BA607PV-HD

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.

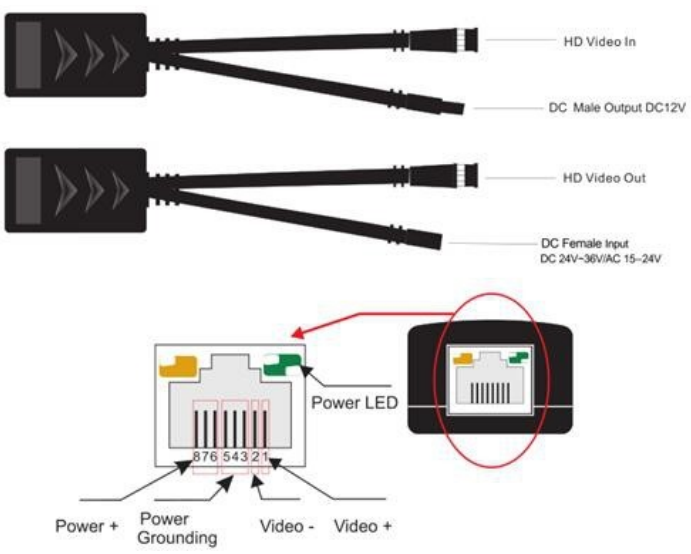
Features:

>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
HDTVI 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

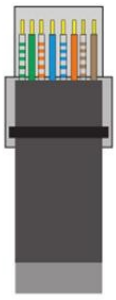
Single Channel HD Video &

Outer shell diagram



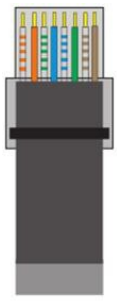
RJ45 PIN Diagram

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



EIA/TIA 568A

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



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.

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)

Typical Application: