

# 16CH Passive HD Video Transceiver

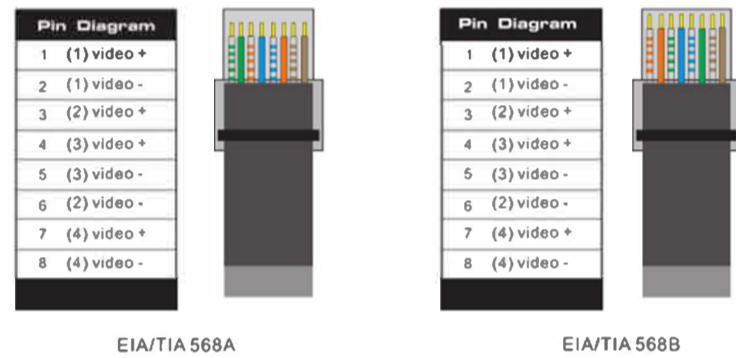
## W-HDVB216

The 16 channel passive(non-amplified) HD video balun/transceiver allows transmission of real-time and high-performance color or monochrome (B/W) CCTV HD video over UTP cable. It can be used as either transmitter or receiver. Featuring compact ID design, it's perfect for multi-point surveillance.

### Features:

- > 1pc 16CH passive HD video transceiver+2pcs rack-mounting ear+8pcs rack-mounting screws+4pcs robber pad
- > Compatible with HDTV/HDCVI/AHD signal.
- > Color HD video transmission distance (passive to passive):  
HDCVI 720p: 400m/ 1080P: 250m/4MP:200m;  
HDTVI 720P/1080P: 250m/4MP:200m;  
AHD 720P: 350m/ 1080P: 200m/4MP:200m
- > Color HD video transmission distance up to 600m(passive to active):
- > Passive, no need for power supply.
- > Using CAT 5/5E/6 UTP cable.
- > RJ-45 or green terminal block to be chosen to connect UTP cable.
- > Compact ID design.
- > Plug and play, simple installation.
- > Super surge protection & interference rejection.
- > Real-time transmission, no delay.

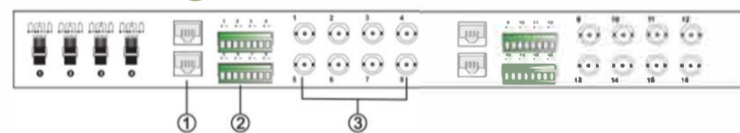
### RJ45 PIN Diagram



### Attention:

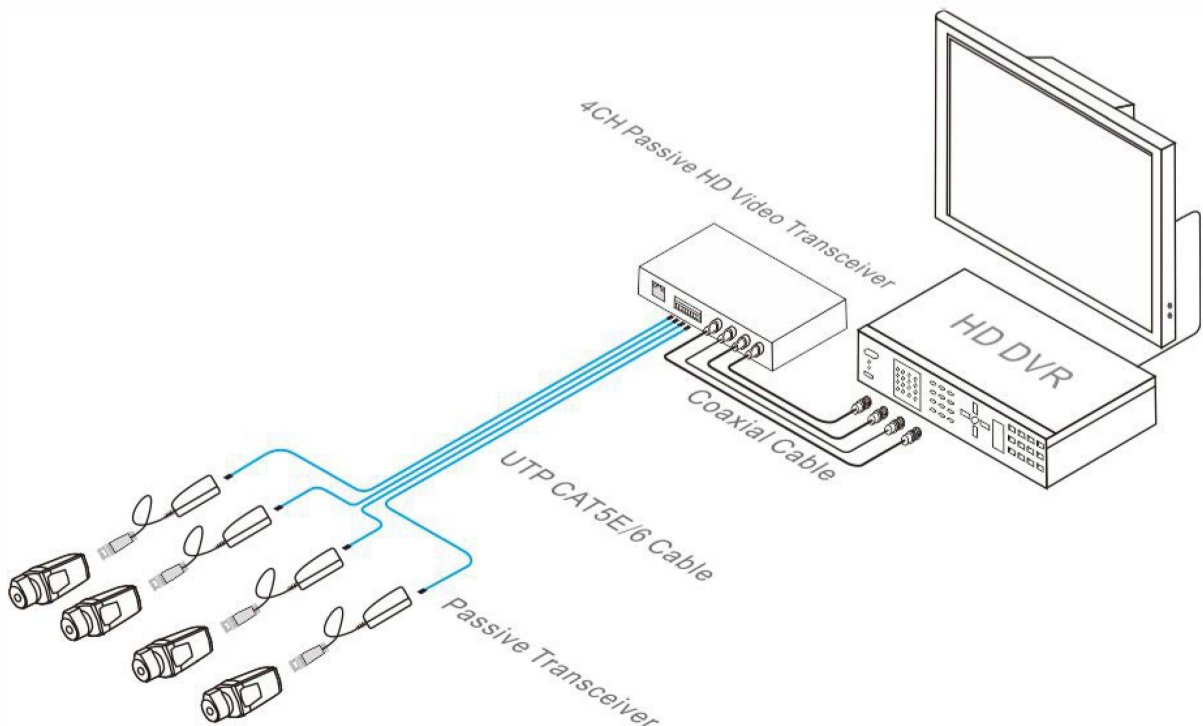
- \*If choose green terminal block, cable of same color should be in the same pin.
- \*When choose RJ-45, make sure if one end is EIA/TIA568A, the other end should also be EIA/TIA568A.
- \*Or if one end is EIA/TIA568B, the other end should also be EIA/TIA568B.

### Panel Diagram



- ① RJ-45: please refer to "how to make RJ-45 plug".
- ② 8 pin green terminal block: to connect UTP cable directly.
- ③ BNC-F: for HD video input or output.

### Typical Application:



Transceiver  
16CH Passive HD Video

### Specifications:

**Channels:** 16 channels

**Transmission Distance:**

- HDCVI 720P:400M/1080P:250m/4MP:200m;
- HDTVI 720P/1080P: 250m/4MP:200m;
- AHD 720P: 350m/ 1080P: 200m/4MP:200m

**Video Connector:** BNC-F

**UTP Cable Connector:** 8 pin green terminal block, RJ-45.

**Compatible With:** HDTVI/HDCVI/AHD signal

**Signal Transmission Band:** 0-65MHz

**Interference Rejection:** >60db

**Video Connector Protection:** 2KV(common mode)  
Per: IEC61000-4-5

**UTP Cable Connector Protection:** 2KV(different mode)  
4KV(common mode)  
Per: IEC61000-4-5

**ESD:**

- >Contact Discharge: 6000V
- > Air Discharge:8000V
- >Per: IEC61000-4-2

**MTBF:** >20000H

**Size:** 430x100x44.5mm(1U)

**Outer Shell:** Iron Metal

**Color:** Black

**N.W.:** 1250g

**Operation Temperature:** 0°C-50°C

**Storage Temperature:** -20°C-80°C

**Relative Humidity:** 0%-95%(non-condensing)