

HDEX37

H.264 HDMI Extender over TCP/IP

USER MANUAL

1. Description

The H.264 HDMI extender transmits HD video and audio over one cat5e/cat6 cable, over TCP/IP standard, support one to many applications over Ethernet. The equipment has excellent image processing and transmission capacity, makes signal transmission smooth and steady, is a kind of economic and efficient way of HDMI signal extension.

2. Features

- Transmits HDMI video and audio signals up to 150M over a single CAT6 cable;
- Support video resolution max up to 1920*1080p@60Hz;
- Support over TCP/IP, one to many with Ethernet switch/router.;
- Compliance with HDMI 1.3 and HDCP 1.2 standard;
- High compatibility, can auto-match source and display device;
- Built-in automatic adjustment system, make the image smooth, clear and stable;
- Simple to install, plug and play;

3. Package list

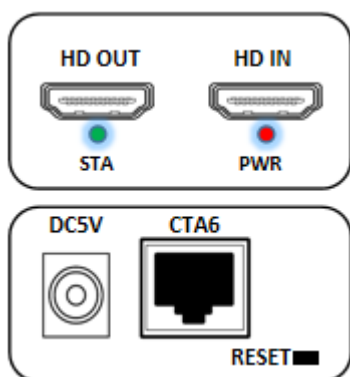
- HDMI transmitter 1 pc
- HDMI receiver 1 pc
- Power adapter 2 pcs
- User manual 1 pc

4. Specifications

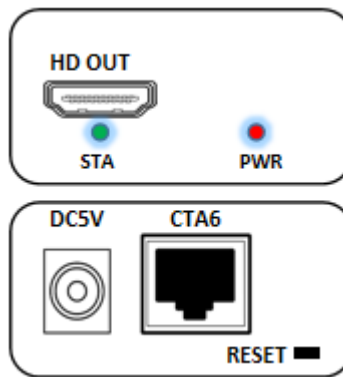
	Parameter	Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Compressed format	H.264
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	Max: 1920X1080p@60Hz
	Connector	HDMI-A
	Impedance	100Ω
Ethernet	Interface	RJ45
	Transmission distance	CAT6---150M,
Other	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 2.5W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	81*45*23mm
	The warranty	1 year free warranty

5. Panel

Transmitter:



Receiver:



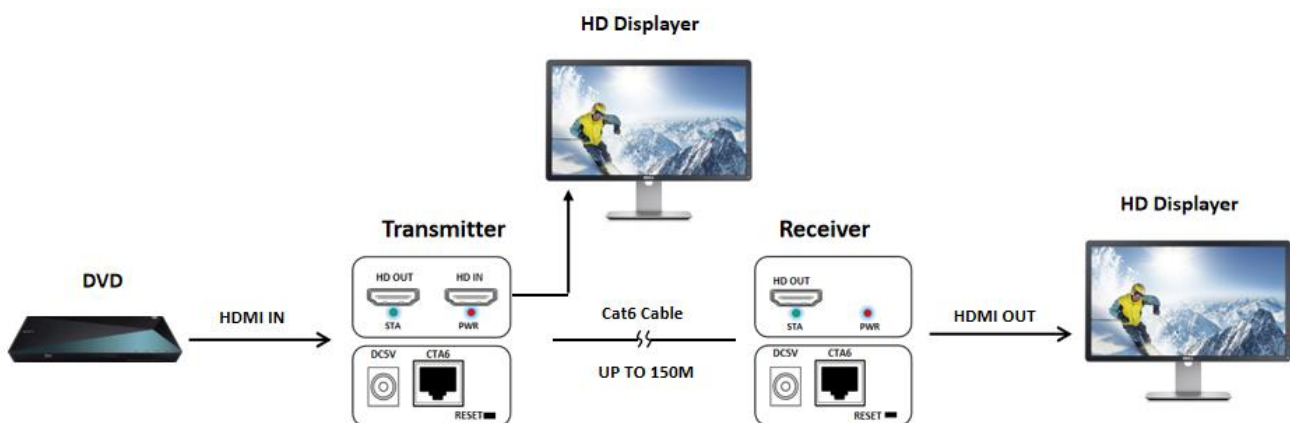
Port name	Description
HDMI IN/HDMI OUT	HDMI signal input/output
Cat5e/6	Ethernet interface
DC 5V	Power adapter socket
RESET	Press for 5 second to restore system setting to factory default
LED indicator	Description
STATUS	Video signal connection indicator/System power indicator

6. Installation

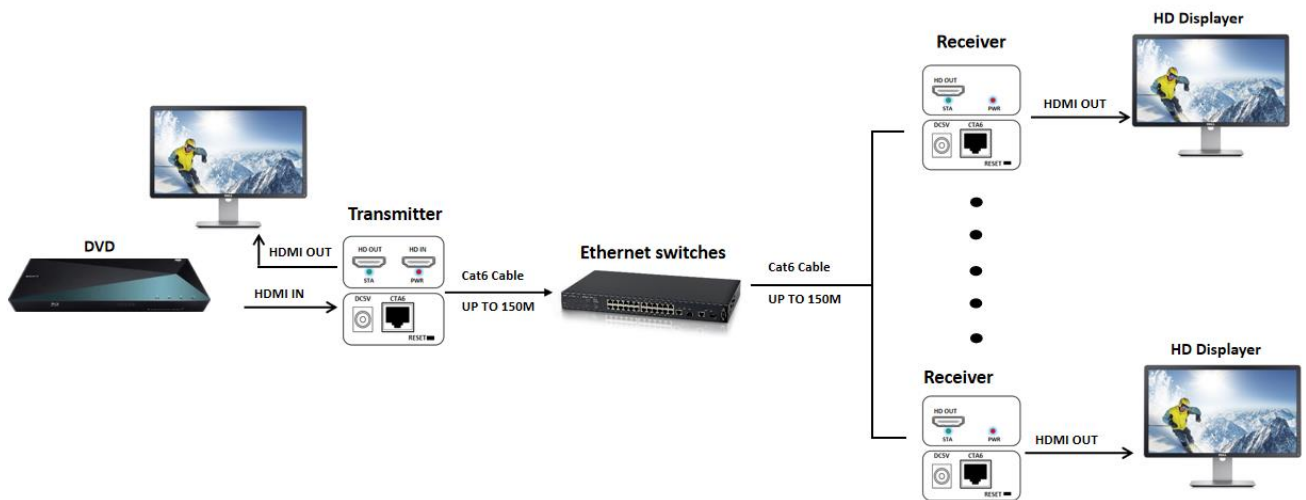
- 1、 Will the HDMI source access HDMI extender transmitter,
- 2、 Connect the HDMI extender the receiver to display devices (such as high-definition TV, splicing screen, etc.),
- 3、 Using CAT6 types of cables connects the transmitter and the receiver network interfaces,
- 4、 The transmitter and the receiver connected to the power, when the lamp lights up normally, normal operation of system.

7. Diagram

One to one application



one to many application



8. Warranty

Please keep the user manual in a place where safety and easy to find so that you can read it immediately when meet problems.

safety instruction:

- Please do not disassemble this product by yourself because it doesn't including DIY function.
- Please don't make the product touch water in case damaged, because it is Not waterproof design.
- Please use dry cloth material when clean the product surface.
- Please do not use this product in the environment of too wet or too high temperature.
- Please avoid contact with corrosive substances.
- When there is damage or other physical damage to the product, please stop using and contact with customer service to get support.