

UTP-16V-HDS

16CH Passive Video HUB



PRODUCT SPECIFICATIONS

DESCRIPTION

The **UTP-16V-HDS** video balun hub is a passive (non-amplified) device that allows the transmission of real-time CCTV HD video signal via cost-effective Unshielded Twisted Paired (UTP) cable. Baseband (composite) signals of any type are supported.

The **UTP-16V-HDS** supports pluggable screw terminal or RJ45 connections. Used with single channel HD passive video transmitter, the (model) is capable to receive 16 channel live CCTV HD video signal from camera end via 4 UTP cables.



FEATURES

- 16-Channel HD Passive Video Balun
- Real-time transmission over UTP cat5e
- No power required
- NTSC/PAL video format compatible
- Compatible with all HDS cameras
- Color video max up to 250m(820ft) for HDS 1080P analog camera
- Female BNC connector
- RJ45 and detachable terminal blocks for UTP cat5e/6
- Built-in TVS (Transient Voltage Suppressors) for surge protection
- Wave Filter Design and Anti-Static Design
- Lightning protection grade III
- 60 dB crosstalk and noise immunity
- Exceptional interference rejection
- Compact size and easy installation
- Rack, wall mountable and desk installation with 4 rubber feet
- Black galvanized housing



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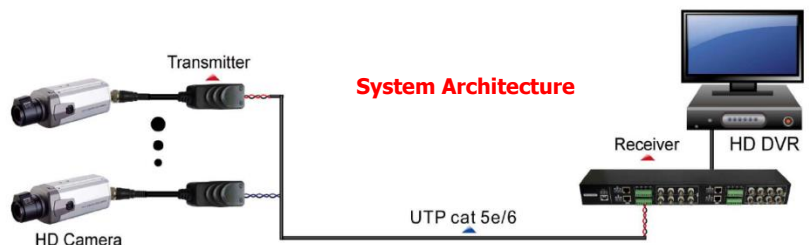
Note: Specifications subject to change without prior notice

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PRODUCT SPECIFICATIONS

UTP-16V-HDS	
Video	
Video format	PAL, NTSC
Operating frequency	DC to 42MHz
Max distance	Cat5e 24AWG unshielded 350MHz up to 200M (656ft) Cat6a 23AWG Enhanced 600MHz up to 250 (820ft)
Common-mode / Differential-mode rejection	15KHz to 42MHz 60 dB
Impedance	UTP, screw terminal block or RJ45 100Ω balanced
Attenuation	1.5 dB Max
Wire Type	
Network wiring	One Unshielded Twisted Pair (for each video signal) 24-16 AWG (0.5-1.31mm)
Category type	Cat5e/6
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)
Power	
Power input	No external power required
Power transmission	N/A
Connector	
Video input/output	Female BNC connector
Video input/output	Pluggable screw terminal block and RJ45 for UTP (select one connection)
Protection	
Surge protection	Renewable solid state surge protection
Antistatic	Yes
Video input	2KV(common mode), 10/700us IEC6100-4-5/1955(GB/T 1726, 5-1999)
Video output	2KV(common mode), 10/700us IEC6100-4-5/1955(GB/T 1726, 5-1999)
Mechanical	
Housing	Galvanized
Body color	Black
Dimensions (L*W*H)	430*85*44.5mm (BNC connector & mounting bracket excluded)
Net Weight	1250g
Environmental	
Operating temperature	20° ~ 70° C
Relative temperature	0~95% (non-condensing)
Storage temperature	40° ~ 150° C



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