

16 Port Video, Power and Data Distribution

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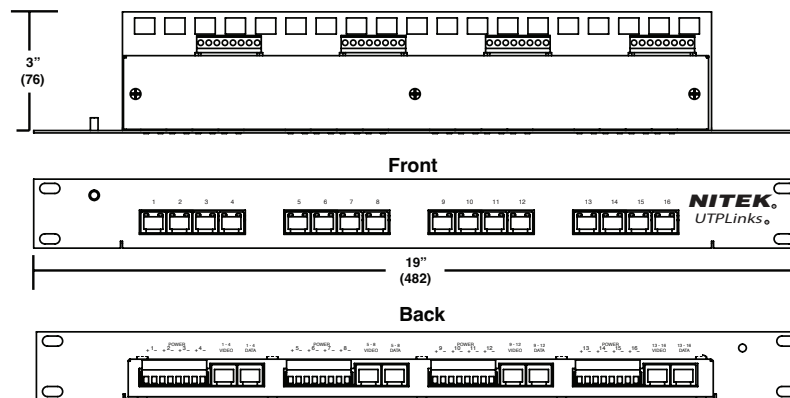
Description

The **PVX164** utilizes standard 4-pair Category UTP cabling as a means of distributing video, power and data for up to 16 cameras. Any third party Class 2 SELV power supply can be used with the PVX164. VB43ATF video, power and data transceivers are required at the camera end. The PVX164 transmits 16 video signals from the cameras into one 4-pair Category cable. Nitek "M" series hubs can be used for quick and secure installations.

The system can also adapt to existing communication and computer network spare pairs or new cable installations. This unit provides superior immunity from noise and interference, even when run in common raceways with AC.

Features

- High quality video over ordinary twisted pair cable
- Video, power and data over a single Category cable
- Built-in cable management
- High immunity to noise and interference
- LED's to indicate power detection
- RJ45 jacks for quick and secure connections
- Can be used in mid-span or local network solutions
- Video can be run in the same cable with telephone, computer signals and power



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TECHNICAL SPECIFICATION

16 Port Video, Power and Data Distribution

Camera Port	RJ45 Connector
Data Port	RJ45 Connector
Video Port	RJ45 Connector
Power	Screw terminals for 16 to 24 AWG wire
Power Requirements	Class 2 SELV
Temperature Range	-20°C to +65°C
Humidity Range	0 to 98%, non-condensing
Shipping Weight	2 lbs

Wire and Cable Recommendations

We recommend using unshielded twisted pair wiring. The systems will operate over wire 26 to 18 AWG but are optimized for 24 AWG. Category cables may be used. Individually shielded pairs should be avoided, as they drastically reduce the operating range of the systems. Multi-pair cable with an overall shield is acceptable. Video can be operated in the same communication cable coexistent with telephone, computer, control signals, power voltages and other video signals. While video may be routed through telephone punch down block terminals, any bridge-taps, also called T-taps and any resistive, capacitive or inductive devices **MUST BE** removed from the pair.

