

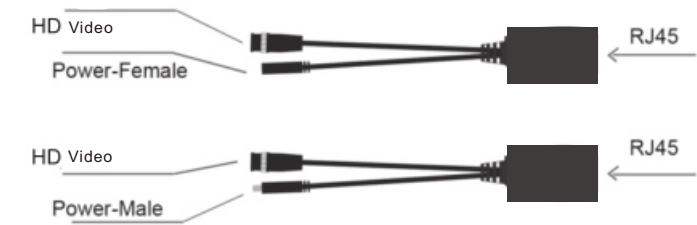
STR101PV-HD

The device is a pair of passive(non-amplified) HD video and power transceiver. It can supply 1CH stable 12V DC power to camera in 100 meters distance.

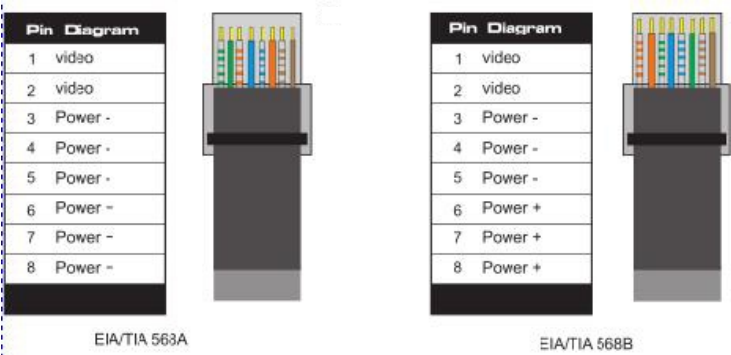
Features:

- > 1pr single channel HD video & power transceiver.
- > Transmission distance with passive transmitter:
HDCVI 720p: 400m/ 1080P: 250m/4MP:200m;
HDTVI 720P/1080P: 250m/4MP:200m;
AHD 720P: 350m/ 1080P: 200m/4MP:200m
- > Power transmission up to 100m.
- > It support power supply on 12V DC or 24V AC.
- > Built-in surge & transient protection.
- > Super interference rejection.
- > LED indicate whether working(green light) or not working (yellow light).
- > Structure: delicate design, support MIT rack.

Outer shell diagram:



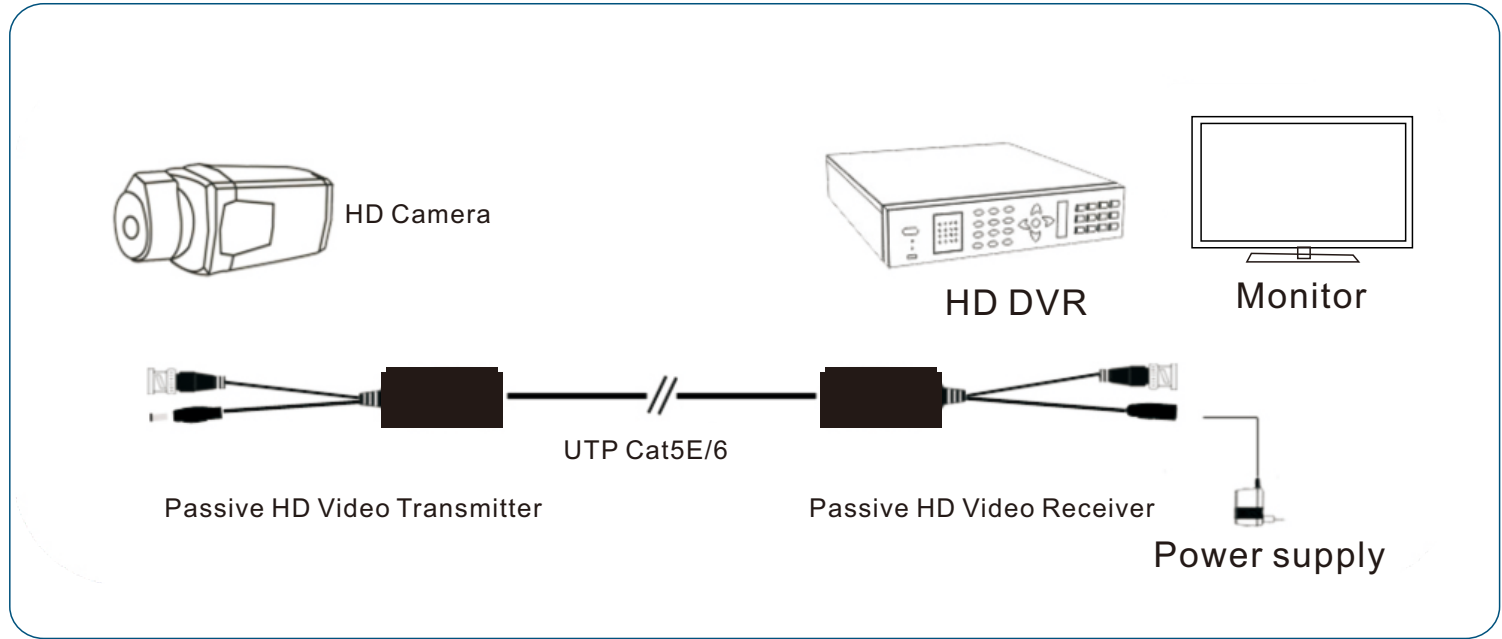
RJ45 PIN Diagram:



Attention:

- *Make sure if one end is EIA/TIA568A, the other end should also be EIA/TIA568A.
- *Make sure if one end is EIA/TIA568B, the other end should also be EIA/TIA568B.

Typical Application:



with Power
Passive HD Video Balun

Specifications:

- Video Properties:** HDCVI, HDTVI, AHD.
- Video Signal Band:** 250MHz(~3db)
- Video Balance Band:** --65MHz
- Transmission Distance:** HDCVI 720P: 400m/ 1080P: 250m
HDTVI 720P/1080P: 250m
AHD 720P: 350m/ 1080P: 200m
- Surge Protection:** 2KV Common mode;
2KV Differential mode(10/700us)
- Video Protection Standard:** IEC61000-4-5/1955
- Suggested Max Current:** 1.5Amp
- Suggested Cable:** UTP Cat 5E
- Gross Weight:** 105g (2units in one package)

Power Transmission Information:

| | | | | | | | | |
|--------|--------------|--------|--------------|------|------------|--------|-------------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| T568A: | White Green | Green | White Orange | Blue | White Blue | Orange | White Brown | Brown |
| T568B: | White Orange | Orange | White Green | Blue | White Blue | Green | White Brown | Brown |

Voltage Drop According to Cable Length (24AWG):

| Transmission Distance | Transmission Voltage (12V DC,0.5A) | Transmission Voltage (12V DC,1A) | Transmission Voltage (12V DC,1.5A) |
|-----------------------|------------------------------------|----------------------------------|------------------------------------|
| 50M / 160Ft | 13.5V | 15.5V | 17.0V |
| 100M / 320Ft | 15.5V | 18.5V | 22.0V |
| 150M / 500Ft | 17.0V | 22.0V | 27.0V |
| 200M / 650Ft | 18.5V | 25.5V | 32.0V |

Caution:

- *It is not waterproof and not to be used outdoors.
- *Do not operate the device with wet hands.
- *If using T568A standard, make sure the other end is matched to T568A.
- *If using T568B standard, make sure the other end is matched to T568B.