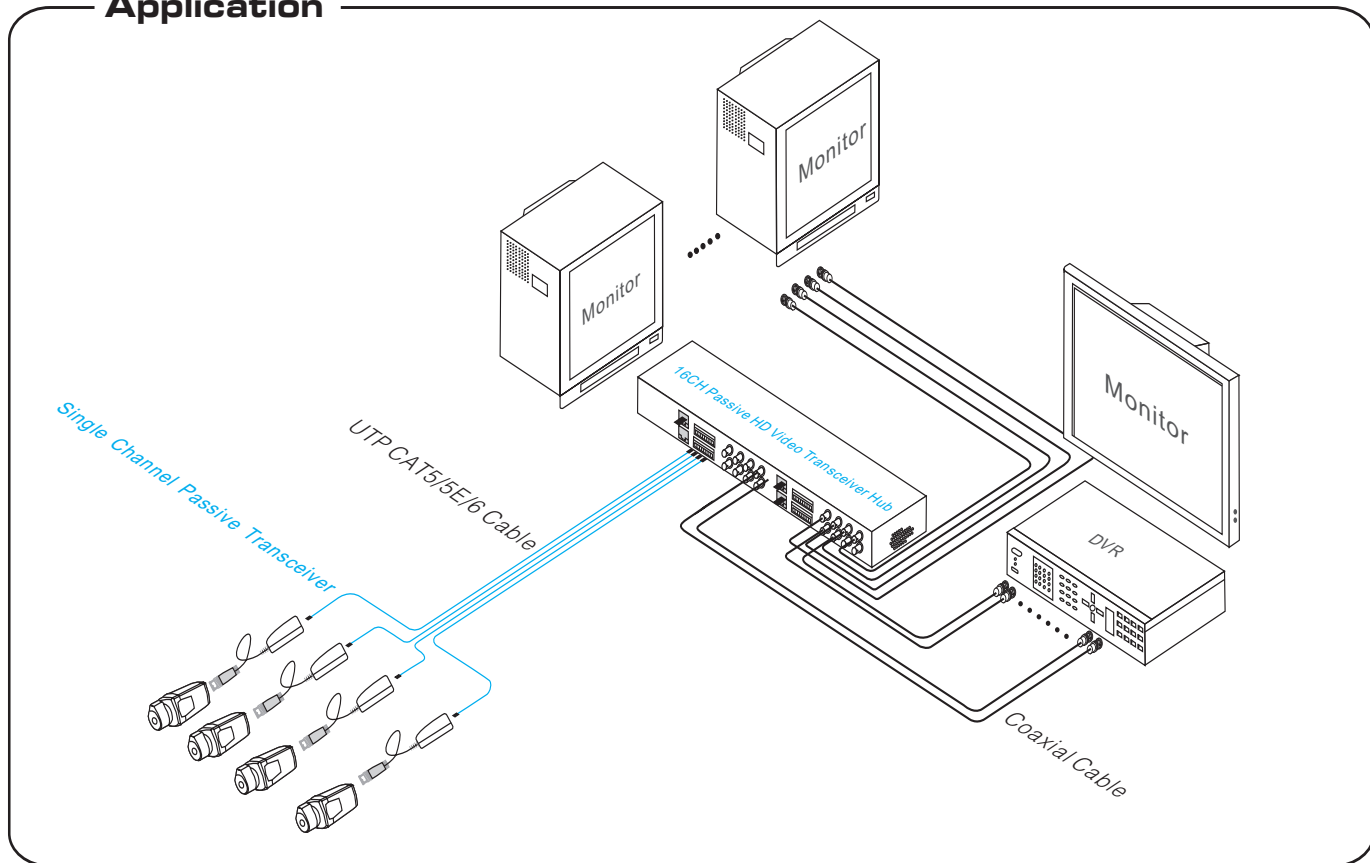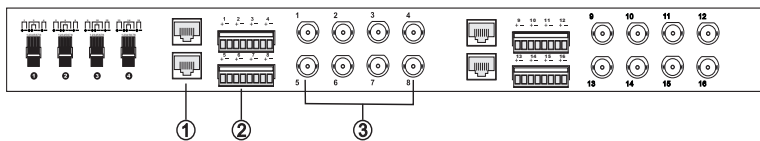# Data sheet

The 16ch passive HD (non−amplified) video UTP transceiver allows transmission of real−time and high−performance color or monochrome (B/W) CCTV video or HDCVI/AHD/HDTVI HD video over UTP cable. The device is 1U rack−mountable, perfect for multi−point surveillance.

Application

◀◀◀ **16ch Passive HD Video UTP Transceiver** ▬▬

■ **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 video input

Note: ① or ② to be choosed

■ **Installation steps**

Please check the following items before installation, if it is missing, please contact the dealer .

● 16ch passive HD Video UTP Transceiver   1pcs
● Accessory   1set
● User manual   1pcs

Please follow the next installation steps:

1) Please power off camera,PC, DVR, IPC and monitor which are to be used;
2) Connect cameras with transmitter via BNC cable,
3) Connect DVR with it via BNC cable;
4) Connect transmitter and receiver via UTP cable.
5) Power camera, DVR, monitor etc.

■ Specification

Item		Description
Function	Channels	16Channel
	Transmission Distance	Please refer to table 1
Video Properties	Video Connector	BNC−F
	UTP Cable Connector	8 pin green terminal block,RJ−45
	Compatible With	PAL、NTSC、SECAM video HDCVI/AHD/HDTVI HD video
	Signal Transmission Band	0−70MHz
	Interference Rejection	>60db
	Video Connector Protection	2KV(common mode) Per：IEC61000−4−5
	UTP Cable Connector Protection	2KV(different mode) Per:IEC61000−4−5
Protection	ESD Protection	Contact Discharge:6000V Air Discharge:8000V Per:IEC61000−4−2
Physical Properties	Size (LWH)	430*100*44.5(1U)
	Outer Shell	Iron Metal
	Color	Black
	N.W.	1.181kg
Environmental	Operation Temperature	0° C−50° C
	Storage Temperature	−40° C−85℃
	Relative Humidity	0%−95%(non−condensing)

Specification change will not be noticed

■ Troubleshooting

If any trouble in installation,please follow these steps:

- Check if it's according to the manual;
- If choose RJ−45,make sure both ends of UTP cable are same(both 568A or both 568B)
- If choose green terminal block,make sure cable of same color be in the same pin;
- Check all connection(like BNC,RJ−45);
- Make sure the real distance not exceeds the allowed transmission distance;
- Make sure the cables are quality;
- Replace the device at question by a normal working device;
- Please contact your vendor if trouble still exists.