

UTP216-V

16-Channel Passive Video Transceiver Hub



PRODUCT SPECIFICATIONS

PRODUCT FEATURES

- Full-motion color video signal up to 1300ft(400m)
- 16-Channel Passive Video Transceiver Hub
- Monochrome (B&W) up to1970ft(600m) via UTP cat5e/6
- NTSC, PAL & SECAM video format compatible
- Real-time transmission
- No power required
- RJ45 and detachable terminal blocks for UTP cat5e/6
- Female BNC connector
- Exceptional interference rejection
- Built-in TVS(Transient Voltage Suppressors) for surge protection
- Lightning protection design
- 50 dB crosstalk and noise immunity
- Compact size and easy installation
- ABS engineering plastic housing



PRODUCT CAPABILITIES

The XTS-UTP216-V is a passive (non-amplified) hub that allows the transmission of real-time CCTV video signal via cost-effective Unshielded Twisted Paired (UTP) cable. Baseband (composite) signals of any type are supported.

The XTS-UTP216-V supports pluggable screw terminal or RJ45 connections. Used in pairs, it is capable to transmit 16 channel live CCTV color video signal from camera end and receive 16 channel video signal at DVR end via 4 UTP cable at distance up to 1300ft (400m). XTS-UTP216-V is compatible with all the other XTS passive transceiver for application at distance up to 1300ft (400m) and active receiver up to 2600ft (800m).

The superior interference rejection and low emissions of the XTS-UTP216-V allow video signals to coexist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable plant. It has built-in surge suppression to protect video equipment against damaging voltage spikes and provide noise immunity to ensure quality signals without disturbing "hum-bars".



TECHNICAL SPECIFICATIONS

UTP216-V

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, Male BNC 75 ohms/ UTP, Screw terminal block or RJ45 100 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)
Surge Protection	Built-in Transient Voltage Suppressor (TVS)
Antistatic	Yes
Dimensions	(L*W*H) 430*110*47mm
Housing	Galvanized
Desk Installation	4 rubber feet
Body Color	Black
mounting	Two 0.175 in (4.4mm) Diameter holes
Net Weight	1340g
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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