

## STR116PV-SV36-HD

The receiver is a UTP transceiver that can transfer HD video and power at the same time. The product adopts Cat5/5e/6 as transmission medium to transfer 16CH HDCVI/HDTV1/AHD signal and provide power for camera in 300m to simplify the project. The product features long distance, high quality transmission, strong anti-interference. It's recommended in CCTV surveillance system.

### Features:

- > 1pcs 16 channel 36V power supply passive HD video receiver hub+1pc AC power cable+2pcs rack-mounting screws+8pcs rack-mounting screws+4pcs robber pad
- > Receive 16 channels HD video and provide power supply
- > Compatible with HDCVI/ HDTV1/ AHD
- > Output DC36V 100W/150W/320W power supply
- > Color HD video transmission distance (passive to passive):
  - HDCVI 720P:400m; 1080P:250m
  - HDTV1 720P/1080P:250m
  - AHD 720P:350m; 1080P:200m
- > Power supply transmission distance up to 300m, providing max DC 12V 10W for each channel
- > Power LED, Overload Protection LED
- > Built-in fan for thermal dissipation
- > Plug and play, simple installation
- > Super surge protection and interference rejection



Video Receiver Hub

### 16CH36V Power Supply Passive HD

### Specifications:

**Transmission Signal:** 4 channel

**HD Video Transmission Distance:**

- > HDCVI, 720P: 400m; 1080p:250m
- > HDTV1, 720P / 1080P: 250m
- > AHD, 720P: 350m; 1080P:200m

**Power Transmission Distance:** 300m(Max DC 12V 10W for each camera)

**Video Connector:** BNC-M

**UTP Cable Connector:** RJ45

**Compatible With:** HDCVI/HDTV1/AHD

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

**Interference Rejection:** >60dB

**Surge Protection:** 2KV 10/700us Per IEC61000-4-5

**ESD:**

- > Contact Discharge: 600V
- > Air Discharge: 8000V
- > IEC61000-4-2 1955

**MTBF:** >20000h

**Size(LWH):** 430X200X66.8mm

**Outer Shell Material:** Iron Metal

**Color:** Black

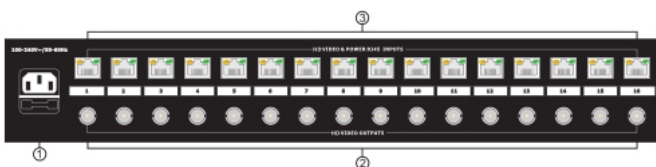
**N.W.:** 3.76kg

**Operation Temperature:** 0° C-55° C

**Storage Temperature:** -20° C-88° C

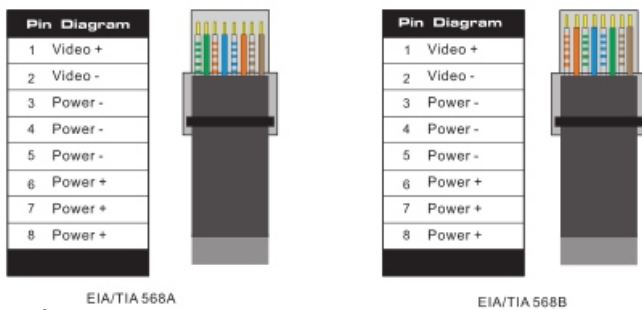
**Relative Humidity:** 0%-95%(non-condensing)

### Panel Diagram:



- ① Power Supply Input: 100V-240V 50-60Hz power input connector.
- ② BNC: HD Video output.
- ③ RJ45: The green LED is power indicator, if on it's working normally, if weak it's not. The yellow LED is shortcut protection LED.

### 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:

