

# 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 HDCVI/AHD signal up to 400M over UTP cable.
- To send HD-TVI signal up to 250M 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:

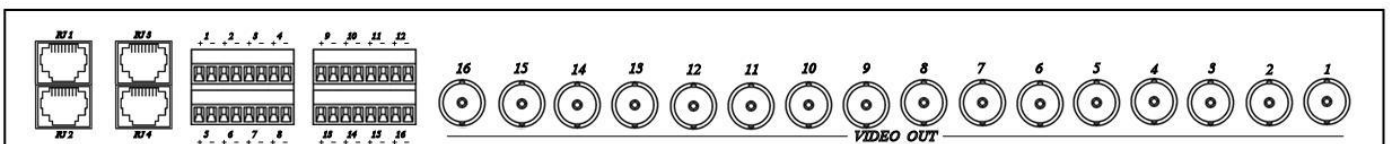


Resolution	HD-TVI	AHD	HDCVI
720P	250M	400M	400M
1080P	250M	250M	400M

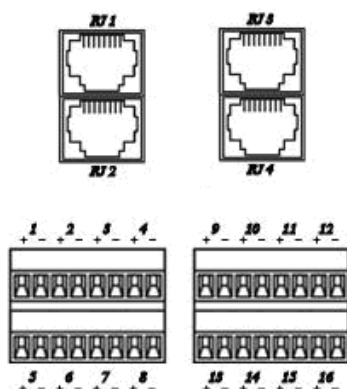
The distance may be affected by the quality of cable, camera, DVR. This installation should be made by a qualified service person and should conform to all local codes.

## Panel View:

16 Port HD-CVI/TVI/AHD HD Video Transceiver



## RJ-45 Jack Pin Define:



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

RJ - 45 Jack 2		
PIN	Color	Function
1	W-O	Video5 +
2	O	Video5 -
3	W-G	Video6 +
4	G	Video 7 -
5	W-BL	Video 7 +
6	BL	Video 6 -
7	W-BR	Video 8 +
8	BR	Video 8 -

**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	720P: HDCVI 400M, AHD 400M, HD-TVI 250M 1080P: HDCVI 400M, AHD 250M, HD-TVI 250M
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

RoHS CE FC

Rev.A2