

HD CVI/TVI/AHD TWISTED PAIR TRANSMISSION SYSTEM

Passive Series

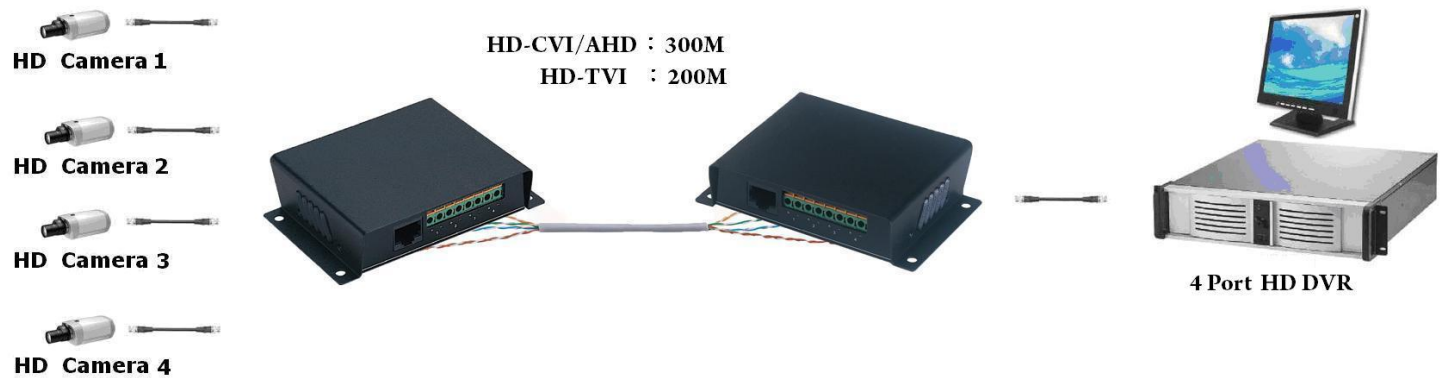
ITEM NO.: 4 Channel HD-CVI/TVI/AHD HD Video Transceiver (Balun)



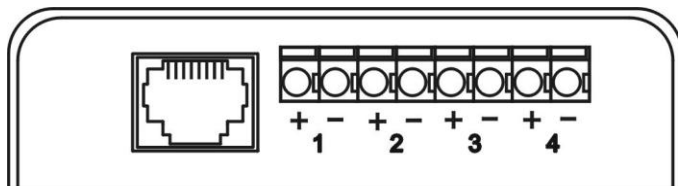
Features:

- 4 Channel UTP Video Transceiver, send 4 HD camera signal over one CAT5e/CAT6 cable.
- 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.
- Choice of RJ45 or push pin terminal inputs/outputs.
- To work with Active Transmitter TTA111HDT, TTA111TVIT for extra long distance transmission.
- Built in ESD, EFT (impulse noise) and transient protection.

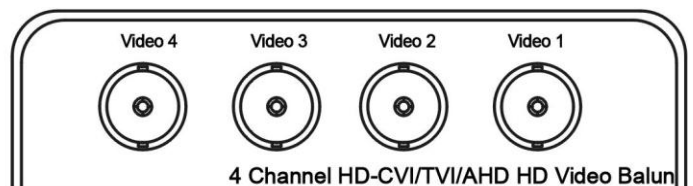
Installation:



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. | TTP414HD |
| 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 | 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 | 110 x 80.6 x 26.3 |
| Weight g | 195 |

RoHS CE FC

Rev.A