

TT-301PV-HD



- > Compatible with HDCVI/ HDTVI/ AHD/ CVBS
- > Input voltage:DC24-36V , output power max to 12VDC,12W
- > Transmit instant video, no delayment
- > Long transmission:450m
- > 1 cable for power & video transmission,no need to lay AC line and install power adapter to camera,reducing material cost
- > Built-in surge and transient protection, super interference rejection
- > Outershell:with extend coaxial cable, easy to install with DVR.RG59,BNC



Applications

The device is used to power security cameras with 12 VDC voltage over single coaxial cable and transmit/receive the composite HD video signals from the cameras over the same 75 ohm coaxial cable (RG-59 or higher quality) at a distance up to 450 m.

Monitoring side input 24-36VDC,plug and play,easy to install,It is ideal for monitoring areas where no power is available to operate a camera.

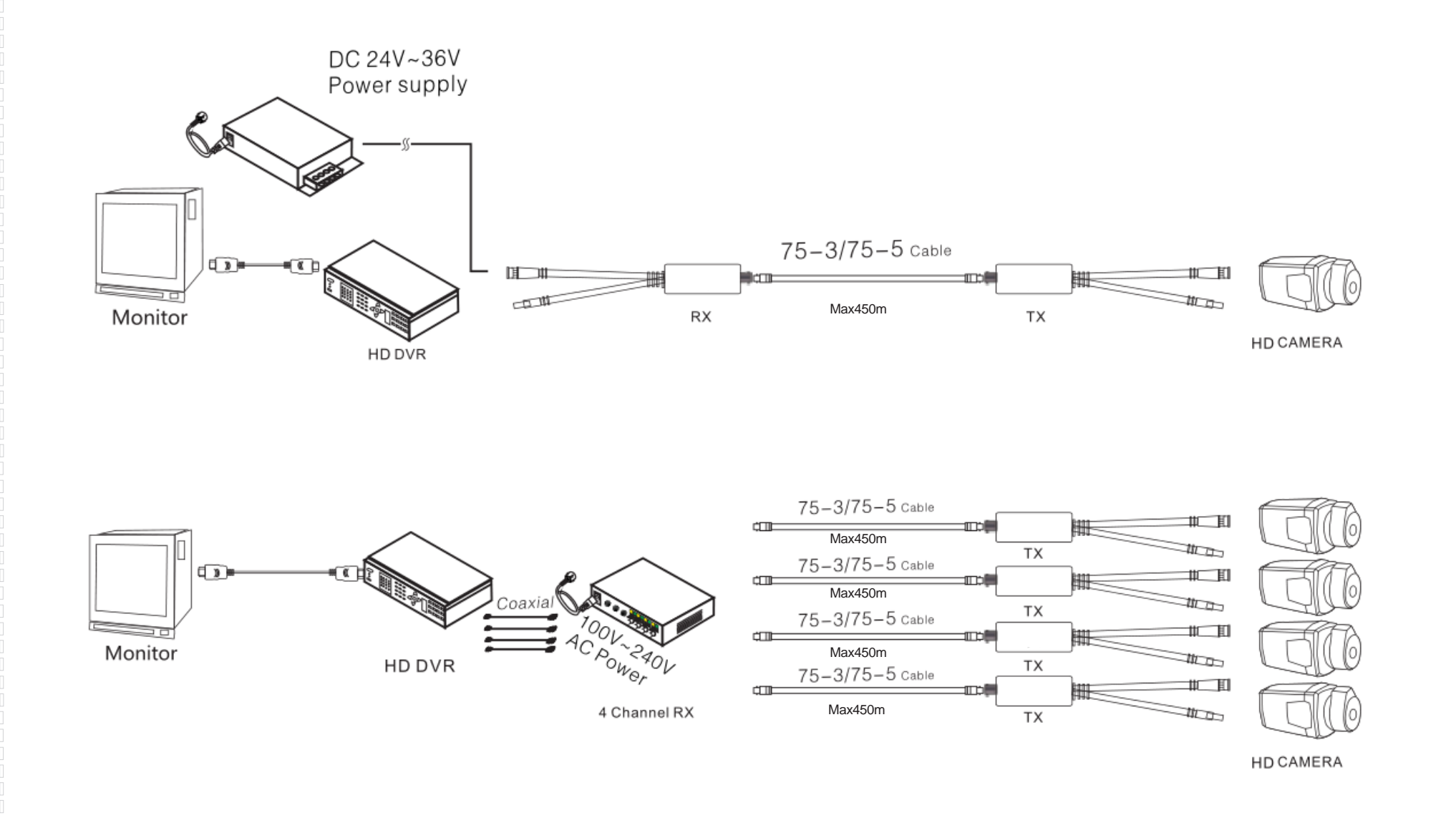
Applications

- > Security Monitoring System
- > Mulitmedia 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

Item		Description				
Function	Channels	1 Channel				
	HD Video Transmission Distance	720P/1080P: 450m(Max)				
	Power Transmission Distance	Input Voltage	DC 24V			DC 36V
		Distance(75-5)	0-100M	100-300M	300-450M	0-450M
		Output(Max)	DC12V 6W	DC12V 3.5W	DC12V 3W	DC12V 7W
Video Transmission Properties and port	Category Type	Coax 75-5/75-3				
	Coaxial Video Connector	BNC-M				
	Connecting Way	BNC				
	Compatible Format	HDCVI/HDTVI/AHD/CVBS				
	Resolution	720P/1080P/2K				
	Anti-interference	>60db				
Protection	ESD	1a contact discharge Level 3				
		1b air discharge Level 3				
		Per: IEC61000-4-2				
	Coaxial cable connector	2KV(common-code) Per:IEC1000-4-5				
	UTP Cable connector	2KV(Different Mode) 4KV(Common Mode) Per: IEC61000-4-5				
Impedance	Coax	75 ohms				
Stability	MTBF	>10000H				
Physical Properties	Outer Shell Material	ABS				
	Color	Black				
Environmental	Operation Temperature	-10 ~-55				
	Storage Temperature	-20 ~-70				
	Relative Humidity	0%-95% (non-condensing)				

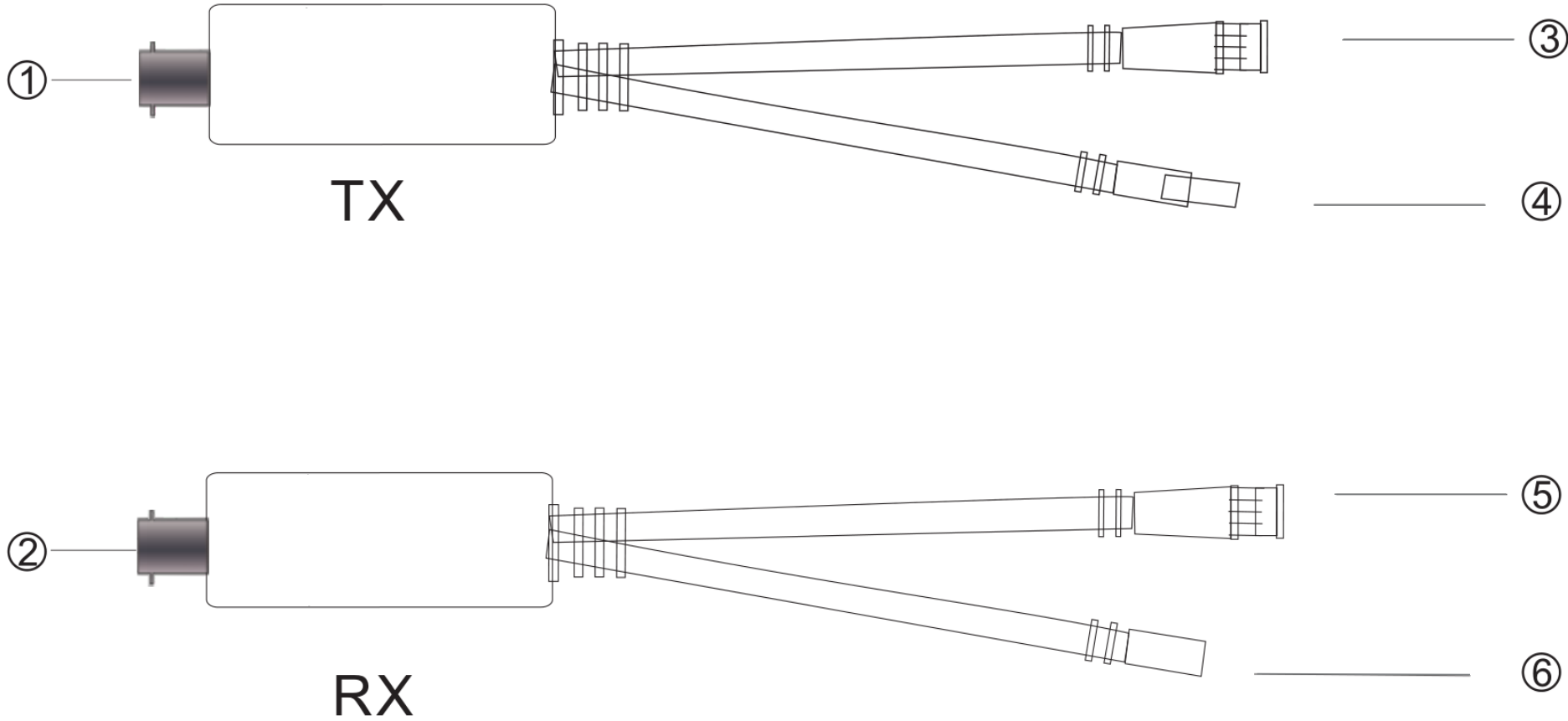
Typical Application



Troubleshooting

- Please follow these steps if any trouble in installation:
- > Check if it's according to the manual;
 - > Check if all connection is right,and if RG59 is ok;
 - > Make sure the cables are quality and the real distance not exceeds the allowed transmission distance;
 - > Check if connection is right and all devices are powered once there is no image; Replace the device at question by a normal working device;
 - > Please contact your vendor if trouble still exists.

Outer shell diagram



NO.	Component	Description
1	BNC-F	Power Over Coax Output
2	BNC-F	Power Over Coax Input
3	BNC-M	HD Video In
4	DC Male	DC Male Output DC12V
5	BNC-M	HD Video Out
6	DC Female	DC Female Input DC 24V~36V

Installation Procedure

- Please follow the next installation steps:
- > Please switch off cameras, monitors & DVR etc. before installation. Or else installation with power may damage devices;
 - > Make sure coaxial cables to be used are available;
 - > Connect the video transmitter with cameras via BNC-M and DC jack;
 - > Connect the video transmitter & receiver via coaxial cable; and connect power supply by DC cable
 - > Connect the passive receiver with DVR or monitor via coaxial cable;
 - > Check all connection and power the whole system;
 - > Check if image is normal and all devices are working normally.