

PRODUCT SPECIFICATION

DOCUMENT NUMBER PVX164	MODEL PVX164 16 Port Power and Data Distribution Unit
REVISION NUMBER 060908	



Description

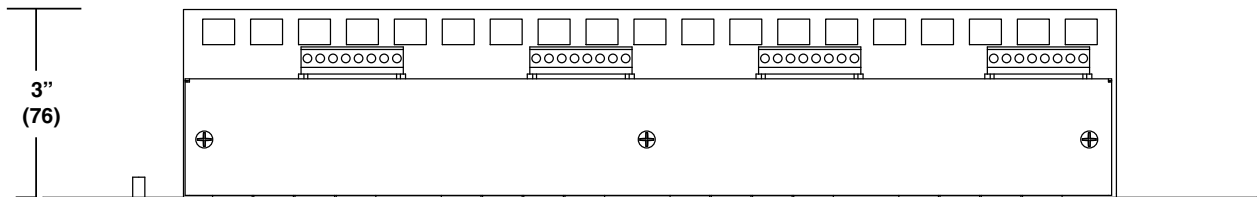
16 port passive video, power and data distribution unit. Systems operate with other Nitek UTP video equipment including video hubs, standard video balun transceivers or any twisted pair equipped camera.

The PVX164 utilizes standard 4-pair Category UTP cabling as a means of distributing video, power and data up to 16 cameras. Any third party Class 2 SELV power supplies 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.

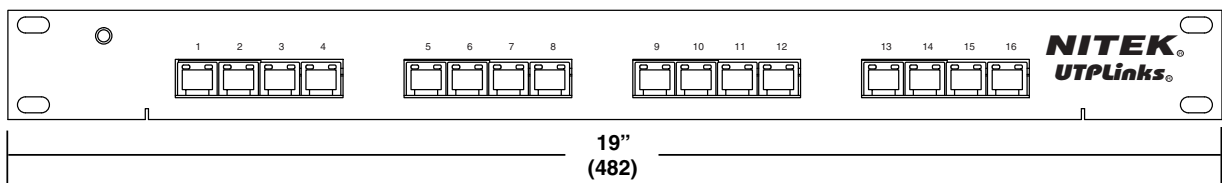
The systems can also adapt to existing communication and computer network spare pairs or new cable installations. These units provide superior immunity from noise and interference, even when run in common raceways with AC.

Features

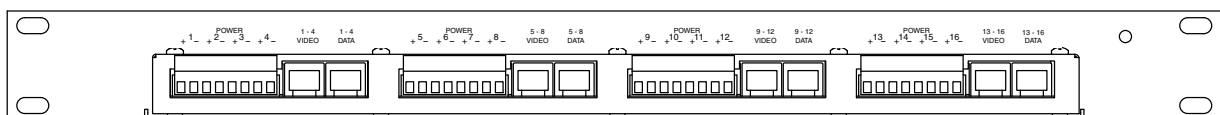
- High quality video over ordinary twisted pair cable
- Video, power and data over one Category cable
- Built-in cable management
- High immunity to noise and interference
- LED's to indicate power detection
- RJ45 Jacks for quick and secure connections
- Can be used in mid-span, or local network solutions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



Front



Back



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PVX164

TECHNICAL SPECIFICATION

16 port Active UTP Video Mini-Hubs

Camera Port	RJ 45 Connector
Data Port	RJ 45 Connector
Video Port	RJ 45 Connector
Power	Screw Terminals for 16-24 AWG wire
Power Requirements	Class 2 SELV
Temperature Range	-20 degrees C to +55 degrees C
Humidity Range	0 to 98% non-condensing

Wire and Cable Recommendations

Nitek products are recommended for use with **unshielded twisted pair** (UTP) wiring. The systems will operate over wire gauges from 26 AWG through 12 AWG but are optimized for 24 AWG. Category cabling 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 punchdown block terminals, any bridge-taps, also called T-taps and any resistive, capacitive or inductive devices **MUST BE** removed from the pair. For more specific information regarding wire types, gauges and proper installation techniques, please call 800-528-4343 for technical assistance.

