STR103AR-HD

The product is a 3channel active HD Video Receiver. The product adopts Cat5/5e/6 UTP cable as transmission medium. It can real-time receive 3CH HD video signal. It can work together with passive transmitter. It features long transmission distance, good transmission effect, super anti-interference, widely CCTV sureillance system.

Features:

> 1pc 3CH Active HD video Receiver+2pcs rack-mounting ear +8pcs rack-mounting screws+1pc Phillips screwdriver
> Power Input: DC 9V~40V.
> Transmission: real-time transfer CVI/TVI/AHD video signal with high quality video.
> Transmission distance with passive transmitter:
  HDCVI 720p: 500m/ 1080P: 350m
  HDTVI 720P/1080P: 300m
  AHD 720P: 500m/ 1080P: 300m
  Analog video: 650m
> BNC output max 300m for coaxial cable.
> Function: adopts UTP cable for the transmission, support knob adjustment.
> Protection: wide range voltage DC power input, strong surge protection and anti-interference.
> Structure: delicate design, support MIT rack.

Receiver

3CH Active HD Video

Specifications:

Transmission Channel: 3CH
Output: 6CH
Volage Range: DC9V~40V
Power Rate: <3W
Coaxial Port: Female BNC
UTP Cable Port: 6pin port
Video System: HDCVI/HDTVI/AHD/Analog
Signal Bandwidth: 65MHz
Anti-interference: >75dB

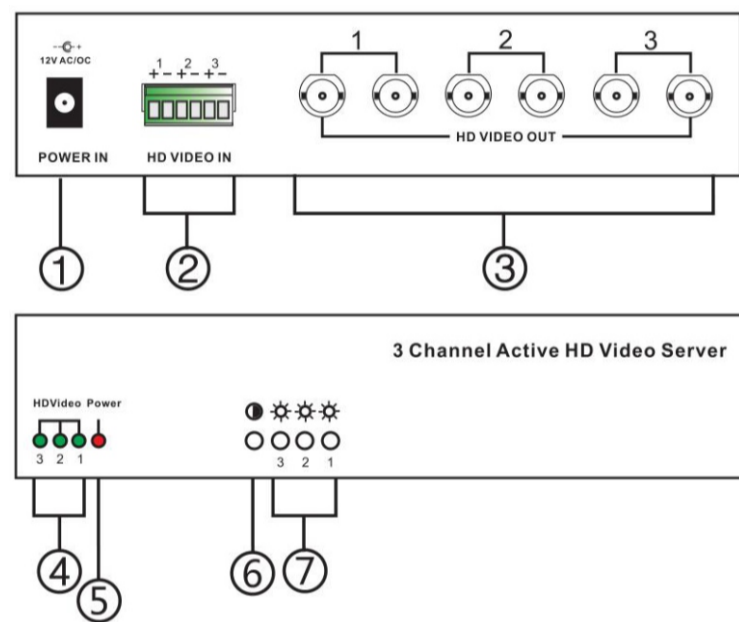**HD video transmission distance (Passive with active):**
> HDCVI 720P:500M/1080P:350m
> HDTVI 720P/1080P: 300m
> AHD 720P: 500m/ 1080P: 300m
> Analog: 650m

Power LED: RED
Signal LED: Green.
Power Port Protection: 2KV/1KA Per: IEC61000-4-5
Coaxial Port Protection: 2KV Per: IEC61000-4-5
RJ45 Port Protection: 2KV(Different Mode)
                    4KV(Common Mode)
                    Per: IEC61000-4-5

 ESD:
> 1a contact discharge Level 3
> 1b air discharge Level3
> Per: IEC61000-4-2

Working Temperature: 0^oC-55^oC
Storage Temperature: -20^oC-80^oC
Humidity: 0%-95%
Size: 180x35x60mm
Case: Aluminum
Color: Black
N.W.: 400g
MTBF: >20000H

Board Diagram:

① Power supply block: Power supply input.
② Green terminal block: HD Video in.
③ BNC-M: HD Video Output.
④ HD Video LED: HD Video.
⑤ Power LED: Power.
⑥ Knob adjustment: Contrast.
⑦ Knob adjustment: Brightness.

Typical Application: