

TT-204P-HD



- >1pc 4CH passive HD video transceiver+2pcs rack-mounting ear
- +8pcs rack-mounting screws+4pcs robber pad
- > Compatible with HDTVl/HDCVl/AHD signal.
- > Color HD video transmission distance (passive to passive):
HDCVl 720P: 400M / 1080P: 250M; 4MP:200M ; 4K/8MP: 200M(Max)
HDTVl 720P/1080P: 250M; 5MP:200M ; 4K/8MP: 150M(Max)
AHD 720P: 350M / 1080P: 200M; 5MP:200M; 4K/8MP: 150M(Max)
- > Color HD video transmission distance up to 600m(passive to active):
- > Passive, no need for power supply.
- > Using CAT 5/5E/6 UTP cable.
- > RJ-45 or green terminal block to be chosen to connect UTP cable.
- > Compact ID design.
- > Plug and play, simple installation.
- > Super surge protection & interference rejection.
- > Real-time transmission, no delay.



Description

The TT-204P-HD video balun hub is a passive (non-amplified) device that allows the transmission of real-time CCTV HD video signal via cost-effective Unshielded Twisted Paired (UTP) cable. Baseband (composite) signals of any type are supported.

TT-204P-HD supports pluggable screw terminal or RJ45 connections. Used with single channel HD passive video transmitter, it is capable to receive 4 channel live CCTV HD video signal from camera end via one UTP cable.

The superior interference rejection and low emissions of the TT-204P-HD allow video signals to coexist in the same wire bundle as telephone, datacom, or low-voltage power circuit. This allows the use of a shared or existing ccable plant. The TT-204P-HD is built-in surge suppressor to protect video equipment against damaging voltage spikes and provide noise immunity to ensure quality signals without disturbing "hum-bars".

Applications

- > Security Monitoring System
- > Multitmedia Network Teaching System
- > Medical Monitoring Display system
- > Industrial Automation Control System
- > Banking, securities, financial information display system
- > Remote Network server monitoring
- > Department store security
- > Casing security
- > Hospitals, airports and banks
- > School campuses

Specifications

Channels: 4 channels

Transmission Distance:

HDCVl 720P: 400M / 1080P: 250M; 4MP:200M ; 4K/8MP: 200M(Max)

HDTVl 720P/1080P: 250M; 5MP:200M ; 4K/8MP: 150M(Max)

AHD 720P: 350M / 1080P: 200M; 5MP:200M; 4K/8MP: 150M(Max)

Video Connector: BNC-F

UTP Cable Connector: 8 pin green terminal block, RJ-45.

Compatible With: HDTVl/HDCVl/AHD/CVBS signal

Signal Transmission Band: 0-65MHz

Interference Rejection: >60db

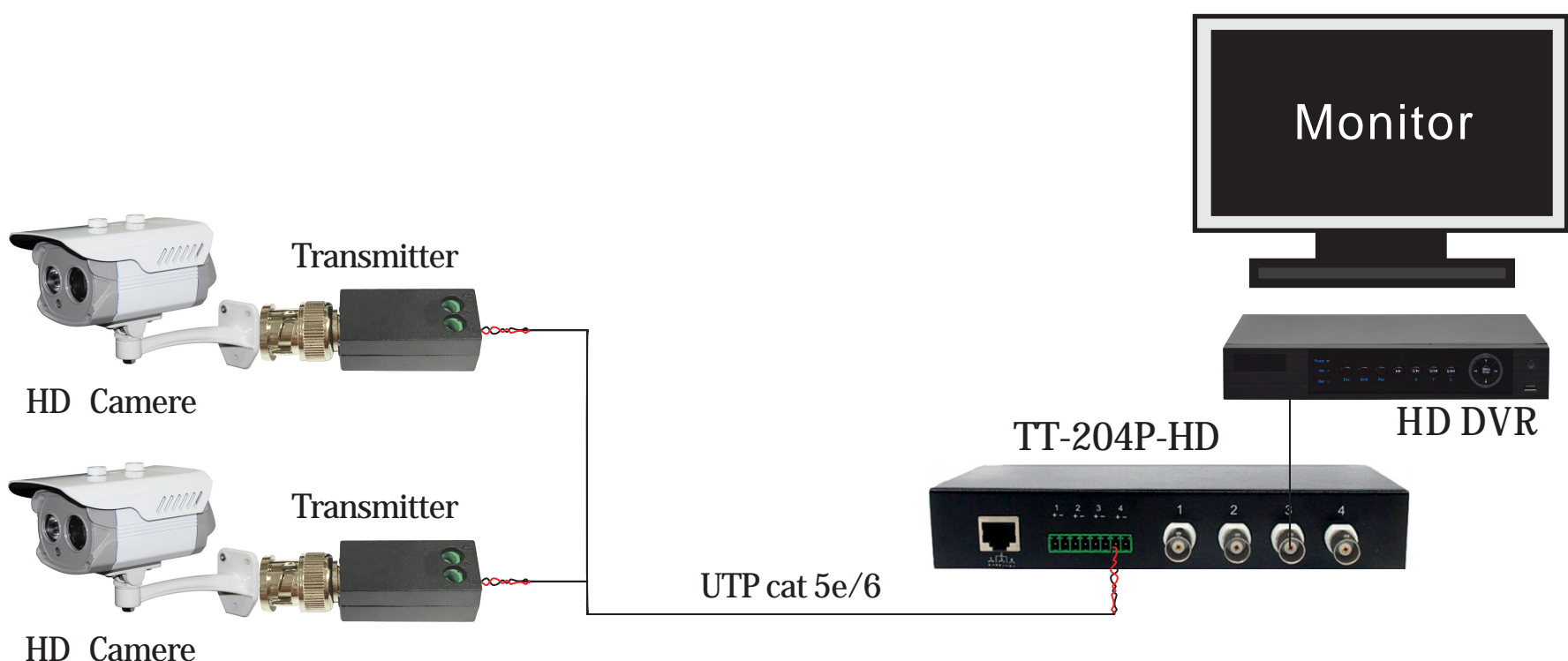
Video Connector Protection: 2KV(common mode) Per: IEC61000-4-5

UTP Cable Connector Protection: 2KV(different mode)

4KV(common mode)

Per: IEC61000-4-5

Typical Application



RJ 45 PIN DIADRAM

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

EIA/TIA 568A



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

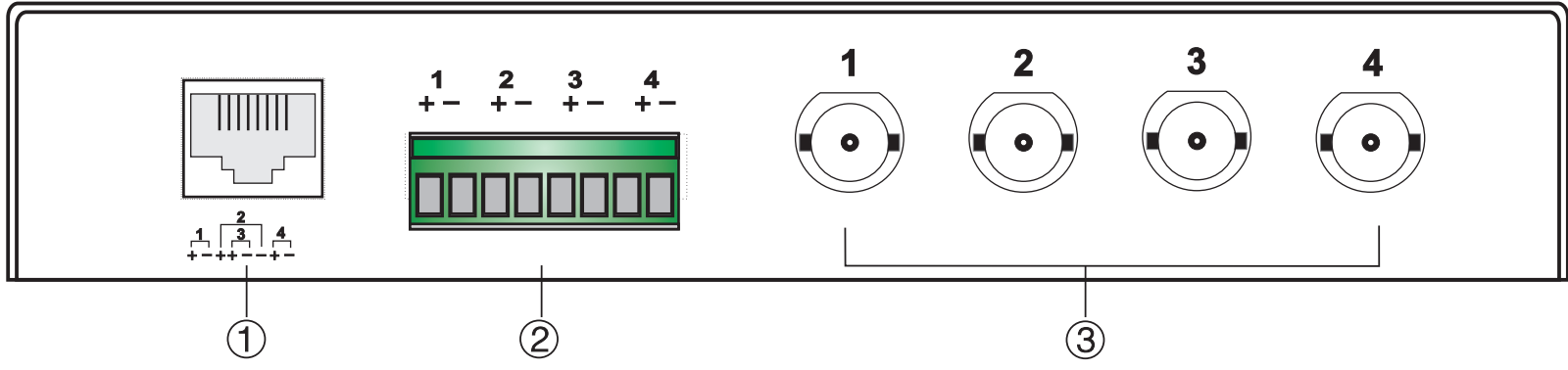
EIA/TIA 568B



Attention:

- > If choose green terminal block, cable of same color should be in the same pin.
- > When choose RJ-45, make sure if one end is EIA/TIA568A, the other end should also be EIA/TIA568A.
- > Or if one end is EIA/TIA568B, the other end should also be EIA/TIA568B.

Panel Diagram



NO.	Component	Description
①	RJ-45	please refer to "how to make RJ-45 plug"
②	8 pin green terminal block	to connect UTP cable directly
③	BNC-F	for HD video input or output

Note: ① or ② to be choosed

Installation Procedure

Please follow the next installation steps:

- 1, Switch off camera, PC, DVR, IPC and monitor which are to be used;
- 2 If it's used as transmitter, connect cameras with it via BNC cable
- 3 If it's used as receiver, connect DVR with it via BNC cable
- 4 Connect transmitter and receiver via UTP cable
- 5 Power camera, DVR, monitor etc

Package Contents

Designation	Quantity
4CH passive HD video transceiver	1PC
Application manual	1PC
Rack-mounting ear	2PCS
Rack-mounting screws	8PCS
Robber pad	4PCS