

C-TP SERIES

Twisted Pair Transmission; Passive Series



Perfect Partners



Video Ground Loop Isolator

DVR Balun

-  **Ordering Codes**
C-TP101VHL Single channel Video Transceiver with extra interference rejection
-  C-TP101VPK Video & Power Transceiver One for each end (For CBC Kits)
-  C-TP104V 4 Channel passive Video Transceiver
-  C-TP116V 16 channel Video Transceiver hub

MODEL	C-TP101VHL	C-TP101VPK	C-TP104V	C-TP116V
Video Input (BNC connector)	1	1	4	16 port (terminal block)
Video Input	1V p-p, 75 Ohms			-
Video Output Port	N/A			16 port, 1V p-p, 75 Ohms
RJ-45 Output	Terminal	Terminal	1	N/A
Transmission Distance (metres)	600m (B&W), 400m (Col)			
Recommended Cable	CAT5			
Dimensions in mm(WxHxD)	23x23x330	23x23x330	120x133x44	482x170x44

KEY FEATURES:

- Immunity to noise
- Long distances (Over 1km)
- Easy installation
- Multiple video signals in the same bundle
- RS-422/RS-485 in the same bundle
- 12VDC/24VAC in the same bundle
- Lower cabling costs and space saving
- Better interference immunity

UTP (Unbalanced Twisted Pair) is a way of transmitting CCTV video signals on ordinary low cost CAT 5 type data cables using low cost Baluns (Balance Unbalance)

C-TP range of twisted pair transmission products are designed for CCTV signal transmission over unshielded twisted pair wire (CAT 5 network cable). This type of transmission is an alternative solution to the traditional coaxial and fiber based systems and gives the following benefits; Fast, easy installation, saving time and money, substantial savings on the cost of the cable itself, superb quality on long range transmission.

Most new commercial (and often residential) building developments install CAT 5 data "backbones" as standard for building management systems. These can be integrated TCP/IP or standard protocol networks. If there is spare unused cabling available, UTP CCTV systems can be installed without the need for additional costly extra wiring. Cat 5 cable is significantly cheaper than traditional RG59 and can fit far more conductors into a smaller space.

C-TP SERIES

Twisted Pair Transmission; Active Series

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Ordering Codes

- C-TPA101VT Video Transciever - active TX
- C-TPA101VR Video Transciever- active RX
- C-TPA104VR Video Transciever - 4 channel active receiver
- C-TP108VR 8 channel active receiver hub
- C-TPA116VR 16 channel active receiver hub with distribution amp & surge protected

MODEL	C-TP101VT	C-TP101VR	C-TP104VR	C-TP108VR	C-TP116VR
Video Output	N/A	1V p-p, BNC	75 Ω BNC	8 port 1V p-p,BNC	16 port 75Ω BNC
Power Input / Consumption	DC 12V, 400mA				
Video Gain Adjusting	N/A	YES	YES	YES	YES
Power Adapter	YES				
Transmission Distance (metres)	600m (B&W), 400m (Col)				N/A
Recommended Cable	CAT5				
Dimensions in mm(WxHxD)	49.2x49.2x41.7	57.8x49.2x41.7	120x133x44	482x170x44	

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- RS-422/RS-485 in the same bundle
- 12VDC/24VAC in the same bundle
- Lower cabling costs and space saving
- Better interference immunity



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