

HD CVI/TVI/AHD TWISTED PAIR TRANSMISSION SYSTEM

Passive Series

ITEM NO.: TPP016HD 16 Port HD Video Transceiver in 1U Rack Mounting Panel



Features:

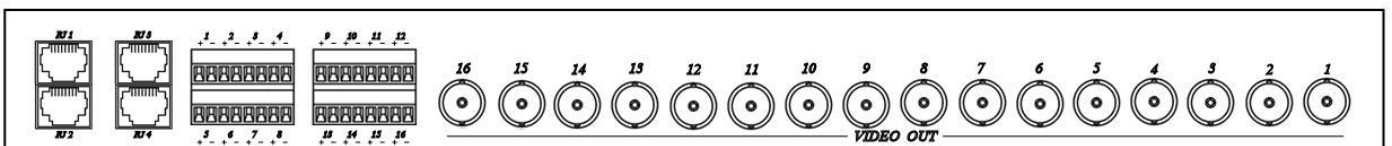
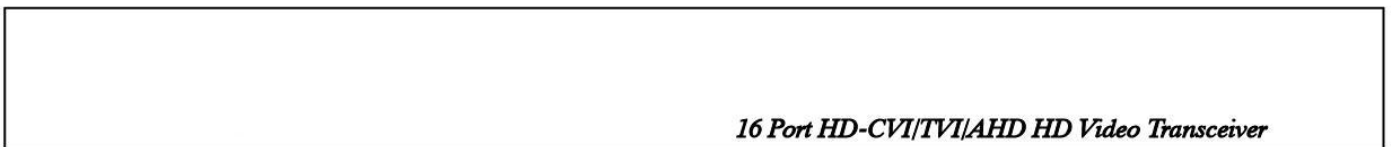
- Built in 16 port passive HD video transceiver in 1U 19" rack mounting panel.
- Choice of 4 x RJ45 or 4 sets x 8 pin removable screw terminal for 16 channel inputs / outputs.
- To send HD-CVI, AHD signal up to 300M over UTP cable.
- To send HD-TVI signal up to 200M over UTP cable.
- Passive, No power required.
- Eliminate Coaxial Cable.
- To work with Active Transmitter TTA111HDT, TTA111TVIT for extra long distance transmission.
- Built in ESD, EFT (impulse noise) and transient protection.

Installation:

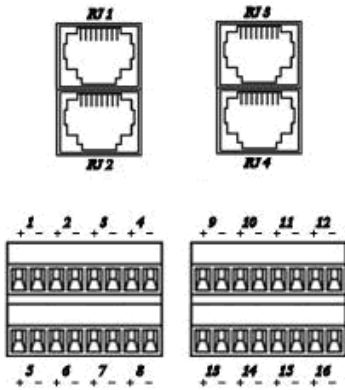
HD-CVI/AHD : 300M
HD-TVI : 200M



Panel View:



RJ-45 Jack Pin Define:



		RJ - 45 Jack 1					RJ - 45 Jack 2		
		PIN	Color	Function			PIN	Color	Function
		1	W-O	Video1 +			1	W-O	Video 2 +
		2	O	Video1 -			2	O	Video 2 -
		3	W-G	Video2 +			3	W-G	Video 3 +
		4	G	Video3 -			4	G	Video 3 -
		5	W-BL	Video3 +			5	W-BL	Video 4 +
		6	BL	Video2 -			6	BL	Video 4 -
		7	W-BR	Video 4 +			7	W-BR	Video 5 +
		8	BR	Video 4 -			8	BR	Video 5 -
		RJ - 45 Jack 3					RJ - 45 Jack 4		
		PIN	Color	Function			PIN	Color	Function
		1	W-O	Video 2 +			1	W-O	Video 6 +
		2	O	Video 2 -			2	O	Video 6 -
		3	W-G	Video 3 +			3	W-G	Video 7 +
		4	G	Video 3 -			4	G	Video 7 -
		5	W-BL	Video 3 +			5	W-BL	Video 8 +
		6	BL	Video 2 -			6	BL	Video 8 -
		7	W-BR	Video 4 +			7	W-BR	Video 9 +
		8	BR	Video 4 -			8	BR	Video 9 -

NOTE : These devices is reversible, BNC connector = RJ45

This installation should be made by a qualified service person and should conform to all local codes.

Recommend Cable:

Use high quality CAT5e UTP or CAT6 UTP cable. The max working distance is 300M. The distance may effected by the quality of cable, camera, DVR.

Caution:

1. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.
2. Must use same video format camera to avoid any interference.

Specification:

ITEM NO.	TPP016HD
Video Input /Output	BNC x 16 (1 Vp-p , 75 Ohm)
RJ45 Output	8 Pin removable terminal x4 (100 Ohm) /RJ45 x4
Cable	CAT5e/CAT6 UTP
Bandwidth	50Hz ~ 60MHz (-3dB)
Transmission Distance	HD-CVI/AHD: 300M, HD-TVI: 200M
Power	X
ESD protection	30 KV(Air) , 15 KV (Contact) ; IEC 61000-4-2 compliant
EFT protection	40A(5/50ns) ; IEC 61000-4-4 compliant
Lightning protection	2A (8/20μs) ; IEC 61000-4-5 compliant
Surge Protection Attack Time	< 1 nS
Environmental Specifications	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions W x H x D mm	483 x 103.5 x 44 (1U)
Weight g	1380



Rev.A