



# Video Balun Transceivers - up to 3,000 feet

Nitek offers a wide variety of passive video balun transceivers. A passive transceiver is a non-amplified device that allows the transmission of analog color or monochrome video over ordinary unshielded twisted pair wires such as telephone cable or category rated UTP cabling.

Nitek passive video balun transceivers deliver high quality balanced video signals to the recording devices. When used with an active receiver a passive video balun can deliver a fully equalized video signal up to 3,000 feet over UTP cable.

These units are intended for use over existing in-house telephone wiring, Category 5 wiring or other twisted pair cable runs to provide a convenient, cost-effective alternative to coax. They are designed to provide superior immunity from noise and interference due to EMI or RFI that is often a problem in commercial installations.

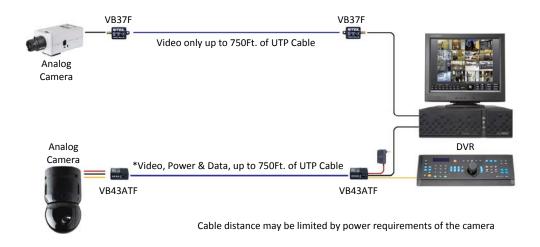
#### Features:

- Extraordinary noise rejection
- Rugged casings
- Wire strip gage
- Weatherproof design
- UL Listed
- CE approved
- Lifetime warranty



VB31AT

<u> </u>										
Part Number	Tr	ansmissi	on	Max. Vide	o Distance	Connectors		LED Indicators		
	Video	Power	P/T/Z	Passive	Active	Coax	UTP	Video	Power	Data
			Data	Receiver	Receiver	Connector	Connector			
VB31AT	Х	Х		750 Ft.	3,000 Ft.	Male BNC	RJ45			
VB31M	Х			750 Ft.	3,000 Ft.	Male BNC	RJ45			
VB31PT	Х			750 Ft.	3,000 Ft.	Male BNC	Push In			
VB37F	Х			750 Ft.	3,000 Ft.	Female BNC	Screw			
VB37M	Х			750 Ft.	3,000 Ft.	Male BNC	Screw			
VB39F	Х			750 Ft.	3,000 Ft.	Female BNC	Screw			
VB39M	Х			750 Ft.	3,000 Ft.	Male BNC	Screw			
VB43ATF	Х	Х	Х	750 Ft.	3,000 Ft.	Male BNC	RJ45	Х	Х	Х



# Active Video Products - up to 12,000 feet

Active devices provide amplification and equalization of the video signal. Niteks' amplified video transmission systems allow for the transmission of analog color or monochrome video over ordinary unshielded twisted pair wires such as telephone cable or category rated UTP cabling.

Nitek has a range of active products to choose from that deliver high quality balanced video signals to the recording devices. Advanced receiver electronics provide complete immunity from ground loop, hum and noise to produce maximum video quality with virtually no loss. DIP switches provide precise adjustment of gain and frequency compensation, allowing the system to be "fine-tuned" for any cable. This unique feature provides easy adjustment for optimum performance over the entire operating range. The units work equally well over existing communication cables or new category cables.



- Intelligent link indicators—detect video and power
- Digital adjustment technology to set video distance
- Superior noise rejection
- Rugged ABS housing
- UL Listed
- CE approved
- Includes power supplies



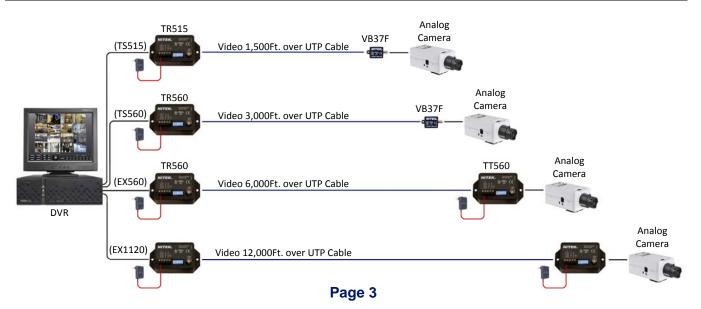
TS510M





EX1120

Part Number	Transmission		ssion	Max. Video Distance	Systems	Surge	LED Indicators	
	Video	Power	P/T/Z Data		Transmitter & Receiver Included		Video	Power
TR515	Х			1,500 Ft.	Transmitter needed	Х	Х	Х
TR560	Х			3,000 Ft.	Transmitter Needed	Χ	Χ	X
TT560	Х			6,000 Ft.	Receiver Needed	Χ	Х	X
TS510M	Х	Χ	Χ	1,000 Ft.	X	Χ	Χ	Х
TS515	Х			1,500 Ft.	X	Χ	Х	X
TS560	Х			3,000 Ft.	X	Χ	Χ	Х
EX560	Х			6,000 Ft.	X	Χ	Χ	Χ
EX1120	Х			12,000 Ft.	X	Х	Χ	Х





# Multi Channel Video Hubs

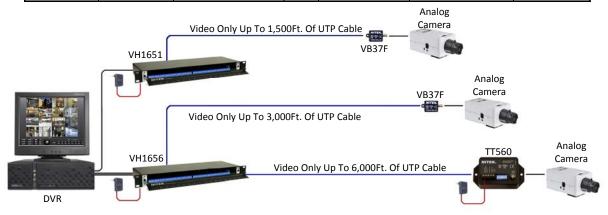
For multiple camera applications, Nitek offers a line of self-contained 4, 8, 16 and 32 channel active or passive video balun transmitter and receiver hubs. These video balun hubs are designed for use over point-to-point unshielded twisted pair wiring. The passive balun units are transceivers and can be used at either end. Active video balun receivers come equipped with DIP switches providing easy set-up and adjustment which allows the installer to "fine-tune" each channel to the exact cable length.

- 1 RU height condenses rack space
- Built-in protection from power surges and transients
- High immunity to noise and interference
- 32 channel units are modular in design
- Active 8 and 16 channel units provide dual output





Part Number	# of Cameras	Max. Video Distance	Surge	UTP Connecter	<b>Dual Video Outputs</b>	Video LED's
VH439	4	750 Ft.	Х	Screw & RJ45		
VH451	4	1,500 Ft.	Х	Push-in & RJ45		Х
VH456	4	6,000 Ft.	Х	Push-in & RJ45		Х
VH839	8	750 Ft.	Х	Screw Terminal		
VH839M	8	750 Ft.	Х	RJ45		
VH851	8	1,500 Ft.	Х	Screw Terminal	X	X
VH851M	8	1,500 Ft.	Х	RJ45	X	X
VH856	8	6,000 Ft.	Х	Screw Terminal	X	Х
VH856M	8	6,000 Ft.	Х	RJ45	X	Х
VH1639	16	750 Ft.	Х	Screw Terminal		
VH1639M	16	750 Ft.	Х	RJ45		
VH1651	16	1,500 Ft.	Х	Screw Terminal	X	Х
VH1651M	16	1,500 Ft.	Х	RJ45	X	Х
VH1656	16	6,000 Ft.	Х	Screw Terminal	X	Х
VH1656M	16	6,000 Ft.	Х	RJ45	X	Х
VH3239	32	750 Ft.	Х	Screw Terminal		Х
VH3239/110	32	750 Ft.	Х	110 Punch down		Х
VH3251	32	1,500 Ft.	Х	Screw Terminal		Х
VH3251/110	32	1,500 Ft.	Χ	110 Punch down		Х
VH3256	32	6,000 Ft.	Χ	Screw Terminal		Х
VH3256/110	32	6,000 Ft.	Χ	110 Punch down		Х



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### Modular Hubs

For multiple camera applications with varied cable lengths, Nitek offers a line of modular rack mount chassis that accept active or passive plug-in cards; 4 channel for the RK400 chassis and 8 channel for the VH3200 chassis. In this way, cards can be mixed in a chassis to provide a combination of receivers to customize the hub for the application. These video balun hubs are designed for use over point-to-point unshielded twisted pair wiring. The passive balun cards are transceivers and can be used at either end. Active video balun receivers come equipped with DIP switches providing easy set-up and adjustment which allows the installer to "fine-tune" each channel to the exact cable length.



VH3200 with assorted X8 cards



TR515X8

#### **Features:**

- Modular design
- Allows mixing and matching of passive and active cards
- Intelligent link indicators
- Built-in surge suppression
- Built-in ground loop isolation
- Superior noise rejection
- Easy serviceability with "hot swappable" cards



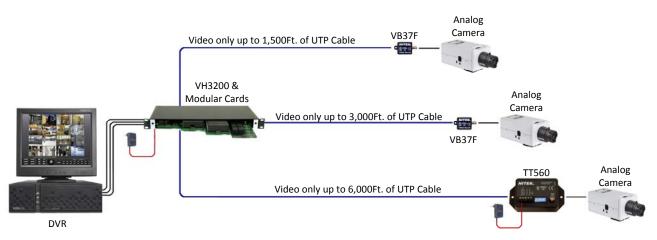
RK400 with assorted cards

TR515X4

**VB41X8** 

DA422

Part Number	# of Cameras	Max Video Distance	Video Detection	UTP Connector	Surge				
RK400	XK400 3 RU Chassis to hold X4 cards								
VB41X4	4	750 Ft.	Х	Push-in & RJ45	Х				
TR515X4	4	1,500 Ft.	Х	Push-in & RJ45	Х				
TR560X4	4	6,000 Ft.	Х	Push-in & RJ45	Χ				
EX1120RR	1	12,000 Ft.	Х	Push-in	Х				
DA422	1X4 RS422	12,000 Ft.	Data LED's	Push-in & RJ45	Х				
VH3200		1 RU C	hassis to hold X8 c	ards					
VB41X8	8	750 Ft.	Х	Push-in & RJ45	Х				
TR515X8	8	1,500 Ft.	Х	Push-in & RJ45	Х				
TR560X8	8	6,000 Ft.	Х	Push-in & RJ45	X				



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### Video, Power & Data Distribution

Our mid-span and head-end video, power and data distribution units are passive devices that are available in 4, 8 and 16 channel configurations. These units are designed to integrate with other Nitek UTP video equipment including multi channel video hubs and video balun transceivers. These mid-span and head-end distribution units utilize standard four pair category cables as a means of distributing video, power and data from a camera to a mid-span location or head-end. The mid-span devices can utilize any third party Class 2 power supply. Many of the head-end solutions include a built-in power source and built-in baluns. VB43ATF video, power and data transceivers are required at each camera location.

#### Features:

- Mid-span power insertion
- Power detection LED's
- PV824 & PVX164 include video detection LED's
- PV824 includes self-resetting fuses
- UL Listed
- CE approved

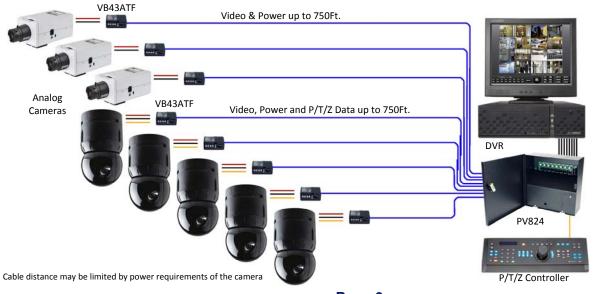


VB43ATF



**PVR164** 

Part Number	# of Cameras	<b>Built-in Power Source</b>	Built-in Baluns	Power Detection	Video Detection
PVX44	4			X	
PVX164	16			X	
PVR164	16		Х	X	Х
PV424	4	3 Amps	Х	X	Χ
PV824	8	3 Amps	Х	X	X



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# UTPLinks® - Video, Power & Data Solutions

Nitek, the industry leader in UTP innovation, has developed and marketed the UTPLinks, a system approach to twisted pair video, data and power transmission. UTP Links provides all necessary functions of the CCTV system over a Category rated UTP cable; video from the camera, RS422 control signals and power to the camera, making the UTPLinks a complete twisted pair solution. The PS115 Power Supply is Class II rated per NEC requirements. This system can be configured as a mid-span or head-end solution and plugins are available to configure the system for analog or a transition to IP with the PoE supply plug-ins.





#### **Features:**

- Modular design makes for effortless upgrades
- · Each output is individually fused
- Mix and match capability
- Hot swappable
- UL Listed
- CE approved



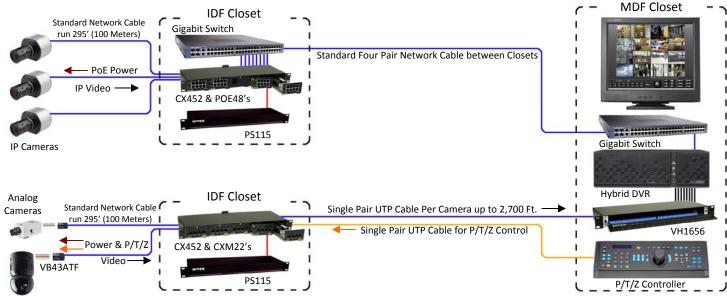


CXM22

PS115

FAN64

Part Number	# of Cameras	Power Source	Built-in Baluns	Data LED's	Power LED's
CX452					
PS115		10 Amps			
CHM22	4		Х	Χ	х
CXM22	4			Χ	х
POE48	4			Х	Х
FAN64					
UTPSYS16	16	10 Amps	Х	Χ	Х



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### IPQuikLinks® - Network Extenders

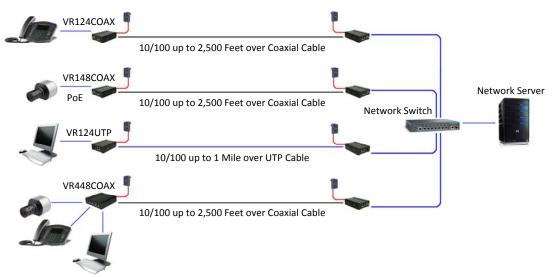
Nitek's network extenders allow Ethernet transmission of network data to communicate over an existing coaxial or UTP cable. The Ethernet extender systems consist of a transmitter and receiver set which requires very little installation time and absolutely no setup or configuration. Once powered up the transmitter and receiver instantly connect and begin operating as a fullduplex 100BaseT Ethernet conduit. The system is completely transparent to the network; it has no IP or MAC addresses and does not require any additional setup or programming. Simply connect your network devices by plugging their RJ45 connectors into the network port of the transmitter and receiver. LEDs on the devices indicate the presence of power, transmission link and network signals for easy troubleshooting. The system extends network communications to overcome cable distance limitations offering connections to devices in locations traditional networking does not

- Transmits network signals over coax or UTP cable
- Extends beyond network cable limitations
- LED indicators for network signals, link status and power
- Transmits any TCP/IP information
- Can utilize existing cable infrastructure
- UL Listed



VR448UTP

Part Number	# of IP Ports	Distance	Supplies PoE	Cable	TX and RX Set	Includes Power Supply(s)
VR124COAX	1	2,500 Ft.		Coax	Х	
VR124UTP	1	5,280 Ft.		UTP	Х	
VR148COAX	1	2,500 Ft.	Х	Coax	Х	
VR148UTP	1	5,280 Ft.	Х	UTP	Х	
VR448COAX	4	2,500 Ft.	X	Coax	Х	Х
VR448UTP	4	5,280 Ft.	X	UTP	Х	Х
VR848COAX	8	2,500 Ft.	Х	Coax	Х	X
VR848UTP	8	5,280 Ft.	Х	UTP	Х	Х



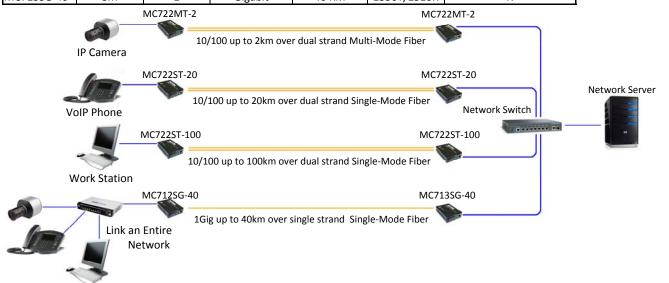
### Fiber Media Converters

The MC series fiber optic media converters are a full line of products that transparently connects copper network devices to fiber optic network cabling. Our Media converters further bridge the technology and infrastructure gaps that exist in the IP video market today. Our media conversion devices provide an economical solution to extend network cable limitations, eliminate bandwidth concerns or bridge network connections.

- IEEE802.3 and IEEE802.3u compliant
- Autosensing MDI/MDIX crossover network port
- Fully transparent to the network
- Supports any network device including IP cameras
- Easy to install, no setup required



Part Number	Fiber Type	# of Fibers	Network Speed	Max Distance	Wavelength	Includes Power Supply
MC722MT-2	MM	2	10/100	2 KM	1310nm	Χ
MC721MG-1	MM	2	Gigabit	500 Meters	1310nm	Χ
MC722ST-20	SM	2	10/100	20 KM	1310nm	Χ
MC722ST-40	SM	2	10/100	40 KM	1310nm	Χ
MC722ST-60	SM	2	10/100	60 KM	1310nm	Χ
MC722ST-80	SM	2	10/100	80 KM	1310nm	Χ
MC722ST-100	SM	2	10/100	100 KM	1310nm	Χ
MC722SG-10	SM	2	Gigabit	10 KM	1310nm	Х
MC722SG-20	SM	2	Gigabit	10 KM	1310nm	Χ
MC722SG-40	SM	2	Gigabit	40 KM	1310nm	Х
MC712ST-20	SM	1	10/100	20 KM	1310T/1550R	Χ
MC713ST-20	SM	1	10/100	20 KM	1550T/1310R	Χ
MC712ST-40	SM	1	10/100	40 KM	1310T/1550R	Χ
MC713ST-40	SM	1	10/100	40 KM	1550T/1310R	Χ
MC712ST-60	SM	1	10/100	60 KM	1310T/1550R	Χ
MC713ST-60	SM	1	10/100	60 KM	1550T/1310R	Χ
MC712SG-10	SM	1	Gigabit	10 KM	1310T/1550R	Χ
MC713SG-10	SM	1	Gigabit	10 KM	1550T/1310R	Χ
MC712SG-20	SM	1	Gigabit	20 KM	1310T/1550R	Χ
MC713SG-20	SM	1	Gigabit	20 KM	1550T/1310R	Χ
MC712SG-40	SM	1	Gigabit	40 KM	1310T/1550R	Χ
MC713SG-40	SM	1	Gigabit	40 KM	1550T/1310R	Х





### Network Devices

Nitek is dedicated to creating new and innovative Network Devices that will support and enhance network operation and provide new methods to expand network connectivity and protect the network; i.e. multiple channel PoE based power supplies with sixteen 15.4 watt outputs to operate PoE compliant devices that allow IP cameras and other network devices to be powered up to 100 meters (328 feet); network extender devices that operate in conjunction with the supply to extend the Ethernet and PoE for an additional 100 meters; a line of much needed surge protection devices for the Ethernet, to protect a single camera or other network device; IP cameras with PTZ capability; or the twelve port network surge protector panel to protect multiple input devices; i.e. network hubs, NVR's or groups of IP cameras or servers. All of these products are designed to be easy to connect and install in minutes and to provide an economical means of service and installation.





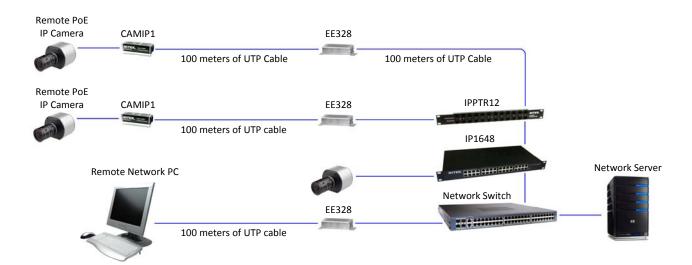


IP1648



IPPWR1

Part Number	Туре	Application	Feature
IP1648	16 Channel PoE Power Supply	Power IP Cameras/Network Devices	15.4 w/channel
EE328	Ethernet and PoE Extender	Extend Ethernet beyond 100m	Extends IP1648 Ports
CAMIP1	Single IP Port Surge Protector	Protect One IP Camera or Network Device	Easy network connection
IPPWR1	Single IP Port and 12-24 v Surge Protector	Protect One IP Camera & PTZ Device	Easy network connection
IPPTR12	Twelve IP Port Surge Protector	Protect up to 12 IP Network Devices	Multi-device Protection



### Mesh Networks

Two new lines of Wireless Products are now available from Nitek: Wireless Mesh Network Nodes that operate indoors or outdoors and provide a reliable Ethernet mesh backbone which automatically self-configures and expands as more wireless nodes are added to the network. These units can simultaneously handle high bandwidth audio, data and video. The nodes provide up to 54Mbps throughput and operate at 2.4 GHz. A new line of Wireless Outdoor Ethernet Bridges provides reliable and predictable high-capacity 300Mbps connectivity between network locations, for Ethernet bridging or Wi-Fi coverage and also operate at 2.4 GHz. These products are the first offering in a line of equipment by Nitek for a complete wireless Infrastructure. They are designed to provide the highest performance and reliability.



#### **Features:**

#### MN6448 Mesh Network Node

- Self-configuring protocol
- PoE operation—802.3af with surge protection
- WEP high security encryption
- Simultaneously handle audio/video/data

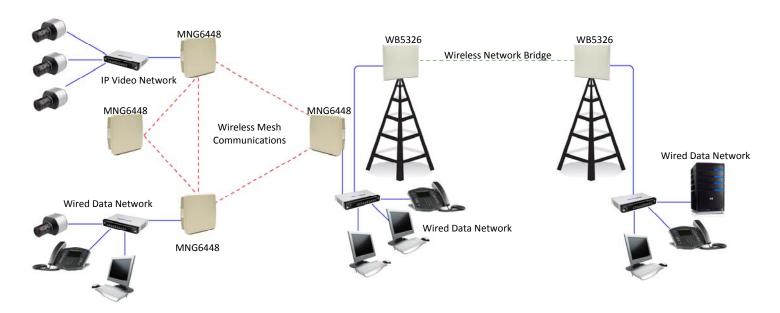
#### WB5326 Wireless Ethernet Bridge

- Augments throughput for high bandwidth applications
- PoE operation—802.3af with surge protection
- 300Mbps data rate



MA14-24

Part Number	Туре	Wireless Application	Frequency	Data Rate	PoE
MNG6448	Mesh Network Node	Mesh Network	2.4 GHz	54Mbps	Yes
WB5326	Wireless Bridge	Bridge Connection or Hop	2.4 GHz	300Mbps	Yes
MA8-24	8dBi Antenna	Omni-Directional	2.4 GHz	n/a	n/a
MA12-24	12dBi Antenna	Omni-Directional	2.4 GHz	n/a	n/a
MA14-24	14dBi Antenna	Directional	2.4 GHz	n/a	n/a
AP540	Accessory Pack	Outdoor Installation	n/a	n/a	n/a





# Fiber Optic Video Transmission

### 3000 Series

The 3000 Series fiber optic transmission systems are designed for low cost, single channel, point-to-point video transmission along with associated P/T/Z data and audio or auxiliary communication signals such as contact closures or alarm signals. These products use Nitek's unique Universal-Mode optics allowing the same unit to be used with either single-mode or multi-mode fiber optic cabling types. These products use a 10-bit digital encoding and decoding scheme to provide broadcast quality video transmission. Video is transmitted in a real time full bandwidth digital format. The 3000 Series are 'plug-and-play' requiring minimal setup and adjustment. The units are compatible with NTSC, PAL or SECAM.





3000 Series Standalone

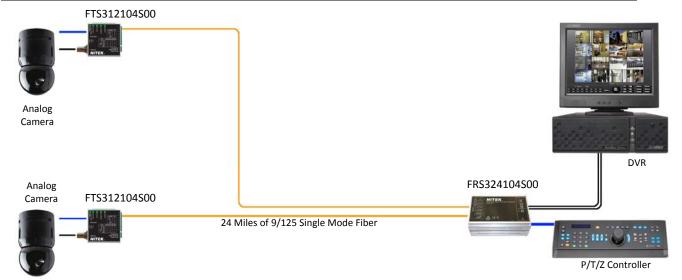
3000 Series Rack Mount



3000 Series Standalone

- Real time 10 Bit digital video
- Automatic gain control minimizes setup and adjustment time
- Universal-Mode™ allows the same unit to be used with multimode or single mode fiber

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Doub Normala au	Connector	# of Fiboro	T	Tu ou Du	Tunnamita
Part Number	Туре	# of Fibers	Туре	Tx or Rx	Transmits
FTS311000S00	SC	1	Standalone	Transmitter	Single video signal
FTS312104S00	SC	1	Standalone	Transmitter	Video/bi-directional data/bi-directional aux com
FTS324104S00	SC	2	Standalone	Transmitter	Two video/bi-directional data/bi-directional aux com
FTS344000S00	SC	4	Standalone	Transmitter	Four video signals
FTS324104R00	SC	2	Rack Mount	Transmitter	Two video/bi-directional data/bi-directional aux com
FTS344000R00	SC	4	Rack Mount	Transmitter	Four video signals
FRS311000S00	SC	1	Standalone	Receiver	Single video signal
FRS312104S00	SC	1	Standalone	Receiver	Video/bi-directional data/bi-directional aux com
FRS322000S00	SC	2	Standalone	Receiver	Two video signals
FRS324104S00	SC	2	Standalone	Receiver	Two video/bi-directional data/bi-directional aux com
FRS344000S00	SC	4	Standalone	Receiver	Four video signals
FRS311000R00	SC	1	Rack Mount	Receiver	Single video signal
FRS312104R00	SC	1	Rack Mount	Receiver	Video/bi-directional data/bi-directional aux com
FRS322000R00	SC	2	Rack Mount	Receiver	Two video signals
FRS324104R00	SC	1	Rack Mount	Receiver	Two video/bi-directional data/bi-directional aux com
FRS344000R00	SC	1	Rack Mount	Receiver	Four video signals



## Fiber Optic Video Transmission

### 5000 Series

The 5000 Series fiber optic transmission systems are designed for low cost, multi-channel, point-to-point video over a single fiber along with Ethernet, P/T/Z data and audio or auxiliary communication signals. The products use Nitek's unique Universal-Mode optics allowing operation over single-mode or multi-mode fiber. The systems offer broadcast quality video with transmission in a real time full bandwidth digital format. This ensures the highest quality regardless of distance. By transmitting the video in an uncompressed format, there is no latency or loss of video quality. The 5000 Series has an option to be set up in a dual redundant configuration which helps to ensure against loss in a catastrophic fiber failure. The 5000 Series can also be delivered with a dedicated Network Management System (NMS). NMS provides alarms associated with breaks in optical fiber and video loss notification.





	Connector		# of			
Part Number	Туре	# of Fibers	Channels	Туре	Tx or Rx	Transmits
FTS541000S00	LC	1	4	Standalone	Transmitter	Video only
FTS541100S00	LC	1	4	Standalone	Transmitter	Video/bi-directional data
FTS541110S00	LC	1	4	Standalone	Transmitter	Video/bi-directional data/ethernet
FRS541000S00	LC	1	4	Standalone	Receiver	Video only
FRS541100S00	LC	1	4	Standalone	Receiver	Video/bi-directional data
FRS541110S00	LC	1	4	Standalone	Receiver	Video/bi-directional data/ethernet
FRS541000R00	LC	1	4	Rack Mount	Receiver	Video only
FRS541100R00	LC	1	4	Rack Mount	Receiver	Video/bi-directional data
FRS541110R00	LC	1	4	Rack Mount	Receiver	Video/bi-directional data/ethernet
FTS581000S00	LC	1	8	Standalone	Transmitter	Video only
FTS581100S00	LC	1	8	Standalone	Transmitter	Video/bi-directional data
FTS581110S00	LC	1	8	Standalone	Transmitter	Video/bi-directional data/ethernet
FRS581000S00	LC	1	8	Standalone	Receiver	Video only
FRS581100S00	LC	1	8	Standalone	Receiver	Video/bi-directional data
FRS581110S00	LC	1	8	Standalone	Receiver	Video/bi-directional data/ethernet
FRS581000R00	LC	1	8	Rack Mount	Receiver	Video only
FRS581100R00	LC	1	8	Rack Mount	Receiver	Video/bi-directional data
FRS581110R00	LC	1	8	Rack Mount	Receiver	Video/bi-directional data/ethernet
5000 series prod	ducts are availa	ble in multiple	configuration	ons for video, data a	and aux commun	ications; contact Nitek for more information





# Fiber Optic Video Transmission

### 7000 Series

The 7000 Series fiber optic transmission systems are designed for low cost, unique drop and insert video transmission along with associated Ethernet, P/T/Z data and audio or auxiliary communication signals such as contact closures or alarm signals. The systems are designed to offer broadcast quality video transmission without compromise. The video is transmitted in real time full bandwidth digital format to insure the highest quality regardless of distance, and by transmitting the video in an uncompressed format, there is no latency or loss of video quality.

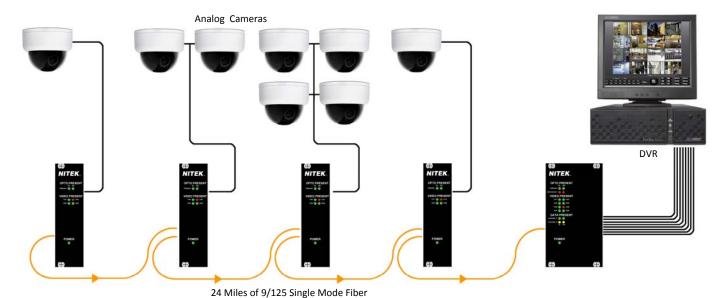
The 7000 Series can be configured to collect individual or multiple video signals along a given route or perimeter in a daisy chain and transmit them all back to one or more control rooms. This allows for significant savings on fiber optic infrastructure when compared to traditional methods of video collection. The architecture allows for configuration in either a "spur" or a "ring". The 7000 Series has an option to be setup in a dual redundant configuration which helps to ensure against loss in a catastrophic fiber failure.

Using Coarse Wavelength Division Multiplexing (CWDM) up to 16 wavelength channels can be used providing a transmission capability of up to 128 video channels on a single optical fiber together with the associated data/audio and Ethernet. When configured as a fiber ring using eight strands of fiber the system has a capacity of up to 512 video channels, 1,024 data/audio channels and 6.4Gb of Ethernet. (Contact Nitek system support for system design and configuration.)

The 7000 Series can be delivered with a dedicated Network Management System (NMS), providing alarms associated with breaks in optical fiber and video loss notification.



- Real time digital transmission eliminates signal degradation associated with distance
- Wide dynamic range. No adjustments required, 'plug and play'
- Configurations available in single fiber and twin fiber construction
- Simultaneously transmits multiple video, Ethernet, control, audio and auxiliary communications all in one set of equipment
- Dual redundant option eliminates system downtime due to fiber failure
- SNMP compliant network management option for remote fault monitoring and reporting



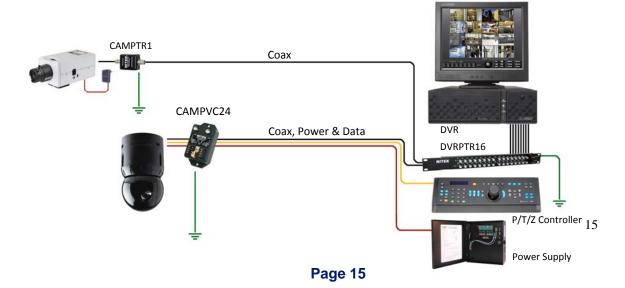
### Surge Protection

Niteks' line of Surge Protection devices has been designed and tested to provide the maximum protection for your equipment. The majority of all surge-induced damage is caused by surges and spikes traveling along unprotected video, data and power lines. These surges originate from a wide variety of sources, including static charge buildup and lightning strikes. Left unprotected, video and data lines expose cameras, digital video recorders, network video storage devices, monitors, A/V components, and other network equipment to damaging electrical transients. Niteks' family of surge suppressors protects individual video, data lines, and power lines including network lines, network equipment, coax cables, and more. The conception and design of Nitek's overall lineup of Surge Products was initiated with the intent of ultimately providing a complete solution for the protection of analog CCTV and IP networks and equipment.

A relatively small investment in the devices necessary to protect your lines and equipment from transients, spikes and surges can save many times the cost of replacing equipment and systems lost as a result of these problems. Proper application and grounding plays an important role in surge protection. Contact Nitek engineers to assist in the selection of proper surge protectors for specific applications.



Part Number	Туре	Protection For	Feature
CAMIP1	Single IP Port Surge Protector	One IP camera or network device	Easy network connection
CAMPDD24	Analog video, PTZ, and 12/24 V Surge Protector	One coax camera, 4-wire data/power	RS485 protection
CAMPTR1	Analog video camera Surge Protector	One coax camera	Easy to install
CAMPVC24	Analog video, RS422 & 12/24V Surge Protector	One coax camera, 2-wire data/power	Multi-device protection
CAMTRV24	Coax, RS422 & 12/24V Surge Protector	One UTP camera, 2-wire data/power	Built-in Video Balun
CAMUTP24	UTP, RS422 & 12/24V Surge Protector	One UTP camera, 2-wire data/power	Multi-device protection
DVRPTR16	16 Port Video & 4-wire data Surge Protector	Multi-channel coax inputs	DVR protection
IPPTR12	Twelve IP Port Surge Protector	Up to 12 IP network devices	Multi-device IP protection
IPPWR1	Single IP Port and 12-24 v Surge Protector	One IP camera & PTZ device	Easy network connection
UTPPTR4	4 UTP Surge Protector	Up to 4 pairs, video/data or accessories	Multi-line protection





# Security Technology Communication & InformationTransmission

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