

STR101PV-S

The device is a pair of passive(non-amplified) HD video transceiver combined with a 24-36V DC to 12V DC converter. Built-in 1000V isolated power supply, eliminate interference effectively when centralized power supply. It can supply 1CH stable 12V DC power to camera in 300 meters distance.

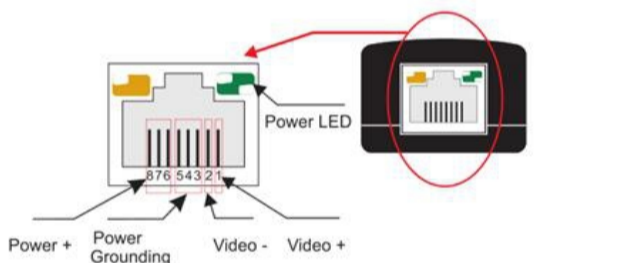
Features:

- >1pr single channel HD video & power transceiver.
- >Input voltage:24-36V DC; 15-24V AC; Output max 12V DC 10W(Input voltage=36V).
- >Supply 1CH stable 12V DC power to camera max to 300M, simplified project wiring.
- >Input/output isolated power voltage up to 1000V
- >HD video transmission distance:
HDCVI 720p: 400m/ 1080P: 200m
HDTV 720P/1080P: 200m
AHD 720P: 300m
- > Power efficiency up to 80%.
- > RJ-45 plug for easy installation.
- > Safety: anti-interference, super surge protection, anti-static, transient protection.
- >Outer design: win extend coaxial cable, easy to install with DVR, RJ45, BNC,DC.

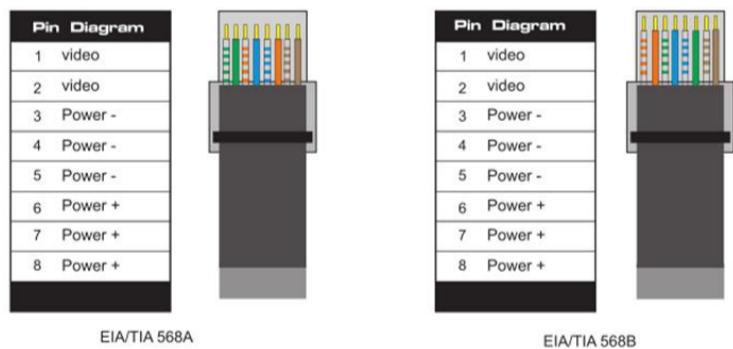


Power Transceiver
Single Channel HD Video &

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.

Specifications:

Transmission signal: 1 channel.

HD Video transmission distance:

- >HDCVI: 720P:400m; 1080P:200m
- >HDTV: 720P/1080P:200m
- >AHD: 720P:300m; 1080P:200m

Input Voltage:

- >DC 24V: Distance: 0-100m, Outpu(max): DC 12V 10W
Distance: 100-200m, Outpu(max): DC 12V 6W
Distance: 200-300m, Outpu(max): DC 12V 3W
- >DC 36V: Distance: 0-300m, Outpu(max): DC 12V 10W

Category Type: UTP CAT5/5E/6

Coaxial video connector: BNC-M

Twisted-pair video port: RJ-45

Compatible Format: HDCVI/HDTV/AHD

Resolution: 720P/1080P

Network bandwidth: 0-65M

Anti-interference: >60db

ESD: 1a contact discharge electricity level 3

1b air discharge electricity level 3

Per: IEC61000-4-2

Coaxial cable connector: 2KV(common-code)

Per: IEC1000-4-5

UTP Cable Connector: 2KV(different-code),

4KV(common-code),

Per:IEC1000-4-5

BNC male: 75 ohms

UTP cable: 100 ohms

Shell: ABS

Color: Black

MTBF: >10000H

Operating temperature: -10° C-55° C

Storage temperature: -20° C-70° C

Humidity: 0-95%(non-condensing)

Typical Application:

