

Models	dB Tap	Price
DREDUAL12DB-02	12	\$11.99
DREDUAL16DB-02	16	\$11.99
DREDUAL20DB-02	20	\$11.99



SWM Extension Amplifier

- Indoor DBS line powered amplifier with 940 to 2150 MHz forward gain and passive 2 MHz to 806 MHz return.
- Boosts SWM 940 to 2150 MHz signals offsetting the loss of 150 feet of RG6 while bidirectionally passing 2 to 806 MHz DECA, MoCA and receiver control signals.
- MoCA & DECA signals in the 475 to 625 MHz band pass through the SD SWMA2
- 1 dB of Loss at 2 - 806 MHz, 12 dB gain at 940-1,450 MHz, 15 dB gain at 1,450 MHz to 2,150 MHz.

Model No. SD-SWMA2-T\$44.99

24VDC Coaxial Power Supply

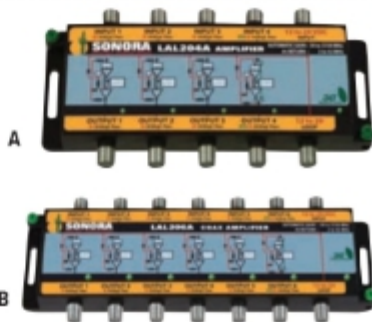
This power supply allows a SWM multiswitch in a DIRECTV installation to be powered from the closet without generating excessive heat. This power inserter couples regulated DC voltage on satellite TV coax cables while allowing the DBS signal to pass through the inserter.



Model No. PS242000\$30.00

Ka/Ku Satellite Distribution Equipment

Auto Gain Satellite Amplifier



4 Line Auto Gain Satellite Amplifier

- Auto gain output of -20 dBm @ 2150 MHz
- Accommodates up to four satellite lines
- 54 MHz to 2,400 MHz
- Power supply included

A. Model No. LAL204A-T\$183.00

6 Line Auto Gain Satellite Amplifier

- Auto gain output of -20 dBm @ 2150 MHz
- Accommodates up to six satellite lines
- 54 MHz to 2,400 MHz
- Requires PI-29Z power supply (sold separately)

B. Model No. LAL206A-PI29\$190.00

**PRE-BUILT
DIRECTV
HEADENDS,
IN STOCK
AND READY
TO SHIP**



**CONTACT US TODAY
FOR MORE INFORMATION**

Single Line Amplifiers



Single Line Amplifier

- 14 dB Gain, 6 dB slope
- 54-3,500 MHz forward
- 2-40 MHz return

- Perfect for amplification of any single satellite line including SWM applications
- Power supply PS242000 required and sold separately

A. Model No. LA-141R \$71.90

- 54 - 2,400 MHz Forward
- Selectable fixed output of +1, 5 or 10 dBm

- 10 / 15 dB Selectable slope
- -40 dBm Minimum input
- Power supply included

B. Model No. PAL1510-T \$145.00

- 1 Port
- 950- 2,150 MHz
- 14 dB Gain

C. Model No. LA-141 \$42.00

- 2- 3,000 MHz
- Gain varies across frequencies from 20-30 dB
- Passive return path

Model No. LA281R \$81.00

Dual Line Amplifier

- 28 dB Gain
- 54 - 3,000 MHz Forward
- 2-42 MHz return
- Power supply included



Dual Line Amplifier

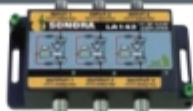
- 14 dB Gain
- 950-2150 MHz Forward

- 2-42 MHz return
- Power supply included

Model No. LA142 \$49.00

3 Input Amplifier

- 95 - 2150 MHz,
- 14 dB gain, 2-4 MHz return
- DC and 22 kHz passing



Model No. LA143 \$86.00

4 Line Power Inserter's

4 Line Power Inserter

- Supplies LNB power to 4 LNB lines
- 20 VDC on all 4 lines
- Blocks DC from RF inputs
- Power supply included



Model No. 4SPI-20 .. \$66.19

Low profile mount for
SLSP-F dishes
Model No. LOPROMTRO
Call for Pricing



Mounting Foot / Base, Exclusive To
DIRECTV 95° International Programming,
2" Outer Diameter, 27.5" Pole

Mast and base for use with DIRECTV international dish. Other required items that are sold separately for complete international dish assembly.
Model No. SLMTSTD4R1 Call for Pricing



Under Eave Roof Mount, For
DIRECTV Satellite Dish ODU

The SLMTUE-P is an under-eave mounting bracket for DIRECTV satellite dish units. This unit supports the DIRECTV satellite dish at the rear, bottom, and front of eave. Compatible with 2" outer diameter masting.

Model No. SLMTUE-P Call for Pricing



Dish Masting, 72" Length Satellite Masting Pole,
2" Outer Diameter

This six foot length antenna mast is made of 16 gauge galvanized pipe, and has a 2" outside diameter. The unit is compatible with the DIRECTV slimline dish model.

Model No. POLE2-6FT \$24.99



DIRECTV Monopole Brace, Compatible
with SLSP-F Slimline Outdoor Unit

The DTVBRACE is often called a support, monopole, or strut, and is used as a support brace for DIRECTV Slimline satellite dish installations. This brace holds 2.0" outer diameter mast pipe.

Long Brace - extendable from 18" to 30"

Model No. DTVLONGBRACE Call for Pricing

Short Brace - extendable from 12" to 20"

Model No. DTVSHORTBRACE Call for Pricing

Lag Bolt Shield

1.75" x 5/16". 100/Box

Model No. LSL516-134P \$6.00/100



Satellite Dish Installation Materials



DIRECTV 5 Position LNB

Five position LNB with reverse band, receives 99/101/103/110/119 degree satellites. Six lines out (non-SWM).

A. Model No. SL5KRBR0-01 Call for Pricing

DIRECTV SWM LNB

SWM LNB - 3 Position with reverse band, receives 99/101/103 degree satellites. single wire SWM output, supports up to 13 tuners, requires PI-21 power supply.

B. Model No. 3D2RBLNB-SWM3 Call for Pricing

Single satellite legacy LNB

Dual output LNB for single satellite position. Primarily for the delivery of DIRECTV standard definition services, from DIRECTV satellite position (101). This unit is not capable of receiving DIRECTV high definition satellite services. Switches on 13V and 18V.

C. Model No. PM-LNBF-D-D Call for Pricing

Power Inserter

Power Inserter for SWM Style LNB

Model No. PI-21 Call for Pricing



5 Position Slimline Satellite Dish

5 Position Slimline satellite dish, includes back assembly, reflector, mast, base, 1 short & 1 long monopole support, LNB not included

Model No. SLSP-F ..Call for Pricing



DIRECTV, Slimline Reflector, For DIRECTV SLSP-F Slimline ODU Series

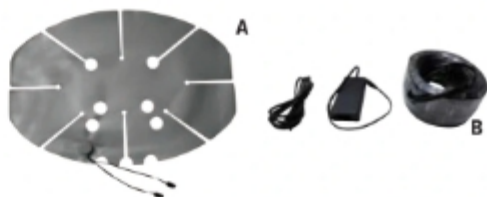
The SLREF4 is a replacement or upgrade reflector for the DIRECTV slimline satellite dish. Customers should note, this is not an entire satellite dish solution, just the reflector and mounting accessories.

Model No. SLREF4 Call for Pricing



DIRECTV Fine-Tuning Back Assembly Unit for Satellite Dishes

Model No. BAU Call for Pricing



Satellite Dish Heater Element

- Safe low-voltage (26)VDC heater
- Purchase includes heater blanket
- Heating blanket silver color finish, made of durable vinyl
- 3M Acrylic adhesive assures a tight bond to the antenna

A. Model No. CT-SLMHTR-2ELE Call for Pricing

Power Supply for CT-SLMHTR-2ELE

Includes heater, power supply, 100' cable & feed support arm heater

B. Model No. CT-SLMHTR-3PS Call for Pricing



Arm Heater Kit, Exclusive To DIRECTV SLSP-F Dish

Includes heater, power supply, 100' cable & feed support arm heater

Model No. HSPSKIT4 Call for Pricing

Tethering Kit for Satellite Dish and Mounting Equipment

Tethering kit for satellite dish and mounting equipment, Includes 50 feet of coated steel cable and four steel U-Bolt clamps.

Model No. CT-TETHER-50 \$42.00



While we attempt to hold pricing we can not control if our vendors increase pricing.

Images shown may be different from actual product.

NACE Technical Support is available 24/7/365

800.688.9282

After Hours Phone Numbers

Nevada Lab After Hours:	484.401.6004
Pennsylvania Lab After Hours:	484.889.8911
D.R.E. After Hours:	702.817.8939
DIRECTV Support After Hours:	484.653.8745

Satellite Dish Installation Materials

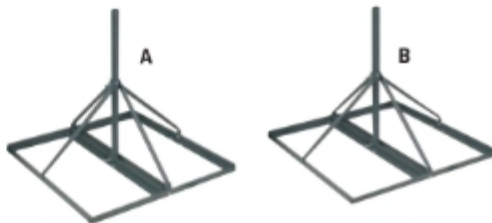


DIRECTV 1.2 Meter Dishes

Models	Description	Price
DTVAH12DISH	1.2 Meter Reflector	Call for Pricing
DTVAH12AZEL	Azel Cap for 1.2 Meter Reflector	Call for Pricing
SL3RBAH	UNB KIT for 99, 101 & 103 Satellite Positions with Reverse Band	Call for Pricing
DTVAHNONPEN	Non penetrating roof mount for 1.2 Meter Dish	Call for Pricing
DTVAHWALLMNT	Wall Mount for 1.2 Meter Dish	Call for Pricing

DIRECTV Under Rafter/Eave Roof Mount

For Slimline Dish ODU, Compatible with All KAKU Foot Patterns, Fits 16" & 24" Rafter Spacing, Exclusive to DIRECTV Services
Model No. SLEAR0-02Call for Pricing



Non-Penetrating Roof Mount, For Compatible 2" Outer Diameter DBS, Antenna Models

This unit includes a 30" mast and is compatible with 2" outer diameter requirements. The unit holds and requires eight 8" x 8" x 16" concrete blocks (not included) as ballast.

A. Model No. FRM-200 ... Call for Pricing

Non-Penetrating Roof Mount, For Compatible 1.25" Outer Diameter DBS, Antenna Models

This unit includes a 60" mast and is compatible with 1.25" outer diameter requirements. The unit holds and requires eight (The unit holds and requires eight 8" x 8" x 16" concrete blocks (not included) as ballast.

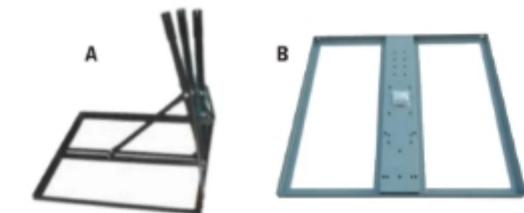
B. Model No. FRM-125Call for Pricing

Non Penetrating Roof Mount, Pitched Roof Mount Applications, For Legacy DBS 18/24" Outdoor Unit

The PRM-2 is a perfect mounting solution for legacy 18/24" satellite outdoor units using the pitch of the roof. The heavy duty mount is easy to install, has an adjustable mounting plate for ideal dish placement, and straddles the roof pitch. This unit holds up to eleven 8 x 8 x 16" standard concrete blocks to anchor, and accommodates most 18 and 24" legacy DBS dishes.



Model No. PRM-2..... Call for Pricing



Non Penetrating Roof Mount

Non Penetrating Roof Mount For DIRECTV Dishes. Includes reversible mast to accommodate 1.75" OD & 2.0" OD azel caps. Capable of minor mast adjustment pitch from 2° positive to 10° negative.

A. Model No. NPR-6B..... Call for Pricing

Non Penetrating Roof Mount

Non Penetrating Roof Mount For DIRECTV Dishes Pre-drilled holes to match DIRECTV dish foot patterns & support braces, No masting required.

B. Model No. NPR-8A..... Call for Pricing

Rubber Mat for Non Pen Mounts

42" x 36" x 0.08"

Model No. FRMMAT

Call for Pricing



Ethernet to Fiber Converters

Industrial Ethernet to Fiber Converters are used for converting copper twisted pair ethernet to fiber cable ethernet in locations that are exposed to harsh industrial operating conditions, such as high or low temperatures. While converting copper to fiber is mostly used for an extended data transmission distance of a network, many deployments are done to eliminate EMI and RFI interference that can occur on a copper ethernet as fiber optic cable is immune to EMI and RFI noise.

Unmanaged Mini Ethernet to Fiber Converters

Features

- Kit includes 2 Mini Ethernet to Fiber Converters, PoE Kit includes 2 PoE Ethernet to Fiber Converters
- 1G Single or Dual Fiber, SC Selectable Fiber Port per media converter
- 1x 10/100/1000 Base-T RJ45 port per Ethernet to Fiber Converters
- IEEE802.3
- 12V DC 1.4W, Power supplies included
- Aluminum alloy, IP30



Single Fiber Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-SX-MINI-KIT \$664.49

Dual Fiber Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-DX-MINI-KIT \$158.76

PoE Unmanaged Mini Ethernet to Fiber Converters

Single Fiber PoE Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-SX-MINI-POE-KIT \$857.92

Dual Fiber PoE Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-DX-MINI-POE-KIT \$216.96

Unmanaged Ethernet to Fiber Converters

Features

- Kit includes 2 Media Converters
- 1x 1000Base-x SC Selectable Fiber Ports
- 1x 10/100/1000 Base-T Copper Ports
- 12V DC 1.4W, Power supply included
- Aluminum alloy, IP30



Single Fiber Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-SX-KIT \$284.48

Dual Fiber Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-DX-KIT \$78.87

Unmanaged Ethernet to Fiber Converters

Features

- Kit includes 2 Mini Ethernet to Fiber Converters
- 1x 1000Base-x SC Selectable Fiber Ports
- 1x 10/100/1000 Base-T Copper Ports
- 2V DC 1.4W, Power supply included
- Aluminum alloy, IP30



Single Fiber Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-SX-WM-KIT \$333.76

Dual Fiber Unmanaged Ethernet to Fiber Converter Kits
Model No. FT-EMCU-1G-SM-DX-WM-KIT \$84.67

Managed Ethernet to Fiber Converters

Features

- 1 RJ45 Port - 10/100/1000BaseT
- 1 SFP Port - 100/1000BaseX
- 1G SFP slot (SFP's sold separate)
- Packet forwarding rate: 5.952Mpps
- Backplane bandwidth: 8Gbps
- Network Standards: IEEE802.3
- Support 9600Byte jumbo frame
- Support 4K VLAN
- 12V-48V DC Input
- Operating Temp: -40 - 185 (40 - 85°C)
- IP40 rate
- MTBF =400,000hrs
- IP40 rated, Aluminum housing



- 12VDC, Power supply included
- CE, FCC, ROHS
- DIN-Rail / Wall mount

Managed Ethernet to Fiber Converter Kits
Model No. FT-EMCM-1G-SM-SFP \$417.14

Small Form-Factor Pluggable (SFP) Optical Transceiver

SFP Optical Transceivers are hot-swappable, interchangeable, compact connectors that are a cost effective solution for facilitating a reliable, wired, high-speed connection between two devices via copper or fiber optic cables.

Model No. FT-EMC-SFP-1G-LC-SX-A \$60.31

Model No. FT-EMC-SFP-1G-LC-SX-B \$90.50



FT-FTX Series Indoor Fiber Optic Transmitter Rack Mountable

Features

- Wavelength: 1310nm, Single-Mode
- 47-860 MHz
- Front panel controls
- Requires 12 - 22 dBmV
- Front panel lock out
- SC/APC or FC/APC Output (specify)
- 6 dB or 10 dB output lasers available
- -20 dB RF test point
- 19" Rack mountable housing



Contents Include

- 1 Fiber optic transmitter
- 1 Power cord

The FT-FTX series is a state of the art series of rack mountable fiber optic transmitters designed for the fiber optic distribution of broadband RF signals. These units accept a flat RF signal from 47-860 MHz and transmit out over single-mode fiber at 1310nm. The series has models with output levels of 6 dB or 10 dB and is available with either SC/APC or FC/APC fiber optic connectors. The FT-FTX series feature a high linearity DFB laser and an advanced pre-distortion feature providing a high level of reliability with low power, low noise, a high output level and excellent performance to price ratio. Unique thermal design provides superior heat dissipation, increasing the reliability of each system. The automatic gain control helps maintain a constant RF drive level to the laser for consistent performance. An interface LCD display allows the user to easily monitor the transmitter's performance. A convenient -20dBmV test point is located on the rear panel to enable input signal testing without service interruption.

FT-FTX Series Indoor Fiber Optic Transmitter Rack Mountable

Models	Description	Price	Models	Description	Price
FT-FTX-6-SCAPC	Fiber optic transmitter, 6 dB, SC/APC output connection	Call for Pricing	FT-FTX-10-SCAPC	Fiber optic transmitter, 10 dB, SC/APC output connection	Call for Pricing

Indoor Fiber Optic Receiver Rack Mountable

Features

- Dual RF Outputs
- Wavelength: 1200 - 1600nm
- 47-860 MHz Forward Path Receiver
- Front panel input signal level display
- Wide optical input range -8dBm to +2dBm
- Complies with SCTE HMS and IEC network management standards
- -20 dB RF test point
- 19" Rack mountable housing



Contents Include

- 1 Fiber optic transmitter
- 1 Power cord

The FT-FRXID-RM-SCAPC is a state of the art rack mountable fiber optic receiver designed for indoor receive only fiber optic applications. With a receive frequency range of 47 to 860 MHz, this unit offers flexibility in operation and maintenance. The unit provides a high level of reliability with low power, low noise, a high output level and excellent performance to price ratio. The automatic gain control (AGC) range is +1dBm to -6dBm providing a stable output level that remains within 0.5 dB. The FT-FRXID-RM-SCAPC has two RF outputs with an output level of 35 dBmV. The unit is contained in a rugged single rack space housing that is 19" rack mountable. A convenient -20dBmV test point is located on the front panel along with a digital input signal level display and equalization and attenuation controls. The back panel has an optical input along with two F connectors for the RF output.

Dual Output fiber optic receiver with SC/APC fiber input

Model No. FT-FRXID-RM-SCAPC.....Call for Pricing

Replacement Power Supply

Model No. FT-FRXID-RM-PS.....Call for Pricing

1550nm CATV Optical Transmitters Rack Mount • 47–1000/1003 MHz • SC/APC

NEW

High-performance 1550nm directly modulated optical transmitters designed for CATV HFC and broadband fiber networks. Ideal for transmitting analog video, digital TV, voice, and data with stable optical output and reliable rackmount operation.

FT-FTX1550-6-SCAPC Features

- 6 dBm optical output
- 47–1003 MHz bandwidth
- Intelligent electronic pre distortion
- Ortel DFB laser
- 1RU rackmount housing
- Dual 110V AC power supplies
- Compatible RX: FT-HHRX-1000-SC-MINI

FT-FTX1550-10-SCAPC Features

- 10 dBm optical output
- 47–1000 MHz bandwidth
- Ortel DFB laser
- 1RU rackmount housing
- Dual 110V AC power supplies



FT-FTX1550-6-SCAPC



FT-FTX1550-10-SCAPC



FT-FTX Series Indoor Fiber Optic Transmitter Rack Mountable

Models	Description	Price
FT-FTX1550-6-SCAPC	1550nm CATV Optical Transmitters, 6dB Rack Mount • 47–1000/1003 MHz • SC/APC	Call for Pricing
FT-FTX1550-10-SCAPC	1550nm CATV Optical Transmitters, 10 dB Rack Mount • 47–1000/1003 MHz • SC/APC	Call for Pricing

High Power EDFA Optical Amplifier 1550nm Rackmount (1RU)

NEW

Features

- Dual output ports: +20 dBm per port
- 1550 nm operation
- 47–1218 MHz bandwidth (DOCSIS 3.1 ready)
- SC/APC connections
- Dual 110VAC power supplies
- Rackmount 1RU chassis
- Indoor use design



High-performance 1550nm Erbium-Doped Fiber Amplifier (EDFA) designed for indoor broadband and HFC network applications. Supports extended bandwidth for modern DOCSIS deployments. Ideal for high-power optical distribution in headend and network expansion environments. (Also available in 32 port unit - FT-EDFA-32-1550NM)

High Power EDFA Optical Amplifier

Model No. FT-EDFA-2-1550NM-SCAPC.....Call for Pricing

DataTronix HDMI Fiber Optic Cables

Advanced HDMI cables with built-in fiber optic transceivers transmit 4K HD video up to 492 feet without signal loss. Ideal for TVs, projectors, home theaters, and gaming systems.

Using light instead of copper, DataTronix HDMI FOC cables eliminate distance limitations and signal degradation common with traditional HDMI cables. Plug-and-play design with no external power required — powered directly through standard HDMI connections.

HDMI 2.0 Fiber Optical Cable (FOC), 32' (10 Meters), 4K
Model No. DT-HDVC-FOC32 \$77.28

HDMI 2.0 Fiber Optical Cable (FOC), 98' (30 Meters), 4K
Model No. DT-HDVC-FOC98 \$110.88

HDMI 2.0 Fiber Optical Cable (FOC), 164' (50 Meters), 4K
Model No. DT-HDVC-FOC164 \$144.48

HDMI 2.0 Fiber Optical Cable (FOC), 328' (100 Meters), 4K
Model No. DT-HDVC-FOC328 \$222.88

HDMI 2.0 Fiber Optical Cable (FOC), 492' (150 Meters), 4K
Model No. DT-HDVC-FOC492 \$278.88



1GHz FTTH Bidirectional Mini Optical Receiver

CATV Fiber Optic Mini Node (45–1000 MHz, 42/54 Split, SC/APC)

Features

- 45–1000 MHz forward path
- 42/54 MHz split (bidirectional)
- SC/APC fiber connection
- Wide optical input range
- +46 dBmV RF output level
- Low power consumption design
- Ideal for FTTH and FTTB deployments

High-performance 1GHz FTTH optical receiver designed for FTTB and bidirectional network applications. Engineered for stable RF output, low power consumption, and reliable fiber-to-coax signal conversion.

Model No. FT-HHRX-1000-2W-SCAPC-AC Call for Pricing

NEW



FTTH Mini Optical Node

Features

- 1200–1600 nm wavelength range
- 54–870 MHz forward path receiver
- 5–42 MHz integrated return transmitter
- -8 dBm to +2 dBm optical input range
- Automatic Gain Control (AGC)
- pHEMT GaAs FET technology for low distortion
- Forward & reverse RF test points
- Local or remote powering options
- Surge-protected, low power consumption design
- Die-cast aluminum housing with excellent heat dissipation

State-of-the-art fiber node engineered for FTTH applications, delivering stable forward and return path performance for residential and commercial networks. Designed for easy installation and long-term reliability. Ideal for FTTH deployments requiring consistent RF output, simplified maintenance, and dependable performance across varying optical input levels.



FTTH Mini Optical Node

Models	Description	Price
FT-HHRX-870-1-SCAPC	Fiber optic receiver with SC/APC fiber input	Call for Pricing
FT-HHRX-PS	Replacement power supply pairs to the FiberTronix FT-HHRX-870 series of optical receive units.	Call for Pricing

Contents Include

- 1 Fiber optic node
- 1 Power supply

CATV Mini Node FTTH Optical Receiver

Features

- 45–1003 MHz RF bandwidth
- Single-mode fiber with SC/APC connection
- 1100–1600 nm wavelength range
- -15 to +2 dBm optical input window
- +28 dBmV high RF output (GaAs amplifier)
- 12V DC power supply
- Operating temperature: -4°F to 131°F
- Compact, durable heat-sink metal housing

Compact, high-performance fiber optic receiver designed for FTTH and commercial video distribution applications. Built with a rugged heat-sink metal housing, it delivers reliable RF performance in professional installations.

Model No. FT-HHRX-1000-SC-MINI-* Call for Pricing



Outdoor Fiber Optic Node

Features

- Dual RF outputs
- 54–1000 MHz forward / 5–42 MHz return
- 1200–1600 nm wavelength range
- -8 to +2 dBm optical input
- AGC with GaAs power-doubled amplifier
- -20 dB RF test point
- 60VAC internal supply (local or remote power)
- Weatherproof housing with plug-in pads & EQ

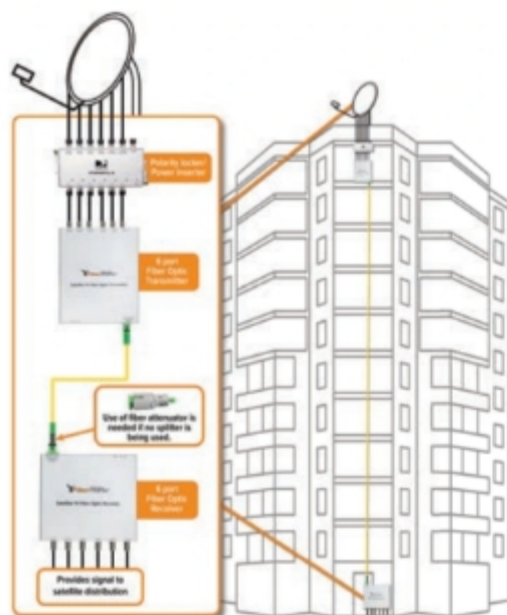
Rugged, high-output outdoor fiber node designed for reliable two-way optical distribution in demanding environments. Ideal for outdoor fiber networks requiring stable, high-level RF performance.

Model No. FT-FRXOD-SCAPC Call for Pricing



L-Band Satellite Transmission Over Fiber Optic Cable

Transmit, extend and receive multiple satellite TV signals in the L-Band over a single optical fiber up to 12.5 miles using FiberTronix fiber optic Transmitters and Receivers



FT-SAT-TX-6 L-Band Fiber Optic Transmitter

The FiberTronix FT-SAT-TX-6 L-Band fiber optic transmitter carries up to six satellite RF carriers (174–2350 MHz) over a single strand of single-mode fiber from the dish LNB to a FT-SAT-RX-6 receiver for coaxial distribution through L-Band switches to satellite receivers.

Unlike coaxial cable, which is typically limited to a few hundred feet and only two cascaded amplifiers before signal degradation occurs, fiber transmission extends L-Band signals up to 12.5 miles without added noise.

One FT-SAT-TX-6 transmitter can support up to 32 FT-SAT-RX-6 receivers, delivering high-quality RF distribution over long distances.

A. Model No. FT-SAT-TX-6Call for Pricing

FT-SAT-RX-6 L-Band Fiber Optic Receiver

The FiberTronix FT-SAT-RX-6 L-Band fiber optic receiver outputs up to six satellite RF signals (174–2350 MHz) received over single-mode fiber from a corresponding FT-SAT-TX-6 transmitter.

The unit features Automatic Gain Control (AGC) to maintain consistent and stable output power levels for reliable signal distribution.

B. Model No. FT-SAT-RX-6Call for Pricing

IMPORTANT:

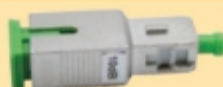
If you are connecting one transmitter to only one receiver, and not multiple receivers using a splitter, a 10dB fiber attenuator is required to not overdrive the receiver.

Attenuator

Model No. FT-FOATT-MF-SC-APC-10Call for Pricing

Optional Polarity Locker and Power Supply:

- Polarity Locker: DTV6PWRPOL-02
- Polarity Locker Power supply: PI-29Z



Televés CATV Optical Transmitter

1310nm | 47–2400 MHz | 3 dBm Output | SC/APC

Wall-mount optical transmitter designed for SMATV distribution, converting RF signals (47–2400 MHz) to a 1310nm optical output. Delivers stable performance even at low RF input levels.

B. Model No. TV-238201.....Call for Pricing

Features

- 1310 nm optical wavelength
- 3 dBm optical output
- 47–2400 MHz RF input range
- SC/APC connection
- Remote powering (up to 35V)
- Power supply included
- No return path support



L-Band Satellite Transmission Over Fiber Optic Cable

L-Band Fiber Transmitter

Features

- Plug & play deployment
- Point-to-multi-point architecture
- Compatible with Foxcom AL6R receiver
- Operating Frequency Range: 200-2400 MHz
- Minimum/Maximum RF Input Power: -50dBm/-20dBm



- Optical Output Power: +3dBm
- Optical Output Connector Type: SC/APC

The AL6T-66-CWDM transmits multiple satellite TV signals to multiple locations over a single optical fiber. This compact solution, which boasts 6 expanded L-band (200-2400MHz) inputs, is capable of supporting a variety of satellite television platforms. This transmitter is equipped with 6 dedicated DFB lasers to ensure stability and integrity of the signal. The internal multiplexer enables the installer to deliver all 6 L-band signals over a single fiber. The transmitter is designed to be used with a Foxcom optical splitter in point-to-multi-point applications. Depending on design requirements, the AL6T-66-CWDM can be used with the AL6R-66-CWDM.

L-Band Fiber Transmitter

Models	Description	Price
AL6T-66-CWDM	6 Input L-Band Fiber Transmitter with internal CWDM, single fiber output (transmitter only)	Call for Pricing
AL6T-66-CWL-8K	8 Output transmitter kit, includes 1 AL6T-66-CWDM, 1 Fiber jumper, 1x8 fiber splitter & 14 slot LGX style housing	Call for Pricing
AL6T-66-CWL-32K	32 Output transmitter kit, includes 1 AL6T-66-CWDM, 1 Fiber jumper, 1x32 fiber splitter & 14 slot LGX style housing	Call for Pricing

6 Output L-Band Fiber Receiver with internal CWDM, single fiber input

Features

- 6 Expanded L-band frequency inputs
- Single SC/APC input
- Six F-type outputs
- Stand-alone housing
- Plug & Play deployment
- Maximum Input Power: -8dBm
- Minimum Input Power: -16Dbm
- Optical Input Connector Type: SC/APC



The Foxcom compact AL6R-66-CWDM receiver converts incoming signals from Foxcom's optical AL6T-66-CWDM transmitter into 6 RF outputs. This cost-effective solution boasts a large optical input window and linear performance, enabling it to distribute up to 6 high-quality, L-Band (200-2400MHz) TV signals. The receiver is designed with internal CWDM to provide optimum, quality satellite TV signals in point-to-multi-point applications. Optical connectors are provided for data communication using 1310 and 1490nm. The AL6R-66-CWDM compact design and low power consumption enables it to be easily integrated into many distribution environments.

Model No. AL6R-66-CWDM Call for Pricing

L-Band Fiber Transmitter or Receiver

- 1 Expanded L-band frequency input
- Stand-alone housing
- Low power consumption
- AGC circuitry Compatible with Foxcom's AL5R/AL6R1 receivers
- Optical Output Power: +3dBm

- Optical Output Connector Type: SC/APC
- AL6T-1-CWDM - Minimum/ Maximum RF Input Power: -50dBm /-20dBm
- AL6T-1-CWDM - Minimum/ Maximum RF Input Power: -8dBm /-16Dbm



Transmitter

Receiver

A. Model No. AL6T-1-CWDM Call for Pricing

B. Model No. AL6R-1-CWDM Call for Pricing

Fiber Optic Splitters

19" Rack Mountable Fiber Optic Splitters

Models	Description	Price
FT-RMSME-1X2-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 2	\$128.35
FT-RMSME-1X4-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 4	\$136.75
FT-RMSME-1X8-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 8	\$153.55
FT-RMSME-1X16-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 16	\$230.16
FT-RMSME-1X4-ST	PLC-Splitter-Rack-Mountable 19", ST, SM, 1 x 4	\$136.75



Fiber Optic Splitters, Box Modules (with Connectors)

Models	Description	Price
FT-SBMSE-1X2-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 2, 1.5M	\$82.32
FT-SBMSE-1X4-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 4, 1.5M	\$89.04
FT-SBMSE-1X8-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 8, 1.5M	\$104.16

Fiber Optic Splitters, Box Modules (with Connectors)

Models	Description	Price
FT-SBMSE-1X16-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 16, 1.5M	\$174.72
FT-SBMSE-1X2-FC	PLC-Splitter-Box Module, FC, SM, 1 x 2, 1.5M	\$80.64
FT-SBMSE-1X4-SC	PLC-Splitter-Box Module, SC, SM, 1 x 4, 1.5M	\$87.36

Fiber Optic Splitters with Wall Box Enclosures

Models	Description	Price
FT-SWBSME-1X2-SCAPC	PLC-Splitter-Wall-Box, SC/APC, SM, 1 x 2	\$160.94
FT-SWBSME-1X4-SCAPC	PLC-Splitter-Wall-Box, SC/APC, SM, 1 x 4	\$169.68
FT-SWBSME-1X8-SCAPC	PLC-Splitter-Wall-Box, SC/APC, SM, 1 x 8	\$186.48



Fiber Optic Patch Panels with Integrated Splice Tray

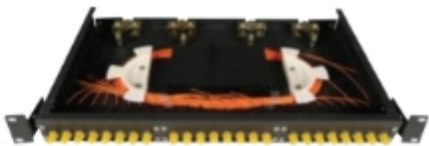
19" Rack Mountable Fiber Optic Patch Panels, 1 RU, Single-Mode

Models	Description	Price
FT-PPRMSM-12-SCAPC	SC/APC 12 Port, SM Simplex, (with SC/APC SM Simplex Adapter & Pigtail x12)	\$94.78
FT-PPRMSM-24-SCAPC	SC/APC 24 Port, SM Simplex, (with SC/APC SM Simplex Adapter & Pigtail x24)	\$143.36



19" Rack Mountable Fiber Optic Patch Panels, 1 RU, Multi-Mode

Models	Description	Price
FT-PPRMMM-12-SC	SC 12 Port, MM Simplex, (with SC MM Simplex Adapter & 50/125 Pigtail x12)	\$84.00
FT-PPRMMM-24-SC	SC 24 Port, MM Simplex, (with SC MM Simplex Adapter & 50/125 Pigtail x24)	\$122.08
FT-PPRMMM-12-LC	LC 12 Port, MM Simplex, (with LC MM Simplex Adapter & 50/125 Pigtail x12)	\$95.02
FT-PPRMMM-12-ST	ST 12 Port, MM Simplex, (with ST MM Simplex Adapter & 50/125 Pigtail x12)	\$84.84
FT-PPRMMM-24-ST	ST 24 Port, MM Simplex, (with ST MM Simplex Adapter & 50/125 Pigtail x24)	\$123.76



Pre-Terminated Long Fiber Optic Cables

Single-Mode, Simplex, SC-APC Connections

Models	Description	Price
FT-SMJ-SX-SC-APC-50M	Single-Mode, Simplex, 3.0mm Core Diameter, SC-APC to SC-APC, 50 Meter	\$23.11
FT-SMJ-SX-SC-APC-100	Single-Mode, Simplex, 3.0mm Core Diameter, SC-APC to SC-APC, 100 Meter	\$38.79
FT-SMJ-SX-SC-APC-200	Single-Mode, Simplex, 3.0mm Core Diameter, SC-APC to SC-APC, 200 Meter	\$70.15

Single-Mode, Duplex, SC-APC Connections

Models	Description	Price
FT-SMJ-DX-SC-APC-50M	Single-Mode, Duplex, 3.0mm Core Diameter, SC-APC to SC-APC, 50 Meter	Call for Pricing
FT-SMJ-DX-SC-APC-100	Single-Mode, Duplex, 3.0mm Core Diameter, SC-APC to SC-APC, 100 Meter	\$77.59
FT-SMJ-DX-SC-APC-200	Single-Mode, Duplex, 3.0mm Core Diameter, SC-APC to SC-APC, 200 Meter	\$140.31

Single-Mode, Simplex, SC-UPC Connections

Models	Description	Price
FT-SMJ-SX-SC-UPC-50M	Single-Mode, Simplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 50 Meter	\$23.11
FT-SMJ-SX-SC-UPC-100	Single-Mode, Simplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 100 Meter	\$38.79
FT-SMJ-SX-SC-UPC-200	Single-Mode, Simplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 200 Meter	\$70.15

Single-Mode, Duplex, SC-UPC Connections

Models	Description	Price
FT-SMJ-DX-SC-UPC-50M	Single-Mode, Duplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 50 Meter	Call for Pricing
FT-SMJ-DX-SC-UPC-100	Single-Mode, Duplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 100 Meter	\$77.59
FT-SMJ-DX-SC-UPC-200	Single-Mode, Duplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 200 Meter	\$140.22

Single-Mode, Duplex, LC-UPC Connections

Models	Description	Price
FT-SMJ-DX-LC-UPC-30M	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 30 Meter	\$25.70
FT-SMJ-DX-LC-UPC-100	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 100 Meter	\$77.50
FT-SMJ-DX-LC-UPC-200	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 200 Meter	\$140.22
FT-SMJ-DX-LC-UPC-300	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 300 Meter	\$202.94

Single-Mode, Duplex, ST-UPC Connections

Models	Description	Price
FT-SMJ-DX-ST-UPC-100	Single-Mode, Duplex, 3.0mm Core Diameter, ST-UPC to ST-UPC, 100 Meter	\$42.08

Multi-Mode, Simplex, SC-UPC Connections

Models	Description	Price
FT-MMJ6-SX-SC-UPC-50M	Multi-Mode, Simplex, 62.5-125 Micron, 3.0mm Core Diameter, 50 Meter	Call for Pricing

Multi-Mode, Duplex, SC-UPC Connections

Models	Description	Price
FT-MMJ6-DX-SC-UPC-50M	Multi-Mode, Duplex, 62.5-125 Micron, 3.0mm Core Diameter, 50 Meter	Call for Pricing
FT-MMJ6-DX-SCUPC-100M	Multi-Mode, Duplex, 62.5-125 Micron, 3.0mm Core Diameter, 100 Meter	

**Specialty Fiber Jumpers Made to Meet Your Individual Specifications Also Available.
Contact One of Our Sales Engineers For More Information.**

Fiber Optic Jumper Cables



Single-Mode, Simplex, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
FC-APC - FC-APC	FT-SMJ-SX-FC-APC-1M	\$4.65	FT-SMJ-SX-FC-APC-2M	\$4.82	-	-	-	-
LC-UPC - LC-UPC	FT-SMJ-SX-LC-LC-1M	\$4.91	FT-SMJ-SX-LC-LC-2M	\$5.54	FT-SMJ-SX-LC-LC-5M	\$5.58	FT-SMJ-SX-LC-LC-10M	\$7.28
LC-UPC - SC-UPC	FT-SMJ-SX-LC-SC-1M	\$5.29	FT-SMJ-SX-LC-SC-2M	\$5.52	FT-SMJ-SX-LC-SC-5M	\$6.16	FT-SMJ-SX-LC-SC-10M	\$7.25
SC-APC - SC-APC	FT-SMJ-SX-SC-APC-1M	\$4.26	FT-SMJ-SX-SC-APC-2M	\$4.43	FT-SMJ-SX-SC-APC-5M	\$4.95	FT-SMJ-SX-SC-APC-10M	\$5.81
SC-UPC - SC-UPC	FT-SMJ-SX-SC-UPC-1M	\$4.21	FT-SMJ-SX-SC-UPC-2M	\$4.39	-	-	-	-

Single-Mode, Duplex, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
FC-APC - FC-APC	-	-	FT-SMJ-DX-FC-APC-2M	\$9.65	-	-	-	-
LC-UPC - LC-UPC	FT-SMJ-DX-LC-LC-1M	\$18.87	FT-SMJ-DX-LC-LC-2M	\$20.04	FT-SMJ-DX-LC-LC-5M	\$20.44	FT-SMJ-DX-LC-LC-10M	\$23.80
LC-UPC - SC-UPC	FT-SMJ-DX-LC-SC-1M	\$10.58	-	-	FT-SMJ-DX-LC-SC-5M	\$12.32	FT-SMJ-DX-LC-SC-10M	\$14.50
LC-UPC - ST-UPC	-	-	-	-	-	-	-	-
SC-APC - SC-APC	FT-SMJ-DX-SC-APC-1M	\$8.52	-	-	-	-	FT-SMJ-DX-SC-APC-10M	\$11.62
SC-UPC - SC-UPC	FT-SMJ-DX-SC-UPC-1M	\$8.42	-	-	-	-	-	-
SC-UPC - ST-UPC	FT-SMJ-DX-SC-ST-1M	\$10.24	FT-SMJ-DX-SC-ST-2M	\$10.64	-	-	-	-

Multi-Mode, Duplex, 62.5/125 Micron, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
LC-UPC - SC-UPC	-	-	-	-	FT-MMJ6-DX-LC-SC-5M	\$12.09	FT-MMJ6-DX-LC-SC-10M	\$15.45
LC-UPC - ST-UPC	FT-MMJ6-DX-LC-ST-1M	\$9.07	-	-	-	-	-	-

Multi-Mode, Duplex, 50/125 Micron, 10Gb LOMMF Aqua Fiber, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
LC-UPC - LC-UPC	FT-MMJ5A-DX-LC-LC-1M	\$10.69	FT-MMJ5A-DX-LC-LC-2M	\$12.09	FT-MMJ5A-DX-LC-LC-5M	\$16.12	-	-

Fiber Optic Cable, Single Mode, Simplex, 2 SC/APC Connections, 5 Meter Length

Premade five-meter length single mode fiber optic cable with SC/APC connections and a 2.0 mm riser rated core diameter. Model No. SCA2-SMS-05.....\$6.29



Fiber Optic Adapters



Fiber Optic Adapters

Models	Description	Price
FT-FC-APC	Fiber optic adapter, FC-APC Female to FC-APC Female	\$1.68
FT-SC-APC	Fiber optic adapter, SC-APC Female to SC-APC Female	\$1.68
FT-ST	Fiber optic adapter, ST-UPC Female to ST-UPC Female	\$1.68
FT-SC-APC-LC-APC	Fiber optic adapter, SC-APC Female to LC-APC Female	\$36.40
FT-ST-UPC-LC-UPC	Fiber optic adapter, ST-UPC Female to LC-UPC Female	\$36.40

Fiber Optic Attenuators



SC-APC Female to SC-APC Male Fiber Optic Attenuators

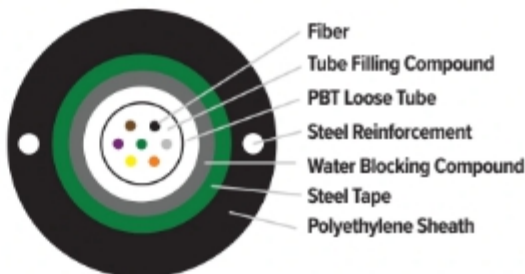
Models	dB	Price
FT-FOATT-MF-SC-APC-1	1	\$15.40
FT-FOATT-MF-SC-APC-3	3	\$15.40
FT-FOATT-MF-SC-APC-5	5	\$15.40

2, 4 & 6 Core Outdoor Fiber Optic Cables

Single-Mode, Unitube, Loose Tube, Light Armored Fiber Optic Cables

Features

- Loose tube positioned in the center of the cable to protect strands and improve bend radius.
- Small diameter, light weight.
- Hydrolysis resistant, high strength loose tube.
- Special tube filling compound ensures protection of fiber strands.
- PSP and PE Sheath enhances cable crush resistance, impact resistance and moisture proofing.
- Two parallel steel wires increase tensile strength.
- Footage marked jacket.
- 2,000 Meter full spools or custom lengths available.



2, 4 & 6 Core Outdoor Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-2ULT-2000	2 Core, Single Mode, unitube, loose tube, light armored	Call for Pricing
FT-SM-4ULT-2000	4 Core, Single Mode, unitube, loose tube, light armored	
FT-SM-6ULT-2000	6 Core, Single Mode, unitube, loose tube, light armored	

2, 4 & 6 Core Outdoor Fiber Optic Cables - Per Meter

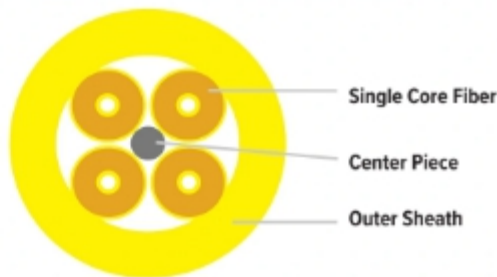
Models	Description	Price
FT-SM-2ULT-1	2 Core, Single Mode, unitube, loose tube, light armored	Call for Pricing
FT-SM-4ULT-1	4 Core, Single Mode, unitube, loose tube, light armored	
FT-SM-6ULT-1	6 Core, Single Mode, unitube, loose tube, light armored	
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.		

Single-Mode Indoor Fiber Optic Cables

Single-Mode Indoor Bundled Fiber Optic Cables

Features

- Typically used for inside wiring.
- Small diameter, light weight.
- Center strengthening member.
- 2,000 Meter full spools or custom lengths available.



Single-Mode Indoor Bundled Fiber Optic Cables

Models	Description	Price
FT-SM-4CWC-2000	Four Core, Single-mode, 3.0mm, normal yarn	\$3,357.76/2000 Meter Roll
FT-SM-4CWC-1		\$1.67/meter*

*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

NACE Offers Custom Connectorized Fiber Optic Cable

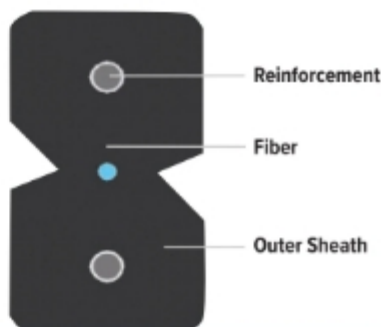
- Custom fiber optic cables cut to length for your specific job
- Professionally spooled
- Single-Mode or Multi-Mode
- Single strand or Multiple strands
- Many different jacket types available
- With or without connectors of choice
- Tested before shipping
- Quick turn around time

For more information
Call 800-688-9282

Single-Mode Indoor Strengthened Fiber Optic Cables

Features

- FRP Strength member increases crush resistance
- Typically used for inside wiring
- Specifically designed for FTTH (Fiber To The Home) applications
- Small diameter, light weight.
- Suitable for indoor conduit and careful non conduit pulls
- Designed with tight buffer material for use with most standard connectors.
- 2,000 Meter full spools or custom lengths available.



Single-Mode Indoor Butterfly Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SMSB-LSZHM-1-2000	Simplex Core, Single-Mode	\$379.00
FT-SMDB-LSZHM-1-2000	Duplex Core, Single-Mode	\$471.74

Single-Mode Indoor Butterfly Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SMSB-LSZHM-1-1	Simplex Core, Single-Mode	\$191/meter*
FT-SMDB-LSZHM-1-1	Duplex Core, Single-Mode	\$241/meter*

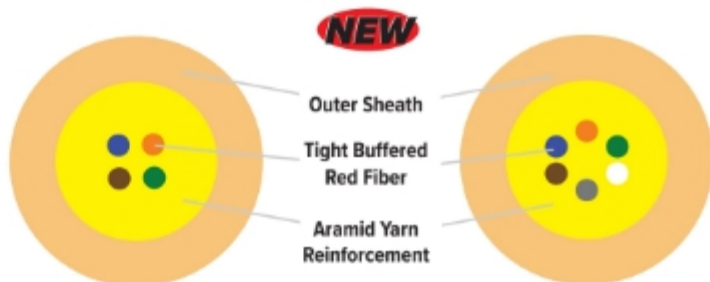
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

4 Core Single-Mode Indoor Bundled Fiber Optic Cables

Single-Mode, Multiple Core, Fiber Optic Cables

Features

- Typically used for inside wiring, especially used as distribution cable
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- High strength aramid yarn, ensures tension-resistance and long term stability in transmission.
- Available in lengths of 1000 ft, 2000 ft or 2000 meters



Single-Mode, Multiple Core, Fiber Optic Cables - 2000 Meters

Models	Description	2000 Feet Price
FT-SM-4CB-2000M	Four Core, Single-Mode, 4.8mm, aramid yarn	Call for Pricing
FT-SM-6CB-2000M	Six Core, Single-Mode, 5.0, aramid yarn	

Single-Mode, Multiple Core, Fiber Optic Cables - 2000 Feet

Models	Description	2000 Feet Price
FT-SM-4CB-2000ft	Four Core, Single-Mode, 4.8mm, aramid yarn	Call for Pricing
FT-SM-6CB-2000ft	Six Core, Single-Mode, 5.0, aramid yarn	

Single-Mode, Multiple Core, Fiber Optic Cables - 1000 Feet

Models	Description	1000 Feet Price
FT-SM-4CB-1000ft	Four Core, Single-Mode, 4.8mm, aramid yarn	Call for Pricing
FT-SM-6CB-1000ft	Six Core, Single-Mode, 5.0, aramid yarn	

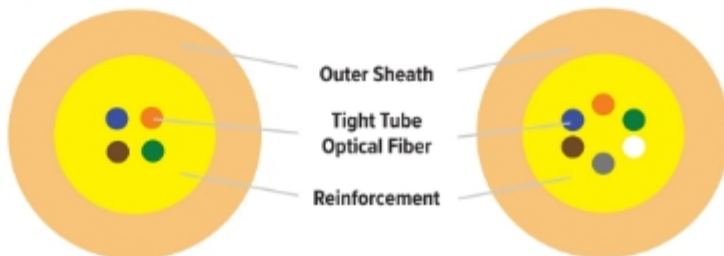
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4 & 6 Core Single-Mode Indoor Bundled Fiber Optic Cables

Single-Mode, Multiple Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or Kevlar yarn
- 2,000 Meter full spools or custom lengths available.



Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-4CB-2000	Four Core, Single-Mode, 3.0mm, normal yarn	\$1,611.21
FT-SM-6CB-2000	Six Core, Single-Mode, 3.0mm, normal yarn	\$1,341.76
FT-SM-4CB-K-2000	Four Core, Single-Mode, 3.0mm, Kevlar yarn	\$1,693.44
FT-SM-6CB-K-2000	Six Core, Single-Mode, 3.0mm, Kevlar yarn	\$2,000.00

Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SM-4CB-1	Four Core, Single-Mode, 3.0mm, normal yarn	\$.58/meter*
FT-SM-6CB-1	Six Core, Single-Mode, 3.0mm, normal yarn	\$.67/meter*
FT-SM-4CB-K-1	Four Core, Single-Mode, 3.0mm, Kevlar yarn	\$.85/meter*
FT-SM-6CB-K-1	Six Core, Single-Mode, 3.0mm, Kevlar yarn	\$1.00/meter*

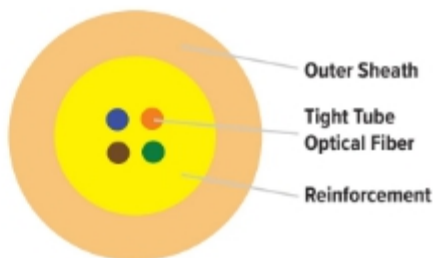
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

4 Core Multi-Mode Indoor Bundled Fiber Optic Cables

Multi-Mode, Multiple Core, Fiber Optic Cables

Features

- Typically used for inside wiring
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or Kevlar yarn
- 2,000 Meter full spools or custom lengths available.



Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-MM50-4CB-2000	Four Core, Multi-Mode, 50/125, normal yarn	\$1,834.56
FT-MM50-4CB-K-2000	Four Core, Multi-Mode, 50/125, Kevlar yarn	\$2,358.72
FT-MM62.5-4CB-2000	Four Core, Multi-Mode, 62.5/125, normal yarn	Call for Pricing
FT-MM62.5-4CB-K-2000	Four Core, Multi-Mode, 62.5/125, Kevlar yarn	\$2,358.72

Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-MM50-4CB-1	Four Core, Multi-Mode, 50/125, normal yarn	\$.92/meter*
FT-MM50-4CB-K-1	Four Core, Multi-Mode, 50/125, Kevlar yarn	\$1.18/meter*
FT-MM62.5-4CB-1	Four Core, Multi-Mode, 62.5/125, normal yarn	Call for Pricing
FT-MM62.5-4CB-K-1	Four Core, Multi-Mode, 62.5/125, Kevlar yarn	\$1.18/meter*

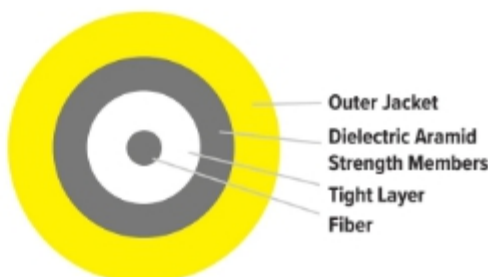
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

Single Strand Indoor Fiber Optic Cables

Single-Mode, Simplex Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring or patch cords
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or Kevlar yarn
- 2,000 Meter full spools or custom lengths available.

Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-1-2000	Simplex Core, Single Mode, 3.0mm, normal yarn	Call for Pricing
FT-SM-1-K-2000	Simplex Core, Single Mode, 3.0mm, Kevlar yarn	
FT-SMSB-LSZH-1-2000	Simplex Core, Single Mode, 3.0mm, normal yarn	\$379.00

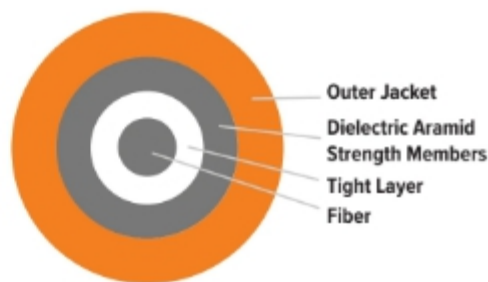
Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SM-1-1	Simplex Core, Single-Mode, 3.0mm, normal yarn	Call for Pricing
FT-SM-1-K-1	Simplex Core, Single Mode, 3.0mm, Kevlar yarn	
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.		

Multi-Mode, Simplex Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring or patch cords
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or Kevlar yarn
- Available in 50/125 or 62.5/125 Micron versions
- 2,000 Meter full spools or custom lengths available.

Multi-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables- 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-MM50-1-2000	Simplex Core, Multi Mode, 3.0mm, 50/125 micron, normal yarn	Call for Pricing
FT-MM50-1-K-2000	Simplex Core, Multi Mode, 3.0mm, 50/125 micron, Kevlar yarn	
FT-MM62.50-1-K-2000	Simplex Core, Multi Mode, 3.0mm, 62.5/125 micron, Kevlar yarn	\$435.45

Multi-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-MM50-1-1	Simplex Core, Multi Mode, 3.0mm, 50/125 micron, normal yarn	Call for Pricing
FT-MM62.50-1-1	Simplex Core, Multi Mode, 3.0mm, 62.5/125 micron, normal yarn	
FT-MM50-1-K-1	Simplex Core, Multi Mode, 3.0mm, 50/125 micron, Kevlar yarn	
FT-MM62.50-1-K-1	Simplex Core, Multi Mode, 3.0mm, 62.5/125 micron, Kevlar yarn	
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.		

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Item No.	Description	Price
8401	6" Y Adapter Audio Cable, Dual RCA Male to Single RCA Female, Black	\$1.09
8402	6" Y Adapter Audio Cable, Single RCA Male to Dual RCA Female, Black	\$1.09
105020	Data Connector, Shielded CAT5E/6 with Internal Ground, EZ-RJ45 Modular RJ45 Plug, 8 Pin / 8 Position, Bag of 100	\$139.00/100
110101	Coaxial Dual RG6 Cable, Swept To 3,000 MHz, Bare Copper Center Conductor, Dual Shield, 60% Aluminum Braiding, Black 500' Reel	\$2.00
130011	Non-Penetrating Roof Mount, For Compatible 2" Outer Dia. DBS, Antenna Models, Flat Surface Mode	\$119.00
240016	Wall Mount for LCD TVs, 13-42"	\$6.00
DTV PHONE CABLE	CAT3 4C Telephone Interconnect Cable, Exclusive To DIRECTV Services 6' Length, Silver Satin Line Cord, with Modular Ends	Call for Pricing
100020C	Data Connector, Shielded CAT5E/6 with Internal Ground, EZ-RJ45 Modular RJ45 Plug, 8 Pin / 8 Position, Bag of 50	\$71.39/50
10517C	Scissor Run Electricians Scissors, 5", Cuts Foil, Kevlar, And Wire	\$18.59
10540C	Cable Cutter Tool, BTC-20, Cuts Stranded or Solid Wire Up To 2/0	\$26.89
106192C	Data Connector, CAT6A RJ45 Shielded Modular Plug, 10 Gbps, 8 Pin / 8 Position, with Liner, Solid Three Prong, Bag of 50	\$63.69
107-2311-BK-RB	Coaxial RG6 Cable, Swept To 3,000 MHz, Bare Copper Center Conductor, Dual Shield, 60% Aluminum Braiding, Black 1,000' Reel-In-Box	\$139.90
10A3-042HF	Audio Interconnect Cable, Y Adapter, Single 3.5 mm Stereo Male / Plug to Dual RCA Stereo Female Jack, Black	\$0.99
10X6-6A407-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Blue	\$3.39
10X6-6A410-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 10' Length, Blue	\$4.19
10X6-6A425-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 25' Length, Blue	\$8.49
10X6-6A450-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 50' Length, Blue	\$15.39
11X5-A2407	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Blue	\$1.49
11X6-22101	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1' Length, Gray	\$1.09
11X6-22103	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Gray	\$1.49
11X6-22203	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Black	\$1.49
11X6-22205	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Black	\$1.69
11X6-22207	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Black	\$2.19
11X6-22305	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Green	\$1.69
11X6-22401	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors 1 Length, Blue	\$1.09
11X6-22403	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Blue	\$1.49
11X6-22407	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Blue	\$2.19
11X6-22501	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1' Length, Red	\$1.09
11X6-22503	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Red	\$1.49
11X6-22505	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Red	\$1.69
11X6-22507	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Red	\$2.19
11X6-22603	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Yellow	\$1.49
11X6-22607	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Yellow	\$2.19
11X6-22803	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, White	\$1.49
11X6-22805	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, White	\$1.69
11X6-22807	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, White	\$2.19
12503C	Network Cable Modular Plug Crimping Tool, All in One Modular Plug Crimp Tool for RJ45/RJ11/RJ22/RJ25 Handset	\$31.59
13307C	Network Cable Punch Down Tool, CAT3/5E/CAT6 Compatible, Includes Never Dull 110 And 66 Blades	\$39.99
200-279	Coaxial Cabling Dual Input Grounding Block, 3 GHz Rated, Dual Ground Lugs	\$0.99
24LJ4540 (B)	Television, LED, 23.6" Diagonal Rating, High Definition Up To 720p, Non-Pro: Idiom, HDMI Input	\$185.00
255-038	Audio Interconnect Cable, Y Adapter, Single 3.5 mm Stereo Male / Plug to Dual RCA Stereo Female Jack, 6' Length, Black	\$0.99
3A-502DA22	24V 208A Power Supply, Switching Mode, 21mm DC Jack	\$27.00
3KAVE2R7	QAM Modulator/Encoder, HDBridge3000, 720p Component/VGA, Chassis Required	\$995.00
3KAVE2RH	QAM Modulator/Encoder, HDBridge3000, 1080i/1080p Component/VGA, Chassis Required	\$1,226.98
501-00094	Mimosa US Power Cord for Mimosa 502-00025	\$4.85
5016-CM	Outdoor Off-Air Antenna, Broadband VHF/UHF/FM, 15 Elements, 50" Boom	\$139.00
502-00025	Mimosa 24V DC Passive PoE Power Supply for C5x, Gigabit Ethernet	\$19.00
5020-CM	Outdoor Off-Air Antenna, Broadband VHF/UHF/FM, 28 Elements, 109" Boom	\$189.00
625TRB	CATV Trunk Coaxial Cable Adapter, K5 Housing Termination Adapter	\$6.19
68RK-P6000-24	24-Port Cat 6/5E Network Patch Panel, 19" Rack Mount, 110 Type, T568A/B Compatible, 50-Micron Gold-Plated Contacts for Signal Integrity	\$39.99
AC1602R	Multiconductor Cable, Audio Wire, 16 AWG/2 Conductor, Non-Shielded, Non-Plenum, White, 500' Pull Box	\$120.00
AEP-REMOTE-PRM	Premium Backlit Remote Control for UCW4026MCS AEP1 Set-Top Box, Vantiva	\$0.01
AEP-REMOTE-STD2	Basic Infrared Remote Control for UCW4026MCS AEP1 Set-Top Box, Vantiva	\$7.19
AF-5911G	CATV Audio Video Adapter, F Type Terminator Cap, Non-DC Passing Model, 3,000 MHz Rated, Bag of 100	\$25.00
AF-81CB	CATV Audio Video Adapter, F Type Threaded Dual Female Splice, 3,000 MHz Rated, Bag of 100	\$39.99
BAVM860SAW-10	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 10	\$159.00
BAVM860SAW-11	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 11	\$159.00
BAVM860SAW-F	Fixed Channel SD Modulator, Commercial Grade, CATV Channel F/19	\$159.00
BAVM860SAW-I	Fixed Channel SD Modulator, Commercial Grade, CATV Channel I/22	\$159.00
BAVM860SAW-II	Fixed Channel SD Modulator, Commercial Grade, CATV Channel II/45	\$159.00
BAVM860SAW-KK	Fixed Channel SD Modulator, Commercial Grade, CATV Channel KK/47	\$159.00

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Item No.	Description	Price
BAVM8605AW-QQ	Fixed Channel SD Modulator, Commercial Grade, CATV Channel QQ/53	\$159.00
BAVM8605AW-V	Fixed Channel SD Modulator, Commercial Grade, CATV Channel V/35	\$159.00
C6-BK-03-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3', Black	\$1.49
C6-BL-05-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5', Blue	\$1.89
C6-PU-03-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3', Purple	\$1.49
C6-WH-07-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7', White	\$2.19
CAT5E-BLACK	CAT5E 4PR/BC Network Cable, Black Jacket, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$154.90
CAT5E-BLUE	CAT5E 4PR/BC Network Cable, Blue Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$154.90
CAT5E-GRAY	CAT5E 4PR/BC Network Cable, Gray Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$154.90
CAT5E-GREEN	CAT5E 4PR/BC Network Cable, Green Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$154.90
CAT5E-YELLOW	CAT5E 4PR/BC Network Cable, Yellow Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$154.90
CAT6-B	CAT6 4PR/BC Network Cable, Blue Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CAT6-BLK	CAT6 4PR/BC Network Cable, Black Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CAT6-GREEN	CAT6 4PR/BC Network Cable, Green Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CAT6-GY	CAT6 4PR/BC Network Cable, Gray Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CAT6-OR	CAT6 4PR/BC Network Cable, Orange Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CAT6-WHT	CAT6 4PR/BC Network Cable, White Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CAT6-YELLOW	CAT6 4PR/BC Network Cable, Yellow Jack, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$185.90
CT-78	Coaxial Cable RG59/IG6 Flexible Plastic Mounting Clip, For Single Coaxial Cable, Black Plastic Housing Color, Masonry Nail Fastener, Bag of 100	\$2.00
CDA-1P	Broadband Residential CATV Amplifier, +135dB Gain, 5-1000MHz, Wall Mount	\$34.99
CPLCCT-559-11	Coaxial Cable Compression Crimping Tool, For RG59/6/7/11 Compatible Compression Connectors	\$175.00
CPLCRBC-BR	Coaxial Cable Radial Crimping Tool, For RG59/6 Compatible Radial and Double Bubble Multimedia Connectors	\$173.00
CR3BCB-H	Antimicrobial Remote Control, Big Buttons, Pre-Set for Samsung, LG, RCA, One-Touch Setup for 250+ Brands, Healthcare & Hospitality	\$9.09
CT-8PK-H25	Custom Rack Mount Shelf for up to 8 DIRECTV H25 Receivers, Black	\$100.78
CT-8PK-STRAIGHT-BAR	Custom Rack Mount Shelf Retention Bar, Prevents Tip and Component Spill Out, 19" W, Black Finish	\$4.00
CT-AAM16-HDIN	16 HDMI Input, 16 Agile Channel Output Encoder, Rackmount	\$1,599.00
CT-A-V-HD-MINI	Composite A/V to HDMI Converter, RCA Input, HDMI Output	\$25.76
CT-D12-MP	Multi-Receiver Power Wiring Harness for 8 DIRECTV Units	\$7.99
CT-DLM-CABLE	PC Interconnect Cable for CT-DLM8700 CATV QAM/ATSC Analyzer	\$11.20
CT-FAN3-QTRK-B	Headend Fan Ventilation Panel, 175", Rackmount, Black	\$171.99
CT-FMM-A	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel A/14	\$129.00
CT-FMM-A2	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel A2/98	\$129.00
CT-FMM-A3	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel A3/97	\$129.00
CT-FMM-AAA	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel AAA/63	\$129.00
CT-FMM-BBB	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel BBB/64	\$129.00
CT-FMM-CCC	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel CCC/65	\$129.00
CT-FMM-D	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel D/7	\$129.00
CT-FMM-DDD	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel DDD/66	\$129.00
CT-FMM-EEE	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel EEE/67	\$129.00
CT-FMM-FFF	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel FFF/68	\$129.00
CT-FMM-GGG	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel GGG/69	\$129.00
CT-FMM-S	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel S/32	\$129.00
CT-KEY-3.5MM	Keystone Modular Wall plate Insert, 3.5 mm Audio Video Insert, White Housing	\$2.34
CT-KEY-CAT3	Keystone Modular Wall plate Insert, Category 3 Voice Insert, White Housing	\$1.44
CT-KEY-FINS-IV	Keystone Modular Wallplate Insert, F 75-ohm RF, Ivory	\$0.66
CT-MBP22X22	Mesh Equipment Mounting Plate, Metallic, Wall Mount or Housing Mount, 22" x 22"	\$139.99
CT-PLB-41E-B	TV/Monitor Wall Mount, Flush Mount, 37-70", Black	\$26.86
CTRC-HARNES	Chassis Mount Power Supply Wiring Harness for 12 Modular Headend Devices	\$39.00
CT-RG59CF	Coaxial Cable F-Male Connector, RG59 Compression Type, Compatible with Dual /Tri Shield Coaxial Cable Types, Non-Plenum Rated, Bag of 100	\$66.08
CT-SAWB60-100	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 100	\$159.00
CT-SAWB60-101	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 101	\$159.00
CT-SAWB60-103	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 103	\$159.00
CT-SAWB60-108	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 108	\$159.00
CT-SAWB60-109	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 109	\$159.00
CT-SAWB60-110	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 110	\$159.00
CT-SAWB60-112	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 112	\$159.00
CT-SAWB60-113	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 113	\$159.00
CT-SAWB60-114	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 114	\$159.00
CT-SAWB60-115	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 115	\$159.00
CT-SAWB60-117	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 117	\$159.00
CT-SAWB60-118	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 118	\$159.00

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Item No.	Description	Price
CT-SAWB60-119	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 119	\$159.00
CT-SAWB60-120	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 120	\$159.00
CT-SAWB60-122	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 122	\$159.00
CT-SAWB60-125	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 125	\$159.00
CT-SAWB60-126	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 126	\$159.00
CT-SAWB60-127	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 127	\$159.00
CT-SAWB60-89	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 89	\$159.00
CT-SAWB60-94	Fixed Channel SD Modulator, Commercial Grade, CATV Channel 94	\$159.00
CT-SAWB60-A5	Fixed Channel SD Modulator, Commercial Grade, CATV Channel A5/95	\$159.00
CT-SAWB60-AAA	Fixed Channel SD Modulator, Commercial Grade, CATV Channel AAA/63	\$159.00
CT-SAWB60-BB	Fixed Channel SD Modulator, Commercial Grade, CATV Channel BB/38	\$159.00
CT-SAWB60-BBB	Fixed Channel SD Modulator, Commercial Grade, CATV Channel BBB/64	\$159.00
CT-SAWB60-CC	Fixed Channel SD Modulator, Commercial Grade, CATV Channel CC/39	\$159.00
CT-SAWB60-DD	Fixed Channel SD Modulator, Commercial Grade, CATV Channel DD/40	\$159.00
CT-SAWB60-NN	Fixed Channel SD Modulator, Commercial Grade, CATV Channel NN/50	\$159.00
CT-SAWB60-RR	Fixed Channel SD Modulator, Commercial Grade, CATV Channel RR/54	\$159.00
CT-SAWB60-RRR	Fixed Channel SD Modulator, Commercial Grade, CATV Channel RRR/80	\$159.00
CT-SAWB60-SS	Fixed Channel SD Modulator, Commercial Grade, CATV Channel SS/55	\$159.00
CT-SAWB60-TT	Fixed Channel SD Modulator, Commercial Grade, CATV Channel TT/56	\$159.00
CT-SAWB60-UU	Fixed Channel SD Modulator, Commercial Grade, CATV Channel UU/57	\$159.00
CT-SAWB60-VV	Fixed Channel SD Modulator, Commercial Grade, CATV Channel VV/58	\$159.00
CT-STB-DVR	Set Top Box External Digital QAM Tuner, With DVR, QAM/ATSC	\$25.00
CT-STB-DVR-RC	Learning Remote for CT-STB-DVR Set-Top Box	\$6.70
CTSP-F	Coaxial Surge Suppressor, Inline Model, 54-100 MHz	\$4.99
DCL-424	Wideband/L-Band RF Coax Coupler, 10-2150MHz, Quad 24dB Taps	\$8.39
DG670A (R)	DOCSIS Dual Band Concurrent Wireless Data Gateway / Cable Modem with MOCA, Refurbished / Reconditioned Product	\$39.99
DRE-DUAL16R0-03	Wideband DRE Tap / Directional Coupler, 16 dB Dual Tap-Off Value, T-Style, 2-1,650 MHz, Coaxial Connections, Exclusive To DRE	\$11.99
DRE-IR-PASSLGL-06	IR Cable, DRE Target, RS232 Infrared Target, For DIRECTV DRE Properties, For Televisions with RS-232 IR Control	\$4.39
DT-HDIPSS	IP Streaming Server, HD 1080p, MPEG-2/4, Desktop Mode	\$999.00
DT-SFP-GIG-T	SFP Transceiver, Copper RJ45, 1000 Base-T, Cat5e/6, Gigabit Ethernet	\$34.00
DT-USB-DECORA-WH	USB Charging Wall plate, Dual AC Outlet Feed-Through Openings, Single Gang Plate, Decora Style, White Finish Color	\$0.85
DT-USBWP-DUAL-15A-WH	USB Charging Wall plate, Dual AC Outlet Feed-Through Openings, Single Gang Plate, Non-Decora Style, White Finish Color	\$0.85
DT-USBWP-DUAL-20A-WH	USB Charging Wall plate, Dual AC Outlet Feed-Through Openings, Single Gang Plate, Non-Decora Style, White Finish Color	\$0.85
DT-WEB-CAM-AUTOPAN-***	ZMP Auto Tracking Webcam, Color available: Black or White	\$76.16
EREN3FANKIT	Headend Triple Fan Ventilation Panel, 5.25" Height, Rackmount, Black Finish Color	\$121.00
ET-1	Electrical Tape, Black, 60', 3/4" Width	\$1.39
EX6XL	Coaxial Cable F Connector, RG6 Universal Compression Type, Dual Shield through Quad Shield Compatible, Non-Plenum Rated, Bag of 50	\$29.50
FAMP-***HR	Inline Coax Wideband Attenuator Pad, Power-Passing, DC-3,000 MHz (3, 10 dB Optional available)	\$2.19
FANCORD-4X1	Multiple Fan Power Cord, Powers 4 Compatible Fans with One Power Cord	\$23.50
FT-EMC-PS-2.5A	48V 25A Power Supply for PoE Media Converter Kits	\$52.64
FT-EMC-SFP-16-LC-DX	SFP Optical Transceiver, LC Duplex, Single Mode, RJ45 Compatible	\$60.76
FT-FOATT-MF-ST-1	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 1dB	\$15.40
FT-FOATT-MF-ST-10	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 10 dB	\$15.40
FT-FOATT-MF-ST-2	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 2 dB	\$15.40
FT-FOATT-MF-ST-3	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 3 dB	\$15.40
FT-FOATT-MF-ST-5	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 5 dB	\$15.40
FT-FOATT-ST-10	Inline Optical Fixed Value Attenuator, ST/UPC Female Connections, 10 dB	\$4.76
FT-FOVATT-FC	Inline Optical Variable Value Attenuator, FC/UPC Female Connections, -5-30 dB Variable Attenuation Range	\$42.00
FT-FOVATT-ST	Inline Optical Variable Value Attenuator, ST/UPC Female Connections, -5-30 dB Variable Attenuation Range	\$42.00
FT-FTX-10-FCAPC	CATV Optical Transmitter, FC/APC, 10dB Laser, 47-860MHz, Rackmount	\$1,678.88
FT-MM50-1-2000	Bulk Fiber Optic Cable, Multi-Mode, Single Simplex, Normal Yarn, 2000m Reel	\$314.49
FT-MM50-1-K-2000	Bulk Fiber Optic Cable, Multi-Mode, Single Simplex, Kevlar Yarn, 2000m Reel	\$435.45
FT-MM62-50-1-2000	Bulk Fiber Optic Cable, Multi-Mode, Single Simplex, Normal Yarn, 2000m Reel	\$314.49
FT-MM62-50-1-2000	Fiber Optic Cable, Bulk Reel, Multi-Mode, Single Simplex Core / Strand, Normal Yarn, 2,000 Meter Reel	\$314.49
FT-PEK-1	Fiber Optic Cable Pulling Eye Kit	\$25.00
FT-PPRMM-12-FC	Optical Patch Panel, Multimode, 12 Ports, Simplex, Rackmount, FC	\$88.20
FT-PPRMM-24-FC	Optical Patch Panel, Multimode, 24 Ports, Simplex, Rackmount, FC	\$128.80
FT-PPRMM-24-LC	Optical Patch Panel, Multimode, 24 Ports, Simplex, Rackmount, LC	\$145.04
FT-PPRMS-12-FC	Optical Patch Panel, Single Mode, 12 Ports, Simplex, Rackmount, FC	\$91.84
FT-PPRMS-12-LCAPC	Optical Patch Panel, Single Mode, 12 Ports, Simplex, Rackmount, LC/APC	\$106.40
FT-PPRMS-12-ST	Optical Patch Panel, Single Mode, 12 Ports, Simplex, Rackmount, ST	\$90.16

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Clearance

Item No.	Description	Price
FT-PPRMSM-24-FC	Optical Patch Panel, Single Mode, 24 Ports, Simplex, Rackmount, FC	\$137.20
FT-PPRMSM-24-LC/APC	Optical Patch Panel, Single Mode, 24 Ports, Simplex, Rackmount, LC/APC	\$168.00
FT-PPRMSM-24-ST	Optical Patch Panel, Single Mode, 24 Ports, Simplex, Rackmount, ST	\$134.40
FT-RMSME-1X2-FC	CATV Optical Coupler, Single Mode, 1x2 Ports, Simplex, FC, Rackmount	\$128.35
FT-RMSME-1X2-LC/APC	CATV Optical Coupler, Single Mode, 1x2 Ports, Simplex, LC/APC, Rackmount	\$134.40
FT-RMSME-1X2-ST	CATV Optical Coupler, Single Mode, 1x2 Ports, Simplex, ST, Rackmount	\$128.35
FT-RMSME-1X4-FC	CATV Optical Coupler, Single Mode, 1x4 Ports, Simplex, FC, Rackmount	\$136.75
FT-RMSME-1X4-LC/APC	CATV Optical Coupler, Single Mode, 1x4 Ports, Simplex, LC/APC, Rackmount	\$144.48
FT-SBMSE-1X4-LC/APC	CATV Optical Coupler, Box Module, Single Mode, 1x4 Ports, Simplex, LC/APC	\$90.72
FT-SBMSE-1X4-ST	CATV Optical Coupler, Box Module, Single Mode, 1x4 Ports, Simplex, ST	\$87.36
FT-SWBSE-1X2-LC/APC	CATV Optical Coupler, Wall Mount, Single Mode, 1x2 Ports, Simplex, LC/APC	\$164.64
FT-SWBSE-1X4-LC/APC	CATV Optical Coupler, Wall Mount, Single Mode, 1x4 Ports, Simplex, LC/APC	\$174.72
G-KS-KS-M-T	CATV Trunk Coaxial Cable Adapter, Housing to Housing Dual Pin Connection Adapter	\$12.99
HCA-3051	Broadband Distribution Amplifier, Indoor, +30 dB Gain, 54-550 MHz, Wall Mount	\$149.00
HCG-24	Headend RF Combiner, 24 Input, 1 Output with Test Port, Rack Mount, 5-1,000 MHz, Passive	\$85.00
HMR	Rackmount Chassis, 12 Slot, Seats Modular Headend Compatible Devices	\$99.99
HP24-500	Heavy Duty Equipment Rack Mounting Screws, 12-24 Thread, 1/4", Black Finish, Bag of 500	\$140.32
HPM55-5*	Modulator, Fixed Channel, Standard Definition, Rack Mountable, Commercial Grade, CATV Channel 2-125, +55 dB Output	\$139.00
IPC6624SR-X33-VF-NB (B)	4MP 33x Ultra Low Light Network PTZ Dome Camera-Not in Original Box Only	\$2,306.60
MICM-FFF	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel FFF/68	\$129.00
MICM-GGG	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel GGG/69	\$129.00
MICM-HHH	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel HHH/70	\$129.00
MICM-III	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel III/71	\$129.00
MICM-KKK	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel KKK/73	\$129.00
MICM-OOO	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel OOO/77	\$129.00
MICM-PPP	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel PPP/78	\$129.00
MICM-QQQ	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel QQQ/79	\$129.00
MICM-RRR	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel RRR/80	\$129.00
MICM-TTT	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel TTT/82	\$129.00
MICM-UUU	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel UUU/83	\$129.00
MICM-VVV	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel VVV/84	\$129.00
MICM-WWW	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel WWW/85	\$129.00
MICM-XXX	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel XXX/86	\$129.00
MICM-YYY	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel YYY/87	\$129.00
MICM-ZZZ	Fixed Channel SD Micro Modulator, Commercial Grade, CATV Channel ZZZ/88	\$129.00
MPCM45-5*	Fixed Channel SD Micro Modulator, Commercial Grade, CATV (Channels Available 2, 3, 13, 1/23, 1/25, N/27, 0/28, 5/32)	\$129.00
MT-VIKI	Composite A/V Splitter, 1 Input, 8 Outputs, RCA, Zero Loss	\$52.00
OAW-AP-MNT-W	Wi-Fi Access Point Mounting Kit, W-Type, White, Aicatel	\$23.75
OS6450-10L-US	Managed Ethernet Switch, 10-Port, 10/100Mbps, Non-PoE, Aicatel	\$329.00
PCMS55AW-CC	Fixed Channel SD Modulator, Commercial Grade, CATV Channel Cc/39	\$139.00
PCMS55AW-E	Fixed Channel SD Modulator, Commercial Grade, CATV Channel E/18	\$139.00
PCMS55AW-H	Fixed Channel SD Modulator, Commercial Grade, CATV Channel H/21	\$139.00
PCMS55AW-K	Fixed Channel SD Modulator, Commercial Grade, CATV Channel K/24	\$139.00
PCMS55AW-N	Fixed Channel SD Modulator, Commercial Grade, CATV Channel N/27	\$139.00
PCMS55AW-T	Fixed Channel SD Modulator, Commercial Grade, CATV Channel T/33	\$139.00
SMCD3GNV5-420-LA	MODEM - Cable - DOCSIS 3.0	\$29.99
ST-HDC4-P	4 BNC input supports: PoC HD-TVI, CVI, AHD, Analog and IP Cameras	\$199.36
ST-HDC8-P	8 BNC input supports: PoC HD-TVI, CVI, AHD, Analog and IP Cameras	\$346.08
ST-HDC5PFTD-CNV	5MP HDc 4 in 1 Cameras 24/7 Color - Even in the Dark (Plastic Housing)	\$77.28
ST-TV2FD-P-2.8	TVI PoC Camera - 2MP/2.8mm Fixed Lens Dome Camera	\$72.80
ST-TV2FD-P	TVI PoC Camera - 2MP/3.6mm Fixed Lens Dome Camera	\$72.80
ST-TV2FTD-P-2.8	TVI PoC Camera - 2MP/2.8mm Fixed Lens Turret Dome Camera	\$72.80
ST-TV5FTD-P	TVI PoC Camera - 5MP/3.6mm Fixed Lens Turret Dome Camera	\$58.24
ST-TV2VF-MZ-P	TVI PoC Camera - 2MP/2.7 - 13.5 mm Motorized Varifocal Lens Bullet Camera	\$132.16
ST-HDOC-TEST-BATTERY	Replacement Battery for ST-HDOC-TEST-MINI	\$43.68
ST-HDOC-TEST-MINIS2	Screen Protector for ST-HDOC-TEST-MINI2 Meter	\$8.94
ST-IP-TEST-SP	Screen Protector for ST-SDI-TEST Meter	\$8.94
TCE6120110	CATV Tap / Directional Coupler, 6dB Single Tap-Off Value, L-Style for Wallplate Feed Through, 5-1,220 MHz, Coaxial Connections	\$2.49
TV-83220301	Wi-Fi Streamer, DIRECTV Lite Streaming, L&I Exclusive	\$4,379.00
VSBB-IREXT	Infrared Target Cable, 35mm to IR Target, Replacement for VEBB100-Offline	\$12.49

All Sales Are Final. Call now! Quantities are limited to stock on hand. Offer valid while supplies last.

mV	dBmV	dBm
0.0010	-60	-108.75
0.0011	-59	-107.75
0.0013	-58	-106.75
0.0014	-57	-105.75
0.0016	-56	-104.75
0.0018	-55	-103.75
0.0020	-54	-102.75
0.0022	-53	-101.75
0.0025	-52	-100.75
0.0028	-51	-99.75
0.0032	-50	-98.75
0.0035	-49	-97.75
0.0040	-48	-96.75
0.0045	-47	-95.75
0.0050	-46	-94.75
0.0056	-45	-93.75
0.0063	-44	-92.75
0.0071	-43	-91.75
0.0079	-42	-90.75
0.0089	-41	-89.75
0.0100	-40	-88.75
0.0112	-39	-87.75
0.0126	-38	-86.75
0.0141	-37	-85.75
0.0158	-36	-84.75
0.0178	-35	-83.75
0.0200	-34	-82.75
0.0224	-33	-81.75
0.0251	-32	-80.75
0.0282	-31	-79.75
0.0316	-30	-78.75
0.0355	-29	-77.75
0.0398	-28	-76.75
0.0447	-27	-75.75
0.0501	-26	-74.75
0.0562	-25	-73.75

mV	dBmV	dBm
0.0631	-24	-72.75
0.0708	-23	-71.75
0.0794	-22	-70.75
0.0891	-21	-69.75
0.1000	-20	-68.75
0.1120	-19	-67.75
0.1259	-18	-66.75
0.1413	-17	-65.75
0.1586	-16	-64.75
0.1778	-15	-63.75
0.1995	-14	-62.75
0.2239	-13	-61.75
0.2512	-12	-60.75
0.2818	-11	-59.75
0.3162	-10	-58.75
0.3548	-9	-57.75
0.3981	-8	-56.75
0.4467	-7	-55.75
0.5012	-6	-54.75
0.5623	-5	-53.75
0.6310	-4	-52.75
0.7079	-3	-51.75
0.7943	-2	-50.75
0.8913	-1	-49.75
1.0000	0	-48.75
1.1220	1	-47.75
1.2589	2	-46.75
1.4125	3	-45.75
1.5849	4	-44.75
1.7783	5	-43.75
1.9953	6	-42.75
2.2387	7	-41.75
2.5119	8	-40.75
2.8184	9	-39.75
3.1623	10	-38.75
3.5481	11	-37.75

mV	dBmV	dBm
3.9811	12	-36.75
4.4668	13	-35.75
5.0119	14	-34.75
5.6234	15	-33.75
6.3096	16	-32.75
7.0795	17	-31.75
7.9433	18	-30.75
8.9125	19	-29.75
10.0000	20	-28.75
11.2202	21	-27.75
12.5893	22	-26.75
14.1254	23	-25.75
15.8489	24	-24.75
17.7828	25	-23.75
19.9526	26	-22.75
22.3872	27	-21.75
25.1189	28	-20.75
28.1838	29	-19.75
31.6228	30	-18.75
35.4813	31	-17.75
39.8107	32	-16.75
44.6684	33	-15.75
50.1187	34	-14.75
56.2341	35	-13.75
63.0957	36	-12.75
70.7946	37	-11.75
79.4328	38	-10.75
89.1251	39	-9.75
100.0000	40	-8.75
112.2018	41	-7.75
125.8925	42	-6.75
141.2538	43	-5.75
158.4893	44	-4.75
177.8279	45	-3.75
199.5262	46	-2.75
-	-	-

mV	dBmV	dBm
223.8721	47	-1.75
251.1886	48	-0.75
273.8420	48.75	0
281.8383	49	0.25
316.2278	50	1.25
354.8134	51	2.25
398.1072	52	3.25
446.6836	53	4.25
501.1872	54	5.25
562.3413	55	6.25
630.9573	56	7.25
707.9458	57	8.25
794.3282	58	9.25
891.2509	59	10.25
1000.0000	60	11.25
1122.0185	61	12.25
1258.9254	62	13.25
1412.5375	63	14.25
1584.8932	64	15.25
1778.2794	65	16.25
1995.2623	66	17.25
2238.7211	67	18.25
2511.8864	68	19.25
2818.3829	69	20.25
3162.2777	70	21.25
3548.1339	71	22.25
3981.0717	72	23.25
4466.8359	73	24.25
5011.8723	74	25.25
5623.4133	75	26.25
6309.5734	76	27.25
7079.4578	77	28.25
7943.2823	78	29.25
8912.5094	79	30.25
10000.0000	80	31.25
-	-	-

Typical Cable Attenuation/Frequency Allocation Chart

Typical Cable Attenuation - In Decibels/100ft. at 68°F

Frequency	Drop Cable			Trunk Cable									
mHz.	RG59	RG6	RG11	412	500	625	750	875	1000	565	700	840	1160
5	0.81	0.61	0.36	0.19	0.16	0.12	0.10	0.09	0.08	0.13	0.11	0.09	0.07
30	1.45	1.17	0.75	0.48	0.39	0.31	0.26	0.22	0.20	0.33	0.26	0.22	0.16
50	1.78	1.44	0.93	0.62	0.50	0.40	0.34	0.28	0.26	0.43	0.34	0.29	0.22
108	2.48	2.02	1.30	0.92	0.75	0.60	0.50	0.43	0.39	0.64	0.51	0.43	0.33
216	3.49	2.85	1.83	1.31	1.07	0.87	0.72	0.62	0.57	0.91	0.73	0.63	0.48
240	3.68	3.00	1.94	1.39	1.14	0.92	0.77	0.65	0.60	0.97	0.77	0.67	0.51
270	3.91	3.19	2.06	1.48	1.21	0.98	0.82	0.70	0.64	1.03	0.82	0.71	0.54
300	4.13	3.37	2.17	1.56	1.28	1.04	0.86	0.74	0.68	1.09	0.87	0.75	0.58
325	4.31	3.51	2.27	1.63	1.34	1.09	0.90	0.77	0.71	1.13	0.91	0.79	0.60
350	4.48	3.65	2.36	1.69	1.39	1.13	0.94	0.80	0.74	1.18	0.95	0.82	0.63
375	4.65	3.79	2.44	1.76	1.44	1.18	0.98	0.84	0.77	1.22	0.98	0.85	0.65
400	4.81	3.92	2.53	1.82	1.49	1.22	1.01	0.87	0.80	1.27	1.02	0.88	0.68
450	5.13	4.17	2.69	1.94	1.59	1.30	1.08	0.92	0.86	1.35	1.08	0.94	0.73
500	5.43	4.42	2.85	2.05	1.68	1.38	1.14	0.98	0.91	1.43	1.15	1.00	0.77
550	5.72	4.65	3.01	2.16	1.77	1.45	1.20	1.03	0.96	1.50	1.21	1.05	0.82
600	6.00	4.87	3.16	2.26	1.86	1.52	1.26	1.09	1.01	1.58	1.27	1.11	0.86
650	6.27	5.09	3.30	2.36	1.94	1.59	1.32	1.14	1.06	1.65	1.33	1.16	0.90
700	6.53	5.29	3.44	2.45	2.02	1.66	1.38	1.19	1.11	1.71	1.38	1.21	0.94
750	6.78	5.50	3.58	2.55	2.10	1.72	1.43	1.23	1.16	1.78	1.44	1.26	0.98
800	7.03	5.69	3.71	2.64	2.18	1.79	1.48	1.28	1.20	1.84	1.49	1.30	1.02
862	7.33	5.93	3.88	2.75	2.27	1.86	1.55	1.34	1.25	1.92	1.55	1.36	1.07
900	7.50	6.07	3.97	2.81	2.32	1.91	1.59	1.37	1.29	1.97	1.59	1.40	1.10
950	7.73	6.25	4.10	2.90	2.39	1.97	1.64	1.41	1.33	2.03	1.64	1.44	1.13
1000	7.95	6.43	4.23	2.98	2.46	2.03	1.68	1.45	1.37	2.08	1.69	1.49	1.17

Frequency Allocation Chart - UHF Channels

Channel	Bandwidth		Video	Audio	Channel	Bandwidth		Video	Audio	Channel	Bandwidth		Video	Audio
14	470	476	471.25	475.75	38	614	620	615.25	619.75	61	752	758	753.25	757.75
15	476	482	477.25	481.75	39	620	626	621.25	625.75	62	758	764	759.25	763.75
16	482	488	483.25	487.75	40	626	632	627.25	631.75	63	764	770	765.25	769.75
17	488	494	489.25	493.75	41	632	638	633.25	637.75	64	770	776	771.25	775.75
18	494	500	495.25	499.75	42	638	644	639.25	643.75	65	776	782	777.25	781.75
19	500	506	501.25	505.75	43	644	650	645.25	649.75	66	782	788	783.25	787.75
20	506	512	507.25	511.75	44	650	656	651.25	655.75	67	788	794	789.25	793.75
21	512	518	513.25	517.75	45	656	662	657.25	661.75	68	794	800	795.25	799.75
22	518	524	519.25	523.75	46	662	668	663.25	667.75	69	800	806	801.25	805.75
23	524	530	525.25	529.75	47	668	674	669.25	673.75	70	806	812	807.25	811.75
24	530	536	531.25	535.75	48	674	680	675.25	679.75	71	812	818	813.25	817.75
25	536	542	537.25	541.75	49	680	686	681.25	685.75	72	818	824	819.25	823.75
26	542	548	543.25	547.75	50	686	692	687.25	691.75	73	824	830	825.25	829.75
27	548	554	549.25	553.75	51	692	698	693.25	697.75	74	830	836	831.25	835.75
28	554	560	555.25	559.75	52	698	704	699.25	703.75	75	836	842	837.25	841.75
29	560	566	561.25	565.75	53	704	710	705.25	709.75	76	842	848	843.25	847.75
30	566	572	567.25	571.75	54	710	716	711.25	715.75	77	848	854	849.25	853.75
31	572	578	573.25	577.75	55	716	722	717.25	721.75	78	854	860	855.25	859.75
32	578	584	579.25	583.75	56	722	728	723.25	727.75	79	860	866	861.25	865.75
33	584	590	585.25	589.75	57	728	734	729.25	733.75	80	866	872	867.25	871.75
34	590	596	591.25	595.75	58	734	740	735.25	739.75	81	872	878	873.25	877.75
35	596	602	597.25	601.75	59	740	746	741.25	745.75	82	878	884	879.25	883.75
36	602	608	603.25	607.75	60	746	752	747.25	751.75	83	884	890	885.25	889.75
37	608	614	609.25	613.75	-	-	-	-	-	-	-	-	-	-

CATV QAM Channel Center Frequency - 54 MHz to 860 MHz

EIA Channels	MHz Center Frequency
2	57
3	63
4	69
5	79
6	85
95	93
96	99
97	105
98	111
99	119
14	123
15	129
16	135
17	141
18	147
19	153
20	159
21	165
22	171
7	177
8	183
9	189
10	195
11	201
12	207
13	213
23	219

EIA Channels	MHz Center Frequency
24	225
25	231
26	237
27	243
28	249
29	255
30	261
31	267
32	273
33	279
34	285
35	291
36	297
37	303
38	309
39	315
40	321
41	327
42	333
43	339
44	345
45	351
46	357
47	363
48	369
49	375
50	381

EIA Channels	MHz Center Frequency
51	387
52	393
53	399
54	405
55	411
56	417
57	423
58	429
59	435
60	441
61	447
62	453
63	459
64	465
65	471
66	477
67	483
68	489
69	495
70	501
71	507
72	513
73	519
74	525
75	531
76	537
77	543

EIA Channels	MHz Center Frequency
78	549
79	555
80	561
81	567
82	573
83	579
84	585
85	591
86	597
87	603
88	609
89	615
90	621
91	627
92	633
93	639
94	645
100	651
101	657
102	663
103	669
104	675
105	681
106	687
107	693
108	699
109	705

EIA Channels	MHz Center Frequency
110	711
111	717
112	723
113	729
114	735
115	741
116	747
117	753
118	759
119	765
120	771
121	777
122	783
123	789
124	795
125	801
126	807
127	813
128	819
129	825
130	831
131	837
132	843
133	849
134	855
135	861
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Frequency Allocation Chart for VHF and CATV Channels

Chan.	EIA Chan.	Standard		Incremental		Harmonic	
		Video	Audio	Video	Audio	Video	Audio
T7	none	7.0000	11.5000	NA	NA	NA	NA
T8	none	13.0000	17.5000	NA	NA	NA	NA
T9	none	19.0000	23.5000	NA	NA	NA	NA
T10	none	25.0000	29.5000	NA	NA	NA	NA
T11	none	31.0000	35.5000	NA	NA	NA	NA
T12	none	37.0000	41.5000	NA	NA	NA	NA
T13	none	43.0000	47.5000	NA	NA	NA	NA
T14	none	49.0000	53.5000	NA	NA	NA	NA
2	2	55.2500	59.7500	55.2625	59.7625	54.0027	58.5027
3	3	61.2500	65.7500	61.2625	65.7625	60.0030	64.5030
4	4	67.2500	71.7500	67.2625	71.7625	66.0033	70.5033
A8	1	NA	NA	73.2625	77.2625	72.0036	76.5036
5	5	77.2500	81.7500	77.2625	81.7625	76.0039	80.5039
6	6	83.2500	87.7500	83.2625	87.7625	82.0042	86.5042
A5	95	91.2500	95.7500	91.2625	95.7625	90.0045	94.5045
A4	96	97.2500	101.7500	97.2625	101.7625	96.0048	100.5048
A3	97	103.2500	107.7500	103.2625	107.7625	102.0051	106.5051
A2	98	109.2750	113.7750	109.2750	113.7750	--	--
A1	99	115.2750	119.7750	115.2750	119.7750	--	--
A	14	121.2625	125.7625	121.2625	125.7625	120.0050	124.5050
B	15	127.2625	131.7625	127.2625	131.7625	126.0063	130.5063
C	16	133.2625	137.7625	133.2625	137.7625	132.0066	136.5066
D	17	139.2400	143.7400	139.2625	143.7625	138.0069	142.5069
E	18	145.2500	149.7500	145.2625	149.7625	144.0072	148.5072
F	19	151.2500	155.7500	151.2625	155.7625	150.0075	154.5075
G	20	157.2500	161.7500	157.2625	161.7625	156.0078	160.5078
H	21	163.2500	167.7500	163.2625	167.7625	162.0081	166.5081
I	22	169.2500	173.7500	169.2625	173.7625	168.0084	172.5084
J	7	175.2500	179.7500	175.2625	179.7625	174.0087	178.5087
K	8	181.2500	185.7500	181.2625	185.7625	180.0090	184.5090
L	9	187.2500	191.7500	187.2625	191.7625	186.0093	190.5093
M	10	193.2500	197.7500	193.2625	197.7625	192.0096	196.5096
N	11	199.2500	203.7500	199.2625	203.7625	198.0099	202.5099
O	12	205.2500	209.7500	205.2625	209.7625	204.0102	208.5102
P	13	211.2500	215.7500	211.2625	215.7625	210.0105	214.5105
Q	23	217.2500	221.7500	217.2625	221.7625	216.0108	220.5108
R	24	223.2500	227.7500	223.2625	227.7625	222.0111	226.5111
S	25	229.2625	233.7625	229.2625	233.7625	228.0114	232.5114
T	26	235.2625	239.7625	235.2625	239.7625	234.0117	238.5117
U	27	241.2625	245.7625	241.2625	245.7625	240.0120	244.5120
V	28	247.2625	251.7625	247.2625	251.7625	246.0123	250.5123
W	29	253.2625	257.7625	253.2625	257.7625	252.0126	256.5126
X	30	259.2625	263.7625	259.2625	263.7625	258.0129	262.5129
Y	31	265.2625	269.7625	265.2625	269.7625	264.0132	268.5132
Z	32	271.2625	275.7625	271.2625	275.7625	270.0135	274.5135
A	33	277.2625	281.7625	277.2625	281.7625	276.0138	280.5138
B	34	283.2625	287.7625	283.2625	287.7625	282.0141	286.5141
C	35	289.2625	293.7625	289.2625	293.7625	288.0144	292.5144
D	36	295.2625	299.7625	295.2625	299.7625	294.0147	298.5147
E	37	301.2625	305.7625	301.2625	305.7625	300.0150	304.5150
F	38	307.2625	311.7625	307.2625	311.7625	306.0153	310.5153
G	39	313.2625	317.7625	313.2625	317.7625	312.0156	316.5156
H	40	319.2625	323.7625	319.2625	323.7625	318.0159	322.5159
I	41	325.2625	329.7625	325.2625	329.7625	324.0162	328.5162
J	42	331.2750	335.7750	331.2750	335.7750	330.0165	334.5165
K	43	337.2625	341.7625	337.2625	341.7625	336.0168	340.5168
L	44	343.2625	347.7625	343.2625	347.7625	342.0171	346.5171
M	45	349.2625	353.7625	349.2625	353.7625	348.0174	352.5174
N	46	355.2625	359.7625	355.2625	359.7625	354.0177	358.5177
O	47	361.2625	365.7625	361.2625	365.7625	360.0180	364.5180
P	48	367.2625	371.7625	367.2625	371.7625	366.0183	370.5183
Q	49	373.2625	377.7625	373.2625	377.7625	372.0186	376.5186
R	50	379.2625	383.7625	379.2625	383.7625	378.0189	382.5189
S	51	385.2625	389.7625	385.2625	389.7625	384.0192	388.5192
T	52	391.2625	395.7625	391.2625	395.7625	390.0195	394.5195
U	53	397.2625	401.7625	397.2625	401.7625	396.0198	400.5198
V	54	403.2500	407.7500	403.2625	407.7625	402.0201	406.5201
W	55	409.2500	413.7500	409.2625	413.7625	408.0204	412.5204
X	56	415.2500	419.7500	415.2625	419.7625	414.0207	418.5207
Y	57	421.2500	425.7500	421.2625	425.7625	420.0210	424.5210
Z	58	427.2500	431.7500	427.2625	431.7625	426.0213	430.5213
A	59	433.2500	437.7500	433.2625	437.7625	432.0216	436.5216
B	60	439.2500	443.7500	439.2625	443.7625	438.0219	442.5219
C	61	445.2500	449.7500	445.2625	449.7625	444.0222	448.5222
D	62	451.2500	455.7500	451.2625	455.7625	450.0225	454.5225

Chan.	EIA Chan.	Standard		Incremental		Harmonic	
		Video	Audio	Video	Audio	Video	Audio
AAA	63	457.2500	461.7500	457.2625	461.7625	456.0228	460.5228
BBB	64	463.2500	467.7500	463.2625	467.7625	462.0231	466.5231
CCC	65	469.2500	473.7500	469.2625	473.7625	468.0234	472.5234
DDD	66	475.2500	479.7500	475.2625	479.7625	474.0237	478.5237
EEE	67	481.2500	485.7500	481.2625	485.7625	480.0240	484.5240
FFF	68	487.2500	491.7500	487.2625	491.7625	486.0243	490.5243
GGG	69	493.2500	497.7500	493.2625	497.7625	492.0246	496.5246
HHH	70	499.2500	503.7500	499.2625	503.7625	498.0249	502.5249
III	71	505.2500	509.7500	505.2625	509.7625	504.0252	508.5252
JJJ	72	511.2500	515.7500	511.2625	515.7625	510.0255	514.5255
KKK	73	517.2500	521.7500	517.2625	521.7625	516.0258	520.5258
LLL	74	523.2500	527.7500	523.2625	527.7625	522.0261	526.5261
MMM	75	529.2500	533.7500	529.2625	533.7625	528.0264	532.5264
NNN	76	535.2500	539.7500	535.2625	539.7625	534.0267	538.5267
OOO	77	541.2500	545.7500	541.2625	545.7625	540.0270	544.5270
PPP	78	547.2500	551.7500	547.2625	551.7625	546.0273	550.5273
QQQ	79	553.2500	557.7500	553.2625	557.7625	552.0276	556.5276
RRR	80	559.2500	563.7500	559.2625	563.7625	558.0279	562.5279
SSS	81	565.2500	569.7500	565.2625	569.7625	564.0282	568.5282
TTT	82	571.2500	575.7500	571.2625	575.7625	570.0285	574.5285
UUU	83	577.2500	581.7500	577.2625	581.7625	576.0288	580.5288
VVV	84	583.2500	587.7500	583.2625	587.7625	582.0291	586.5291
WWW	85	589.2500	593.7500	589.2625	593.7625	588.0294	592.5294
XXX	86	595.2500	599.7500	595.2625	599.7625	594.0297	598.5297
YYY	87	601.2500	605.7500	601.2625	605.7625	600.0300	604.5300
ZZZ	88	607.2500	611.7500	607.2625	611.7625	606.0303	610.5303
--	89	613.2500	617.7500	613.2625	617.7625	612.0306	616.5306
--	90	619.2500	623.7500	619.2625	623.7625	618.0309	622.5309
--	91	625.2500	629.7500	625.2625	629.7625	624.0312	628.5312
--	92	631.2500	635.7500	631.2625	635.7625	630.0315	634.5315
--	93	637.2500	641.7500	637.2625	641.7625	636.0318	640.5318
--	94	643.2500	647.7500	643.2625	647.7625	642.0321	646.5321
--	100	649.2500	653.7500	649.2625	653.7625	648.0324	652.5324
--	101	655.2500	659.7500	655.2625	659.7625	654.0327	658.5327
--	102	661.2500	665.7500	661.2625	665.7625	660.0330	664.5330
--	103	667.2500	671.7500	667.2625	671.7625	666.0333	670.5333
--	104	673.2500	677.7500	673.2625	677.7625	672.0336	676.5336
--	105	679.2500	683.7500	679.2625	683.7625	678.0339	682.5339
--	106	685.2500	689.7500	685.2625	689.7625	684.0342	688.5342
--	107	691.2500	695.7500	691.2625	695.7625	690.0345	694.5345
--	108	697.2500	701.7500	697.2625	701.7625	696.0348	700.5348
--	109	703.2500	707.7500	703.2625	707.7625	702.0351	706.5351
--	110	709.2500	713.7500	709.2625	713.7625	708.0354	712.5354
--	111	715.2500	719.7500	715.2625	719.7625	714.0357	718.5357
--	112	721.2500	725.7500	721.2625	725.7625	720.0360	724.5360
--	113	727.2500	731.7500	727.2625	731.7625	726.0363	730.5363
--	114	733.2500	737.7500	733.2625	737.7625	732.0366	736.5366
--	115	739.2500	743.7500	739.2625	743.7625	738.0369	742.5369
--	116	745.2500	749.7500	745.2625	749.7625	744.0372	748.5372
--	117	751.2500	755.7500	751.2625	755.7625	750.0375	754.5375
--	118	757.2500	761.7500	757.2625	761.7625	756.0378	760.5378
--	119	763.2500	767.7500	763.2625	767.7625	762.0381	766.5381
--	120	769.2500	773.7500	769.2625	773.7625	768.0384	772.5384
--	121	775.2500	779.7500	775.2625	779.7625	774.0387	778.5387
--	122	781.2500	785.7500	781.2625	785.7625	780.0390	784.5390
--	123	787.2500	791.7500	787.2625	791.7625	786.0393	790.5393
--	124	793.2500	797.7500	793.2625	797.7625	792.0396	796.5396
--	125	799.2500	803.7500	799.2625	803.7625	798.0399	793.5399
--	126	805.2500	809.7500	805.2625	809.7625	804.0402	808.5402
--	127	811.2500	815.7500	811.2625	815.7625	810.0405	814.5405
--	128	817.2500	821.7500	817.2625	821.7625	816.0408	820.5408
--	129	823.2500	827.7500	823.2625	827.7625	822.0411	826.5411
--	130	829.2500	833.7500	829.2625	833.7625	828.0414	832.5414
--	131	835.2500	839.7500	835.2625	839.7625	834.0417	838.5417
--	132	841.2500	845.7500	841.2625	845.7625	840.0420	844.5420
--	133	847.2500	851.7500	847.2625	851.7625	846.0423	850.5423
--	134	853.2500	857.7500	853.2625	857.7625	852.0426	856.5426
--	135	859.2500	863.7500	859.2625	863.7625	858.0429	862.5429
--	136	865.2500	869.7500	865.2625	869.7625	864.0432	868.5432
--	137	871.2500	875.7500	871.2625	875.7625	870.0435	874.5435
--	138	877.2500	881.7500	877.2625	881.7625	876.0438	880.5438
--	139	883.2500	887.7500	883.2625	887.7625	882.0441	886.5441
--	140	889.2500	893.7500	889.2625	893.7625	888.0444	892.5444
--	141	895.2500	899.7500	895.2625	899.7625	894.0447	898.5447
--	142	901.2500	905.7500	901.2625	905.7625	900.0450	904.5450

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CTGT4-16	132	CT-KEY-CAT3	164	CT-PPFAM-6	103	CT-STB-DVR-V2	56	DGS-3	129	DT-CAT6-BX-BL	96
CTGT4-24	132	CT-KEY-CAT5E	106	CT-PPFAM-8	103	CTT2G-04	134	DGS-3B	129	DT-CAT6-BX-GN	96
CTGT4-30	132	CT-KEY-CAT6	106	CTPS-12	71	CTT2G-08	134	DGS-4	129	DT-CAT6-BX-GY	96
CTGT4-8	132	CT-KEY-FMS-HF	106	CTPS-12-FAN	72	CTT2G-11	134	DGS-8	129	DT-CAT6-BX-OR	96
CTGT-6	132	CT-KEY-FMS-IV	164	CTRC-HARNES	164	CTT2G-14	134	DIRECTV DRE	139	DT-CAT6-BX-WT	96
CTGTB-11	132	CT-KEY-HD	105	CT-KEY-HD	105	CTT2G-17	134	DIRECTV DRE Backplate	138	DT-CAT6-BX-YL	96
CTGTB-14	132	CT-KEY-WP1WH	105	CT-KEY-WP1WH	105	CTT2G-20	134	DLB-5-15AC	123	DT-CAT6-PLENUM-BL	96
CTGTB-17	132	CT-KEY-WP2WH	105	CT-KEY-WP2WH	105	CTT2G-23	134	DLB-5-20AC	123	DT-CAT6-PLENUM-WH	96
CTGTB-20	132	CT-KEY-WP3WH	105	CT-KEY-WP3WH	105	CTT2G-26	134	DREDUAL12DB-02	146	DT-CAT6-RJ45-100	108
CTGTB-23	132	CT-KEY-WP4WH	105	CT-KEY-WP4WH	105	CTT2G-29	134	DREDUAL16DB-02	146	DT-CAT6-RJ45-500	108
CTGTB-26	132	CT-KEY-WP6WH	105	CT-KEY-WP6WH	105	CTT2G-32	134	DREDUAL16DB-03	165	DT-CAT6-RJ45-SHLD-50	108
CTGTB-29	132	CT-KEY-WP8WH	105	CT-KEY-WP8WH	105	CTT2G-35	134	DREDUAL20DB-02	146	DT-CAT6-STRAINBT-100	108
CTGTB-32	132	CT-KEY-WP10WH	105	CT-KEY-WP10WH	105	CTT2G-38	134	DREDUAL20DB-03	146	DT-CAT6-STRAINBT-100	108
CTGTB-35	132	CT-KEY-WP12WH	105	CT-KEY-WP12WH	105	CTT2G-41	134	DREDUAL20DB-04	146	DT-CAT6-STRAINBT-100	108
CTGT-9	132	CT-KEY-WP14WH	105	CT-KEY-WP14WH	105	CTT2G-44	134	DREDUAL20DB-05	146	DT-CAT6-STRAINBT-100	108
CTGTW-12	132	CT-KEY-WP16WH	105	CT-KEY-WP16WH	105	CTT2G-47	134	DREDUAL20DB-06	146	DT-CAT6-STRAINBT-100	108
CTGTW-16	132	CT-KEY-WP18WH	105	CT-KEY-WP18WH	105	CTT2G-50	134	DREDUAL20DB-07	146	DT-CAT6-STRAINBT-100	108
CTGTW-20	132	CT-KEY-WP20WH	105	CT-KEY-WP20WH	105	CTT2G-53	134	DREDUAL20DB-08	146	DT-CAT6-STRAINBT-100	108
CTGTW-24	132	CT-KEY-WP22WH	105	CT-KEY-WP22WH	105	CTT2G-56	134	DREDUAL20DB-09	146	DT-CAT6-STRAINBT-100	108
CTGTW-27	132	CT-KEY-WP24WH	105	CT-KEY-WP24WH	105	CTT2G-59	134	DREDUAL20DB-10	146	DT-CAT6-STRAINBT-100	108
CTGTW-30	132	CT-KEY-WP26WH	105	CT-KEY-WP26WH	105	CTT2G-62	134	DREDUAL20DB-11	146	DT-CAT6-STRAINBT-100	108
CTGTW-33	132	CT-KEY-WP28WH	105	CT-KEY-WP28WH	105	CTT2G-65	134	DREDUAL20DB-12	146	DT-CAT6-STRAINBT-100	108
CTGTW-36	132	CT-KEY-WP30WH	105	CT-KEY-WP30WH	105	CTT2G-68	134	DREDUAL20DB-13	146	DT-CAT6-STRAINBT-100	108
CTGTW-39	132	CT-KEY-WP32WH	105	CT-KEY-WP32WH	105	CTT2G-71	134	DREDUAL20DB-14	146	DT-CAT6-STRAINBT-100	108
CTGTW-42	132	CT-KEY-WP34WH	105	CT-KEY-WP34WH	105	CTT2G-74	134	DREDUAL20DB-15	146	DT-CAT6-STRAINBT-100	108
CTGTW-45	132	CT-KEY-WP36WH	105	CT-KEY-WP36WH	105	CTT2G-77	134	DREDUAL20DB-16	146	DT-CAT6-STRAINBT-100	108
CTGTW-48	132	CT-KEY-WP38WH	105	CT-KEY-WP38WH	105	CTT2G-80	134	DREDUAL20DB-17	146	DT-CAT6-STRAINBT-100	108
CTGTW-51	132	CT-KEY-WP40WH	105	CT-KEY-WP40WH	105	CTT2G-83	134	DREDUAL20DB-18	146	DT-CAT6-STRAINBT-100	108
CTGTW-54	132	CT-KEY-WP42WH	105	CT-KEY-WP42WH	105	CTT2G-86	134	DREDUAL20DB-19	146	DT-CAT6-STRAINBT-100	108
CTGTW-57	132	CT-KEY-WP44WH	105	CT-KEY-WP44WH	105	CTT2G-89	134	DREDUAL20DB-20	146	DT-CAT6-STRAINBT-100	108
CTGTW-60	132	CT-KEY-WP46WH	105	CT-KEY-WP46WH	105	CTT2G-92	134	DREDUAL20DB-21	146	DT-CAT6-STRAINBT-100	108
CTGTW-63	132	CT-KEY-WP48WH	105	CT-KEY-WP48WH	105	CTT2G-95	134	DREDUAL20DB-22	146	DT-CAT6-STRAINBT-100	108
CTGTW-66	132	CT-KEY-WP50WH	105	CT-KEY-WP50WH	105	CTT2G-98	134	DREDUAL20DB-23	146	DT-CAT6-STRAINBT-100	108
CTGTW-69	132	CT-KEY-WP52WH	105	CT-KEY-WP52WH	105	CTT2G-101	134	DREDUAL20DB-24	146	DT-CAT6-STRAINBT-100	108
CTGTW-72	132	CT-KEY-WP54WH	105	CT-KEY-WP54WH	105	CTT2G-104	134	DREDUAL20DB-25	146	DT-CAT6-STRAINBT-100	108
CTGTW-75	132	CT-KEY-WP56WH	105	CT-KEY-WP56WH	105	CTT2G-107	134	DREDUAL20DB-26	146	DT-CAT6-STRAINBT-100	108
CTGTW-78	132	CT-KEY-WP58WH	105	CT-KEY-WP58WH	105	CTT2G-110	134	DREDUAL20DB-27	146	DT-CAT6-STRAINBT-100	108
CTGTW-81	132	CT-KEY-WP60WH	105	CT-KEY-WP60WH	105	CTT2G-113	134	DREDUAL20DB-28	146	DT-CAT6-STRAINBT-100	108
CTGTW-84	132	CT-KEY-WP62WH	105	CT-KEY-WP62WH	105	CTT2G-116	134	DREDUAL20DB-29	146	DT-CAT6-STRAINBT-100	108
CTGTW-87	132	CT-KEY-WP64WH	105	CT-KEY-WP64WH	105	CTT2G-119	134	DREDUAL20DB-30	146	DT-CAT6-STRAINBT-100	108
CTGTW-90	132	CT-KEY-WP66WH	105	CT-KEY-WP66WH	105	CTT2G-122	134	DREDUAL20DB-31	146	DT-CAT6-STRAINBT-100	108
CTGTW-93	132	CT-KEY-WP68WH	105	CT-KEY-WP68WH	105	CTT2G-125	134	DREDUAL20DB-32	146	DT-CAT6-STRAINBT-100	108
CTGTW-96	132	CT-KEY-WP70WH	105	CT-KEY-WP70WH	105	CTT2G-128	134	DREDUAL20DB-33	146	DT-CAT6-STRAINBT-100	108
CTGTW-99	132	CT-KEY-WP72WH	105	CT-KEY-WP72WH	105	CTT2G-131	134	DREDUAL20DB-34	146	DT-CAT6-STRAINBT-100	108
CTGTW-102	132	CT-KEY-WP74WH	105	CT-KEY-WP74WH	105	CTT2G-134	134	DREDUAL20DB-35	146	DT-CAT6-STRAINBT-100	108
CTGTW-105	132	CT-KEY-WP76WH	105	CT-KEY-WP76WH	105	CTT2G-137	134	DREDUAL20DB-36	146	DT-CAT6-STRAINBT-100	108
CTGTW-108	132	CT-KEY-WP78WH	105	CT-KEY-WP78WH	105	CTT2G-140	134	DREDUAL20DB-37	146	DT-CAT6-STRAINBT-100	108
CTGTW-111	132	CT-KEY-WP80WH	105	CT-KEY-WP80WH	105	CTT2G-143	134	DREDUAL20DB-38	146	DT-CAT6-STRAINBT-100	108
CTGTW-114	132	CT-KEY-WP82WH	105	CT-KEY-WP82WH	105	CTT2G-146	134	DREDUAL20DB-39	146	DT-CAT6-STRAINBT-100	108
CTGTW-117	132	CT-KEY-WP84WH	105	CT-KEY-WP84WH	105	CTT2G-149	134	DREDUAL20DB-40	146	DT-CAT6-STRAINBT-100	108
CTGTW-120	132	CT-KEY-WP86WH	105	CT-KEY-WP86WH	105	CTT2G-152	134	DREDUAL20DB-41	146	DT-CAT6-STRAINBT-100	108
CTGTW-123	132	CT-KEY-WP88WH	105	CT-KEY-WP88WH	105	CTT2G-155	134	DREDUAL20DB-42	146	DT-CAT6-STRAINBT-100	108
CTGTW-126	132	CT-KEY-WP90WH	105	CT-KEY-WP90WH	105	CTT2G-158	134	DREDUAL20DB-43	146	DT-CAT6-STRAINBT-100	108
CTGTW-129	132	CT-KEY-WP92WH	105	CT-KEY-WP92WH	105	CTT2G-161	134	DREDUAL20DB-44	146	DT-CAT6-STRAINBT-100	108
CTGTW-132	132	CT-KEY-WP94WH	105	CT-KEY-WP94WH	105	CTT2G-164	134	DREDUAL20DB-45	146	DT-CAT6-STRAINBT-100	108
CTGTW-135	132	CT-KEY-WP96WH	105	CT-KEY-WP96WH	105	CTT2G-167	134	DREDUAL20DB-46	146	DT-CAT6-STRAINBT-100	108
CTGTW-138	132	CT-KEY-WP98WH	105	CT-KEY-WP98WH	105	CTT2G-170	134	DREDUAL20DB-47	146	DT-CAT6-STRAINBT-100	108
CTGTW-141	132	CT-KEY-WP100WH	105	CT-KEY-WP100WH	105	CTT2G-173	134	DREDUAL20DB-48	146	DT-CAT6-STRAINBT-100	108
CTGTW-144	132	CT-KEY-WP102WH	105	CT-KEY-WP102WH	105	CTT2G-176	134	DREDUAL20DB-49	146	DT-CAT6-STRAINBT-100	108
CTGTW-147	132	CT-KEY-WP104WH	105	CT-KEY-WP104WH	105	CTT2G-179	134	DREDUAL20DB-50	146	DT-CAT6-STRAINBT-100	108
CTGTW-150	132	CT-KEY-WP106WH	105	CT-KEY-WP106WH	105	CTT2G-182	134	DREDUAL20DB-51	146	DT-CAT6-STRAINBT-100	108
CTGTW-153	132	CT-KEY-WP108WH	105	CT-KEY-WP108WH	105	CTT2G-185	134	DREDUAL20DB-52	146	DT-CAT6-STRAINBT-100	108
CTGTW-156	132	CT-KEY-WP110WH	105	CT-KEY-WP110WH	105	CTT2G-188	134	DREDUAL20DB-53	146	DT-CAT6-STRAINBT-100	108
CTGTW-159	132	CT-KEY-WP112WH	105	CT-KEY-WP112WH	105	CTT2G-191	134	DREDUAL20DB-54	146	DT-CAT6-STRAINBT-100	108
CTGTW-162	132	CT-KEY-WP114WH	105	CT-KEY-WP114WH	105	CTT2G-194	134	DREDUAL20DB-55	146	DT-CAT6-STRAINBT-100	108
CTGTW-165	132	CT-KEY-WP116WH	105	CT-KEY-WP116WH	105	CTT2G-197	134	DREDUAL20DB-56	146	DT-CAT6-STRAINBT-100	108
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DT-IPV-QAM-ASI-4HC	63	DTV PHONE CABLE	163	FT-EMCU-IG-SM-DK-MIN-POE-KIT	150	FT-MMU-SX-SC-UPC-50M	157	FT-SM-6CB-2000	161	FT-SMU-SX-SC-APC-1M1	158
DT-IPV-QAM-ASI-BHCV	63	DTV5WPP02	143	FT-EMCU-IG-SM-DK-MIN-KIT	150	FT-PBK1	165	FT-SM-6CB-2000H	160	FT-SMU-SX-SC-APC-200	157
DT-IPV-QAM-DK-CABLE	94	DTV7TAPDV06-02	143	FT-EMCU-IG-SM-SX-KIT	150	FT-PPRMM-12-FC	165	FT-SM-6CB-2000M	160	FT-SMU-SX-SC-APC-2M	158
DT-NTSC-24	58	DTV7TAPDV09-02	143	FT-EMCU-IG-SM-SX-MINI-KIT	150	FT-PPRMM-12-LC	166	FT-SM-6CB-K1	161	FT-SMU-SX-SC-APC-50M	157
DT-NTSC-32	58	DTV7TAPDV12-02	143	FT-EMCU-IG-SM-SX-MINI-POE-KIT	150	FT-PPRMM-12-SC	166	FT-SM-6CB-K2000	161	FT-SMU-SX-SC-APC-5M	158
DT-NTSC-UPGB	58	DTV7TAPDV16-02	143	FT-EMCU-IG-SM-SX-MINI-KIT	150	FT-PPRMM-12-ST	166	FT-SM-6BULT-1	159	FT-SMU-SX-SC-APC-10M	158
DT-QAM-12-S2	66	DTVH12AZEL	149	FT-FC-APC	158	FT-PPRMM-24-FC	165	FT-SM-6BULT-2000	159	FT-SMU-SX-SC-APC-1M	158
DT-QAM-AVM-1	71	DTVH12ZDSH	149	FT-FOATT-MF-SC-APC-1	158	FT-PPRMM-24-LC	165	FT-SM6B-LS2HM-11	160	FT-SMU-SX-SC-APC-5M	158
DT-QAM-AVM-1M1	64	DTVH12KMPEN	149	FT-FOATT-MF-SC-APC-10	154, 158	FT-PPRMM-24-SC	166	FT-SM6B-LS2HM-12000	160	FT-SMU-SX-SC-UPC-100	157
DT-QAM-ENC-2-MPG2	64	DTVH12MALLINT	149	FT-FOATT-MF-SC-APC-3	158	FT-PPRMM-24-ST	166	FT-SMU-DK-FC-APC-10M	158	FT-SMU-SX-SC-UPC-10M	158
DT-QAM-ENC-4-MPG2	64	DTV-DIPLEXR109	145	FT-FOATT-MF-SC-APC-5	158	FT-PPRMM-12-FC	165	FT-SMU-DK-FC-APC-1M	158	FT-SMU-SX-SC-UPC-1M	158
DT-QAM-ENC-8-MPG2	64	DTV-LONGERRACE	147	FT-FOATT-MF-ST-1	165	FT-PPRMM-12-LCAPC	165	FT-SMU-DK-FC-APC-2M	158	FT-SMU-SX-SC-UPC-200	157
DT-RJ45-CRIMP-POOL-1	08	DTVSHORTRACE	147	FT-FOATT-MF-ST-10	165	FT-PPRMM-12-SCAPC	166	FT-SMU-DK-FC-APC-5M	158	FT-SMU-SX-SC-UPC-2M	158
DT-SPP-IG-SR-C	111	DTV-TRIPLEX1	145	FT-FOATT-MF-ST-2	165	FT-PPRMM-12-ST	165	FT-SMU-DK-LC-10M	158	FT-SMU-SX-SC-UPC-50M	157
DT-SPP-IG-M-DK-LC-A	111	DT-WEB-CAM-AUTOPAN**	105	FT-FOATT-MF-ST-3	165	FT-PPRMM-24-FC	166	FT-SMU-DK-LC-1M	158	FT-SMU-SX-SC-UPC-5M	158
DT-SPP-IG-M-DK-LC	111	DT-WLSHD-TDRX108CP	87	FT-FOATT-MF-ST-5	165	FT-PPRMM-24-LCAPC	166	FT-SMU-DK-LC-2M	158	FT-SMSB-LS2HM-11	160
DT-SPP-IG-S-DK-LC-A	111	DWR Series	80	FT-FOATT-ST-10	165	FT-PPRMM-24-SCAPC	166	FT-SMU-DK-LC-5M	158	FT-SMSB-LS2HM-12000	160
DT-SPP-IG-S-DK-LC	111	E-F		FT-FOATT-FC	165	FT-PPRMM-24-ST	166	FT-SMU-DK-LC-SC-10M	158	FT-SMSB-LS2HM-12000	162
DT-SPP-IG-T	105	E60UGS	113	FT-FOATT-ST	165	FT-RMSME-12-FC	166	FT-SMU-DK-LC-SC-1M	158	FT-ST	158
DT-SPP-RJ45-10G-100M	112	E62UGS-2ndOSonT	107	FT-FR00D-RM-PS	151	FT-RMSME-12-LCAPC	166	FT-SMU-DK-LC-SC-5M	158	FT-ST-UPC-LC-UPC	158
DT-SPP-RJ45-10G-30M	112	EREN3FANNIT	65	FT-FR00D-RM-SCAPC	151	FT-RMSME-12-LCAPC	166	FT-SMU-DK-LC-ST-10M	158	FT-SWBSME-12-LCAPC	156
DT-SPP-RJ45-10G-30M-A	112	ERX Series	80	FT-FR00D-SCAPC	153	FT-RMSME-12-SCAPC	166	FT-SMU-DK-LC-ST-5M	158	FT-SWBSME-12-SCAPC	156
DT-SPP-RJ45-10G-30M-C	112	ET-1	165	FT-FTX-10-FCAPC	165	FT-RMSME-12-ST	166	FT-SMU-DK-LC-UPC-100	157	FT-SWBSME-14-LCAPC	156
DT-SPP-RJ45-10G-30M-G	112	EX6XL	105	FT-FTX-10-SCAPC	151	FT-RMSME-14-FC	166	FT-SMU-DK-LC-UPC-200	157	FT-SWBSME-14-SCAPC	156
DT-SPP-RJ45-1G-100M	112	EZ-5-B	92	FT-FTX050-10-SCAPC	152	FT-RMSME-14-LCAPC	166	FT-SMU-DK-LC-UPC-300	157	FT-SWBSME-14-SCAPC	156
DT-SPP-RJ45-1G-100M-A	112	F-71	102	FT-FTX050-6-SCAPC	152	FT-RMSME-14-SCAPC	166	FT-SMU-DK-LC-UPC-30M	157		
DT-SPP-RJ45-1G-100M-C	112	F-80G2	102	FT-FTX-6-SCAPC	151	FT-RMSME-14-ST	156	FT-SMU-DK-SC-APC-100	157	G	
DT-SPP-RJ45-1G-100M-G	112	F-90	102	FT-FHX0X-1000-2W-SCAPC-AC	153	FT-RMSME-14-SCAPC	156	FT-SMU-DK-SC-APC-200	158	GB-1UL	143
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DT-SPP-SM-DK-LC-1G-100M-C	112	FC-1B	104	FT-FM3G7	102	FT-SBMSE-12-FC	156	FT-SMU-DK-SC-APC-50M	157	GHS-3K	130
DT-SPP-SM-DK-LC-1G-100M-G	112	FC-7W	104	FT-MM50-11	162	FT-SBMSE-12-SCAPC	156	FT-SMU-DK-SC-APC-5M	158	GHS-4	130
DT-SPP-SM-DK-LC-1M-125G	111	FC-2B	104	FT-MM50-12000	162	FT-SBMSE-14-LCAPC	156	FT-SMU-DK-SC-ST-10M	158	GHS-8	130
DT-SPP-SM-DK-LC-1G-100M-A	112	FC-2W	104	FT-MM50-12000	165	FT-SBMSE-14-SCAPC	156	FT-SMU-DK-SC-ST-2M	158	GHS-4S-4M7	156
DT-SPP-SM-SX-LC-10G-2-100M-A	112	FF-R	102	FT-MM50-1-K1	162	FT-SBMSE-14-SCAPC	156	FT-SMU-DK-SC-ST-5M	158	GRD BLK 2 W BOOT	143
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DT-SPP-SM-SX-LC-10G-2-100M-G	112	FS-11	98	FT-MM50-4-CB-2000	161	FT-SC-APC-LC-APC	158	FT-SMU-DK-SC-UPC-1M	158	GWTC-GN	141
DT-SPP-SM-SX-LC-1G-4-100M-A	112	FSYPL	98	FT-MM50-4-CB-K1	161	FT-SM-11	162	FT-SMU-DK-SC-UPC-200	157	GWTC-GN-10	141
DT-SPP-SM-SX-LC-1G-4-100M-G	112	FSNTHBNC	103	FT-MM50-4-CB-K2000	161	FT-SM-12000	162	FT-SMU-DK-SC-UPC-50M	157	H	
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DT-SPP-SM-SX-LC-1G-5-100M-C	112	FSNTHBNC	103	FT-MM62-50-12000	165	FT-SM-2ULT-1	159	FT-SMU-SX-FC-APC-1M	158	H25MOUNT	140
DT-SPP-SM-SX-LC-1G-5-100M-G	112	FSNTHBNC	103	FT-MM62-50-1-K1	162	FT-SM-2ULT-2000	159	FT-SMU-SX-FC-APC-2M	158	H25PRO-19	142
DT-SPP-SM-SX-LC-1G-5-100M-A	112	FSNTHBNC	103	FT-MM62-50-1-K2000	162	FT-SM-4CB-1	161	FT-SMU-SX-FC-APC-5M	158	H44 POWER SUPPLY	141
DT-SPP-SM-SX-LC-1G-5-100M-G	112	FSNTHBNC	103	FT-MM62-5-4CB-1	161	FT-SM-4CB-1000H	160	FT-SMU-SX-FC-UPC-10M	158	H59-182PW-2	99
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Terms and Conditions

SALES OFFICE HOURS: With multiple sales locations to serve you throughout the country, our sales department is open 8:00 AM to 8:00 PM ET (5:00 AM to 5:00 PM PT) Monday-Friday and can be reached 24 hours a day via email at sales@nace.tv.

PRICES: Prices are subject to change without notice. Prices in effect at time of order will be applied.

CATALOG ERRORS: The pricing and specifications in this catalog have been carefully checked before printing and deemed correct; however, no responsibility can be assumed for inaccuracies that may exist. All information in this catalog is subject to change without prior notice.

LARGE QUANTITY QUOTATIONS: We welcome requests for quotations on quantities more than the maximum amounts published in our price list. Private label and non-catalog inquiries are welcome for items not listed in our catalog. Some items may be subject to minimum order quantities.

MINIMUM ORDERS: \$100.00 minimum order. All orders under \$100.00 are subject to a \$10.00 handling charge. Minimum order to open a new account is \$250.00.

OUT OF STOCK MERCHANDISE: Out-of-stock merchandise will be held back for no more than 60 days and shipped when stock becomes available. Back orders of less than \$25.00 will be automatically canceled. NACE has the option to substitute any item on backorder for a comparable item of equal or greater value.

WILL CALL SERVICE: Pick up service is available from 9:00 AM until 5:00 PM local time. Other times can be accommodated by appointment. Customers in proximity can avoid will call waiting time by phoning orders in 1 hour prior to picking up. Please specify the name of the person picking up your order at the time of order placement.

TERMS: Net terms to approved accounts. All other accounts are prepay or credit card. All customers must provide a valid sales tax resale number, otherwise sales tax will be charged. A 3% surcharge will be applied to all NET accounts that are paid via credit card.

DECLINED CREDIT CARD FEE: All declined credit card orders will be charged a \$10.00 service charge. The fee will be charged in the freight field of the order.

FREE FREIGHT ORDERS: Shipping carrier to be determined by NACE on all orders where NACE is paying the shipping charges.

PAST DUE ACCOUNTS: Overdue accounts will be placed on hold. Accounts over 90 days will be notified and turned over for collection 10 days after notification.

FINANCE CHARGE: 1.25% per month on all invoices over 30 days.

RETURNED CHECK CHARGES: Customer will be charged \$50.00 each time a check is returned for any reason.

COLLECTION: Customer is responsible for any costs or fees necessary to collect past due accounts, including reasonable attorney fees, court costs, and collection agency fees.

BILLING INQUIRIES: All billing and account status inquiries should be directed to the accounts receivable department 8:30 AM to 5:00 PM Monday-Friday.

FREIGHT: All orders are shipped F.O.B. West Chester, PA, St. Peters, MO; Longwood, FL; or Las Vegas, NV unless otherwise specified. Orders are shipped UPS, FedEx or freight carrier. Please be sure to specify for special 3-day, 2-day, next day service and/or Saturday delivery if needed. We also offer the next flight out for same day shipping. For your protection, shipments are automatically insured for damage or loss in transit. All freight charges are subject to dimensional/weight carrier weight regulations. Addresses determined by carrier as residential may be subject to residential delivery rates. Special delivery fees, such as limited access charges, will be assessed in arrears if any carrier charge-backs occur.

DROP SHIPMENT FEES: To cover the added cost of making a drop shipment from a vendor, the following fees will apply. This is in addition to vendor freight, and other vendor additional charges (drop ship fees, etc.) to help offset the increased amount of labor with an order that is a drop ship. Orders will receive a 5% freight surcharge, with a cap of \$50.00, added into the freight amount. There will be a minimum surcharge of \$5.00 per order. For certain key accounts these fees can be reduced or waived.

SAME DAY SHIPPING: Most orders received by 4 PM are processed and shipped the same day if credit has been established and the account is in current standing.

NACE Toll Free Order Line:800.688.9282
Business Phone:610.429.1020
Websites:www.nace.tv
.....www.securitytronix.com
.....www.datatronic.biz
Sales Emails:sales@nace.tv
.....sales@securitytronix.com

SHORTAGES: Must notify the shipping carrier immediately and NACE within 10 days from the invoice date to get a claim.

INCORRECT SHIPMENTS: Must notify NACE within 10 days from invoice date.

REPAIR/RETURN MERCHANDISE: Must have a return material authorization (RMA) which can be obtained by calling the NACE Labs Product may be repaired/diagnosed/credited at our option. Product is supported in accordance with manufacturer's policy. Original invoice number, quantity, item number, and description of reason for return are required to issue an RMA. Any return merchandise is to be sent back freight prepaid. Some products are required to be sent back direct to the manufacturer. NACE reserves the right to deny requests for returns at their discretion.

RETURN OF MERCHANDISE: Return requests for credit must have a return material authorization number and be returned within 90 days of date of purchase and is subject to restocking charges. Merchandise and packaging materials must be in their original factory condition. Product returned cannot be altered in any way. This includes any type of marking, writing, or labeling on the product or packaging. Credits will be issued as merchandise credit only, no cash refunds. Any orders refused by the customer may be subject to a restocking fee. If a customer refuses an order for any reason, NACE will be compensated by the purchaser for all shipping charges.

REFUSED ORDERS: Refused orders will be charged a minimum 20% restocking fee.

NO REFUNDS WITHOUT SALES INVOICE: Equipment must be inspected before any decision is made on using credit. Most sales are final. No cash refunds. Credits will only be issued for the amount paid on the original invoice.

SPECIAL ORDER ITEMS: Special order items are non-returnable. Special order items must be paid in full upon ordering.

PRICING INFORMATION: Prices do not include freight or shipping charges, unless specified.

BROKEN PACK QUANTITY: All broken pack quantities will incur a 10% surcharge.

LIMITATION OF LIABILITY: In no event shall NACE be liable for any indirect, incidental, consequential, special, punitive, or exemplary damages, including but not limited to lost profits, loss of business, loss of revenue, loss of data, or business interruption arising from the installation, use, or inability to use products sold by NACE. NACE's total liability for any claim related to products sold shall not exceed the purchase price paid for the specific product giving rise to the claim.

WARRANTY DISCLAIMER: NACE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Products are sold subject solely to the manufacturer's warranties, if any.

INSTALLATION RESPONSIBILITY: Customer is solely responsible for proper installation, configuration, programming, operation, and maintenance of products. NACE shall not be responsible for damages resulting from improper installation, misuse, unauthorized modifications, or operation outside manufacturer specifications.

TECHNICAL SUPPORT: Technical support is provided at NACE's discretion and may be subject to limitations, service fees, or manufacturer support policies. NACE reserves the right to modify or discontinue support services without notice.

ACCEPTANCE OF PRODUCTS: Products shall be deemed accepted unless customer notifies NACE in writing of any shortages, defects, or discrepancies within ten (10) days after delivery.

RETENTION OF TITLE: Title to products shall remain with NACE until payment has been received in full.

GOVERNING LAW; VENUE: These terms shall be governed by the laws of the Commonwealth of Pennsylvania. Any legal action arising from these terms shall be brought exclusively in the state or federal courts located in Chester County, Pennsylvania.

FORCE MAJEURE: NACE shall not be liable for delays or failures in performance caused by circumstances beyond its reasonable control, including acts of God, weather, transportation delays, labor shortages, supplier shortages, government actions, pandemics, or acts of carriers.

CATALOG WARNING: Certain paper and/or ink has been determined by the State of California to contain certain chemicals that may cause Cancer and Reproductive Harm. www.P65Warnings.ca.gov.

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Pennsylvania Lab After Hours:484.889.8911
SecurityTronix CCTV After Hours:702.308.4220
D.R.E. After Hours:702.817.8939
DIRECTV Support After Hours:484.653.8745

Main Office Address: 1085 Andrew Drive, Suite A, West Chester, PA 19380

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The NACE Difference: Real Support From Real Experts

Technology continues to evolve, but successful projects still depend on knowledgeable people. When questions arise, designs become complex, or challenges appear in the field, having access to experienced professionals can make all the difference.

At NACE, our team provides practical guidance, product expertise, and real-world experience to help our partners deliver successful projects from planning through deployment and beyond.



Partnering With You From Project Start and Beyond

Expert guidance, proven solutions, and dependable support for every stage of your project.



Get It Right the First Time

Our team helps eliminate guesswork through expert guidance, proper planning, and product selection.



Real Accountability

We stand behind the products and solutions we recommend because your success is our success.



Support Before, During & After Deployment

From system design and implementation to future expansion, NACE helps support project success every step of the way.



More Than a Distributor

We act as an extension of your team, providing technical expertise, product knowledge, and practical guidance.



Fast Answers When It Matters Most

When challenges arise, our team responds quickly to help keep projects moving forward.



Inventory Ready to Ship

Products stocked and available from strategically located distribution centers.

Questions? Need Design Assistance? Looking for the Right Solution?

Contact the NACE team today.

800-688-9282 | sales@nace.tv | www.nace.tv

Real Support. Real People. Real Accountability.

NACE

1085 Andrew Dr. Suite A
West Chester, PA 19380

STREAMING SPORTS & IPTV SOLUTIONS

INTEGRATE. DISTRIBUTE. DELIVER.

Whether it's football, soccer, regional sports networks, or streaming-only content, DataTronix solutions enable you to integrate streaming services directly into your IPTV headend and distribute content throughout your property.

IDEAL FOR:



Hotels & Resorts



Sports Bar & Restaurants



Healthcare Facilities



Student Housing



Multi-Dwellings



Corporate Networks

SOLUTIONS INCLUDE:

- ✓ Streaming Integration
- ✓ IPTV Distribution
- ✓ Digital Channel Creation
- ✓ QAM & IP Delivery
- ✓ Custom Headend Design



See Pages 63-65 For Streaming Solutions

NATIONWIDE DISTRIBUTION NETWORK

4 STRATEGIC LOCATIONS • FASTER DELIVERY
GREATER INVENTORY AVAILABILITY

Strategically located distribution centers allow NACE to provide faster shipping, improved inventory availability, and responsive project support across the United States. Our newest location in Longwood, Florida expands our reach throughout the Southeast while strengthening nationwide coverage.



- 📍 West Chester, PA
- 📍 St. Peters, MO
- 📍 Las Vegas, NV
- 📍 Longwood, FL



FASTER
SHIPPING



GREATER
INVENTORY



24/7/365
SUPPORT