

STR101PV-ST

The device is a passive(non-amplified) HD video transmitter combined with a 24-36V DC to 12DC converter. Built-in 1000V isolated power supply, eliminate interference effectively when centralized power supply.

- Input voltage:24-36V DC; 15-24V AC;Output max 12V 10W(Input voltage=36V)
- Supply 1CH stably 12V DC power to camera max to 300M,simplified project wiring
- Input/output isolated power voltage up to 1000V

Features:

- >1pc single channel HD video Transmitter & 12V DC Converter.
- >Input voltage: 24V-36V DC; 15-24V AC; Output max 12V 10W (Input voltage=36V).
- >Supply 1CH stably 12V DC power to camera max to 300M, simplified project wiring.
- >Input/output isolated power voltage up to 1000V.



Specifications:

Transmission signal: 1 channel.

HD Video transmission distance:

- >HDCVI: 720P:400m; 1080P:200m
- >HDTVI: 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/HDTVI/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

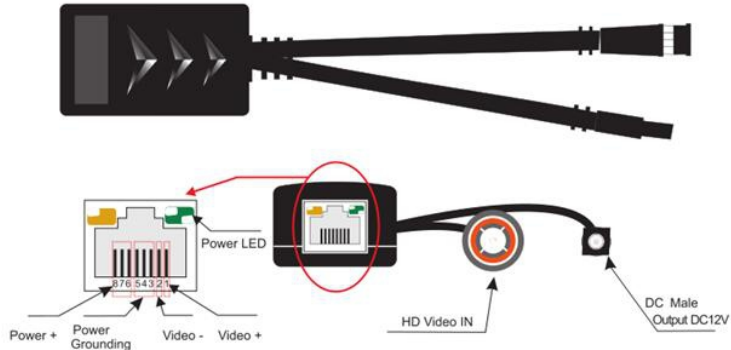
MTBF: >10000H

Operating temperature: -10° C-55° C

Storage temperature: -20° C-70° C

Humidity: 0-95%(non-condensing)

Outer shell diagram



RJ45 PIN Diagram

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

EIA/TIA 568A
EIA/TIA 568B

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:

