

# HD CVI/TVI/AHD TWISTED PAIR TRANSMISSION SYSTEM Passive Series

ITEM NO.: ATP414HD-TR 4 Channel HD-CVI/TVI/AHD HD Video Transceiver



## Features:

- 4 Channel UTP Video Transceiver, send 4 HD camera signal over one CAT5e/CAT6 cable.
- 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.
- Choice of RJ45 or push pin terminal inputs/outputs.
- To work with Active Transmitter ATA111HD-T for extra long distance transmission.
- Built in ESD, EFT (impulse noise) and transient protection.

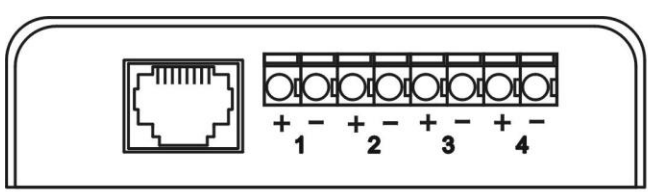
## Installation:



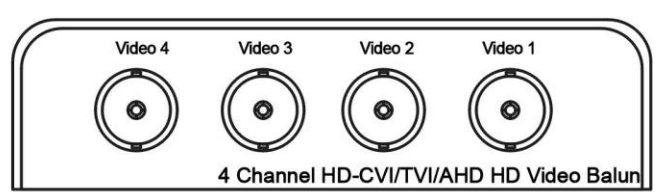
Resolution	HD-TVI	AHD	HDCVI
<b>720P</b>	<b>250M</b>	<b>400M</b>	<b>400M</b>
<b>1080P</b>	<b>250M</b>	<b>250M</b>	<b>400M</b>

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:




Front View



Rear View

## RJ-45 Jack Pin Define

		RJ - 45 Jack		
		PIN	Color	Function
	1	W-O	Video1 +	
	2	O	Video1 -	
	3	W-G	Video2 +	
	4	BL	Video3 -	
	5	W-BL	Video3 +	
	6	G	Video2 -	
	7	W-BR	Video4 +	
	8	BR	Video 4-	

**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.	ATP414HD-TR
Video Input /Output	BNC x 4 (1 Vp-p , 75 Ohm)
RJ45 Output	8 Pin terminal (100 Ohm ) /RJ45
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	110 x 80.6 x 26.3
Weight g	195

RoHS CE FC