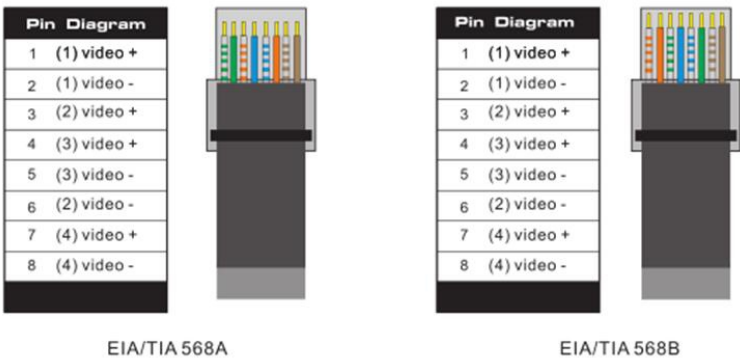# STR104P-HD

The 4 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 4CH 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.
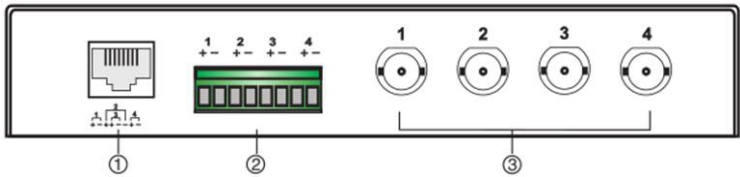> Real-time transmission, no delay.

4CH Passive HD Video Transceiver

RJ45 PIN Diagram

Pin	Diagram
1	(1) video +
2	(1) video -
3	(2) video +
4	(3) video +
5	(3) video -
6	(2) video -
7	(4) video +
8	(4) video -

EIA/TIA 568A

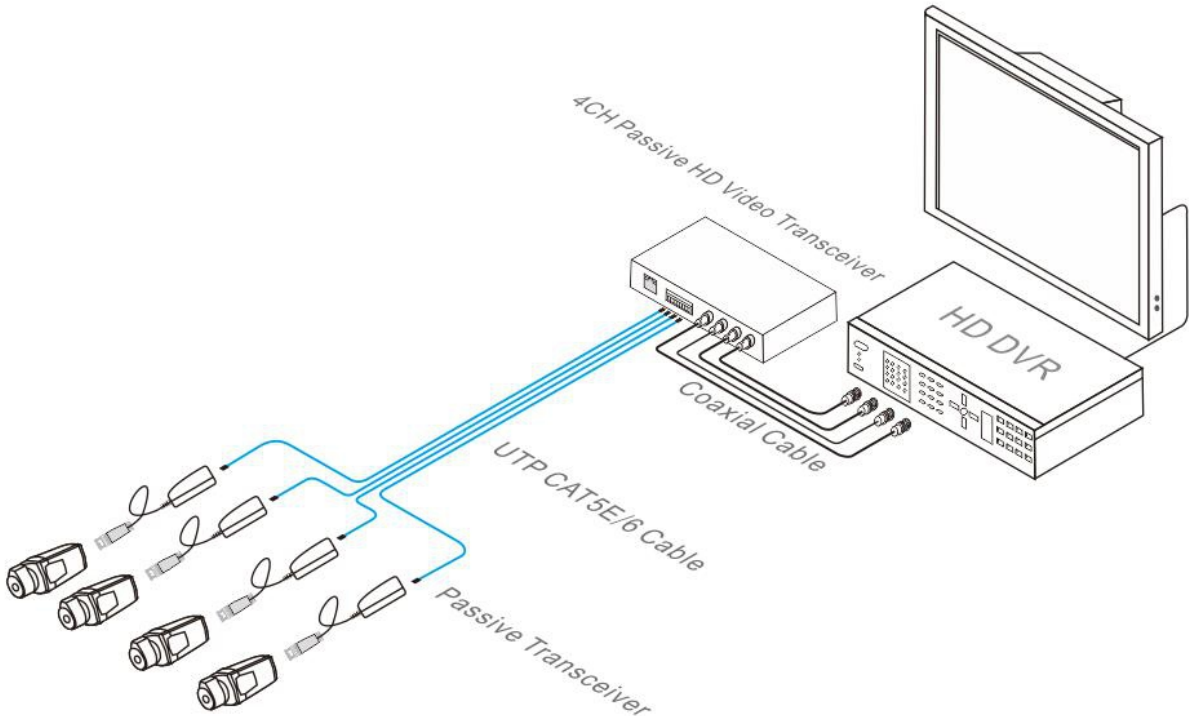| Pin	Diagram
1	(1) video +
2	(1) video -
3	(2) video +
4	(3) video +
5	(3) video -
6	(2) video -
7	(4) video +
8	(4) video -

EIA/TIA 568B

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.

Specifications:

Channels: 4 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: 180x85x32mm
Outer Shell: Iron Metal
Color: Black
N.W.: 450g
Operation Temperature: 0ºC-50ºC
Storage Temperature: -20ºC-80ºC
Relative Humidity: 0%-95%(non-condensing)

Typical Application: