

UTP216-VP

16-Channel Passive Video Power



PRODUCT SPECIFICATIONS

PRODUCT FEATURES

- Provides camera power while receiving video transmission
- both over a single 4-pair UTP cat5e/6 cable
- Color video up to 1300ft(400m) via UTP cat5e/6
- Transmit 12VDC power up to 750ft /250m
- Use with XTS-UTP200-VP (transmitter unit) at camera
- BNC male and RJ45 Jack
- NTSC, PAL & SECAM video format compatible
- Real-time transmission
- Exceptional interference rejection
- Built-in TVS (Transient Voltage Suppressors) for surge protection
- Lightning protection design Grade:
- Wave Filter Design, Anti-Static Design
- Black galvanized housing
- Rack, wall mountable and desk installation with 4 rubber feet



PRODUCT CAPABILITIES

The UTP216-VP is a key hybrid component that consolidates all CCTV system cabling using standard EIA/TIA 568B structured building wiring.

Designed for installation in the IDF/Telecom Closet or MDF/Equipment Room. The Power Supply Passive Video Receiver Hub provides 12VDC power to camera while worked with UTP216-V (transmitter unit). Power transmission distance reach up to 750ft(250m).

UTP216-VP is recommended to use with Unshielded Twisted Paired (UTP) wiring from 24AWG through 22AWG. Individually shielded pairs should be avoided, as they reduce the operating range of the systems drastically. Multi pair cable (25-pair or more) with an overall shield are acceptable. Video signals can coexist in the same wire bundle as telephone, datacom, or low voltages power circuits. 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.



TECHNICAL SPECIFICATIONS

UTP216-VP

Video Format	NTSC, PAL, SECAM
Applied Devices	CCTV cameras, monitors, DVR, switchers, IP encoders, and other CCTV equipment
Operating Frequency	DC to 5MHz
Max Distance	UTP Category 5e (24AWG) Color: 1300ft(400m) B&W: 1950ft(600m)
Common-mode/Differential-mode rejection	15 KHz to 5 MHz / 60 dB type
Impedance	Coax, Female BNC 75 ohms
Attenuation	0.5 dB type
Network Wiring	One Unshielded Twisted Pair (for each video signal) 24-16 AWG (0.5 1.31mm)/
Category Type	2 or better
Impedance	100 ± 20 ohms
DC Loop Resistance	52 ohms per 1,000ft (18 ohms per 100m)
Differential Capacitance	19 pF/ft max (62 pF/m max)
Video input/output	Female BNC connector
Video input/output	Pluggable screw terminal block and RJ45 for UTP (select one connection)
Power video Transmission	12VDC, up to 750ft(250m) via UTP cat5e/6
Power video input	No external power required
Surge Protection	Built-in Transient Voltage Suppressor (TVS)
Antistatic	Yes
Dimensions	(L*W*H) 430*110*47mm
Housing	Galvanized
Body Color	Black
Net Weight	3220g
Operating Temperature	-25° ~ 75° C
Relative Humidity	0~95% (non-condensing)
Storage Temperature	-40° ~ 150° C
CE	Yes
FCC	Yes

*subject to change without prior notice



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