

## 4 Channel Power Supply Passive Video Receiver

### 【Product Description】

The video receiver is a transmission device that uses twisted pair as the transmission medium to integrate video and power. It can transmit 4-channel video images in real-time and is compatible with PAL, NTSC, SECAM, and other standard videos. The input voltage is AC100-240V 50Hz/60Hz wide voltage, built-in 15V DC centralized power supply, the maximum output current of each channel is 1A, and the D100-POC-1VPT output is used to supply power to the front-end equipment. The maximum transmission distance is 250 meters, and it is now widely used in the field of video image transmission.

The video receiver adopts a 3-level lightning protection, anti-static and ground isolation circuit protection design, which can well protect the device from damage by static electricity and lightning strikes. The power supply part uses multi-layer filter processing, with over current, overload, over-voltage and automatic recovery, etc functions. Therefore, can effectively protect the equipment and improve the image transmission effect.

The receiver uses the RJ45 port at one end. Compatible with international EIA/TIA-568A or 568B standards, easy to achieve network cable connection. The other end BNC female connector, the design of the entire product fully considers the convenience of the actual installation of the project, has been widely used in complex transmission fields such as security, teaching, military, and communications.

### 【Features】

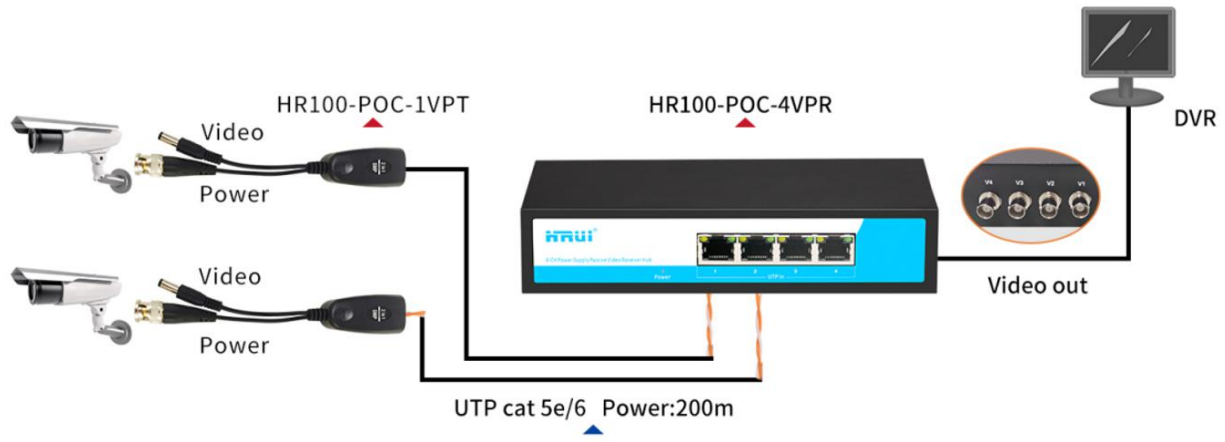
- Support 4-channel video, 4-channel power supply, real-time transmission of PAL, NTSC, SECAM standard video signals, clear and stable without smear
- The maximum transmission distance of the video signal is 200 meters
- The maximum transmission distance of the power supply is 200 meters
- 1 pair of twisted pairs to transmit video signals, 3 pairs of twisted pairs to transmit power
- Input voltage is 100-240V AC 50Hz/60Hz, output 15V DC, the maximum current of each channel is 1A
- Adopt three-level protection design
- Can be used as a transmitter or receiver
- One end uses RJ45 port for easy connection, the other end is full copper BNC female interface

### 【Application Environment】

- Metropolitan area fiber broadband network: telecommunications, cable TV, network system integration, etc., network operators.
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.
- Multimedia transmission: image, voice, data integrated transmission, suitable for remote teaching, conference TV, videophone and other applications.

- Real-time monitoring: simultaneous transmission of real-time control signals, images, data

### 【Connection diagram】



### 【Technical parameters】

Product Name	4 Channel Power Supply Passive Video Receiver	
Product Model	HR100-POC-4VPR	
Port Definition	4 * 10/100M POE Port+4 * BNC Female connector	
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3x	
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 M) 100BASE-TX: Cat5 or above UTP(≤100 M) 1000BASE-TX: Cat5 or above UTP(≤100 M)	
Power Supply	Input Voltage: AC 100-240V Output Voltage: 15V4.3A Total Power: 65W	
LED Indicator	Green light	Lighting: Powered Un-Light: No Power
	Yellow light	Flashing: Output short circuit Un-Light: System is operating normally
Physical structure	Product Dimensions (L×W×H): 200*120*45mm Package Dimensions (L×W×H): 303*190*60mm Product weigh: 0.6kg Package weight: 1.0kg	
Working Environment	Operating temperature: -20~50° C Storage temperature: -40~85°C	

	Operating humidity: Maximum relative humidity 90%, non-condensing Storage humidity: maximum relative humidity 95%, non-condensing Working height: Maximum 10,000 feet (3,000 meters) Storage height: Maximum 10,000 feet (3,000 meters)
Certification	CE、FCC、RoHS
MTBF	100,000 hours
Packing list	POC: 1 Set Instruction manua: 1PC Certificate, warranty card: 1PC power cable: 1PC Splitter: 4PCS

**【Ordering Information】**

Equipment model	Description
HR100-POC-4VPR	4 * 10/100M POE Port+4 * BNC Female connector

**【Product Picture】**

