HDMI 1*4 Splitter Extender

USER MANUAL

1.Description

The HDMI extender provides extension of HDMI signals long distances over a single CAT6 cable, transform one channel input to 4 channels output, it supports high resolution up to 1080p and Support bidirectional 20-60KHz IR. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

2.Features

- Transmits 1 HDMI video and audio signals up to 50M over a single CAT6 cable;
- Support video resolution up to 1920*1080@60Hz, 3D signal;
- Transform one channel HDMI input to 4 channel Cat6 signal output;
- Support EDID copy function, can match many kinds of display device;
- Support bidirectional 20-60KHz IR.
- Support POC function;
- 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;
- Easy to install, plug and play;

3.Package list

● HDMI Transmitter	1 pcs
● HDMI Receiver	4 pcs
● IR TX Cable	1 pcs
● IR RX Cable	4 pcs
● Power supply	1 pcs
● User manual	1 pcs
● Foot Pad	4 pcs

4.Specifications

Parameter		Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz
	Connector	HDMI-A
	Impedance	100Ω
IR	Interface	3.5mm earphone seat
	Signal direction	bidirectional direction
	Signal type	Digital
	IR frequency	20-60KHz
Ethernet	Interface	RJ45
	Transmission distance	CAT6---50M
Other	Power supply	The power adapter: DC 12V/1A
	Power dissipation	MAX 6W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	TX:150*71*23mm/RX:81*45*23
	The warranty	1 year free warranty

5.Panel

Transmitter
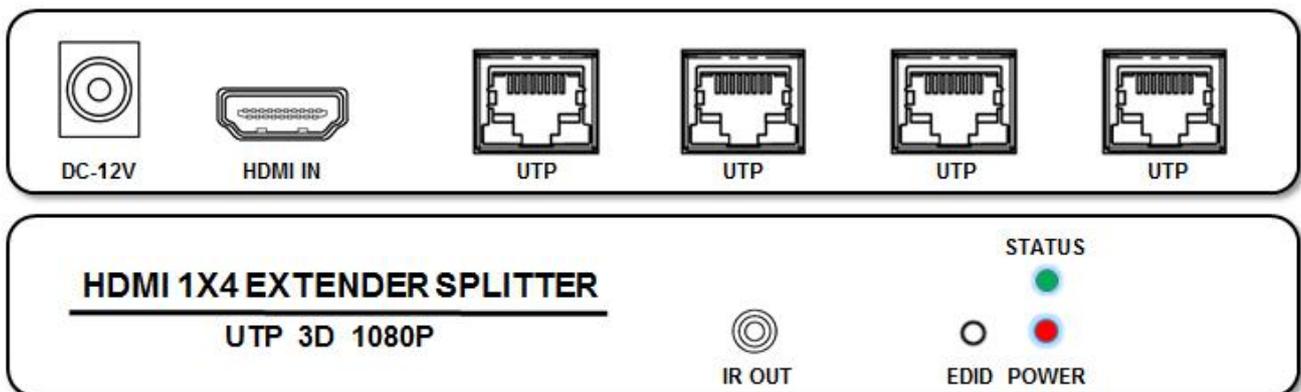
Receiver
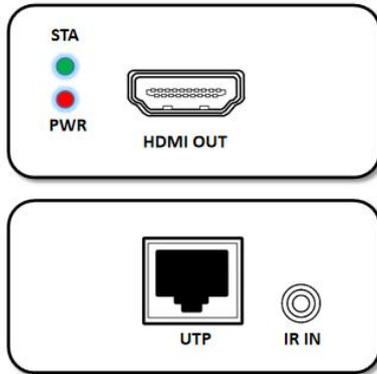
Port name	Description
HDMI IN/ HDMI OUT	HDMI signal input/ output
IR IN / IR OUT	IR signal input/output
UTP	RJ45 port connect cat6
EDID	send the INPUT at the TV access, long press EDID button for 3 seconds, status indicator light flashing, completed copy EDID.
DC 12V	Power adapter socket
LED indicator	**Description**
STATUS/ STA	Video signal indicator
POWER/ PWR	System power indicator

6.Installation

1、 Connect the provided DC 12V power supplies to the power socket of the transmitter and the receiver,

2、 Connect an HDMI cable between the HDMI input port of transmitter and the HDMI output port of the video source,

3、 Connect the HDMI output port of receiver to the display device with HDMI cable,

4、 Connect the transmitter RJ45 port to the receiver RJ45 port by a single CAT6 cable.

7.Diagram
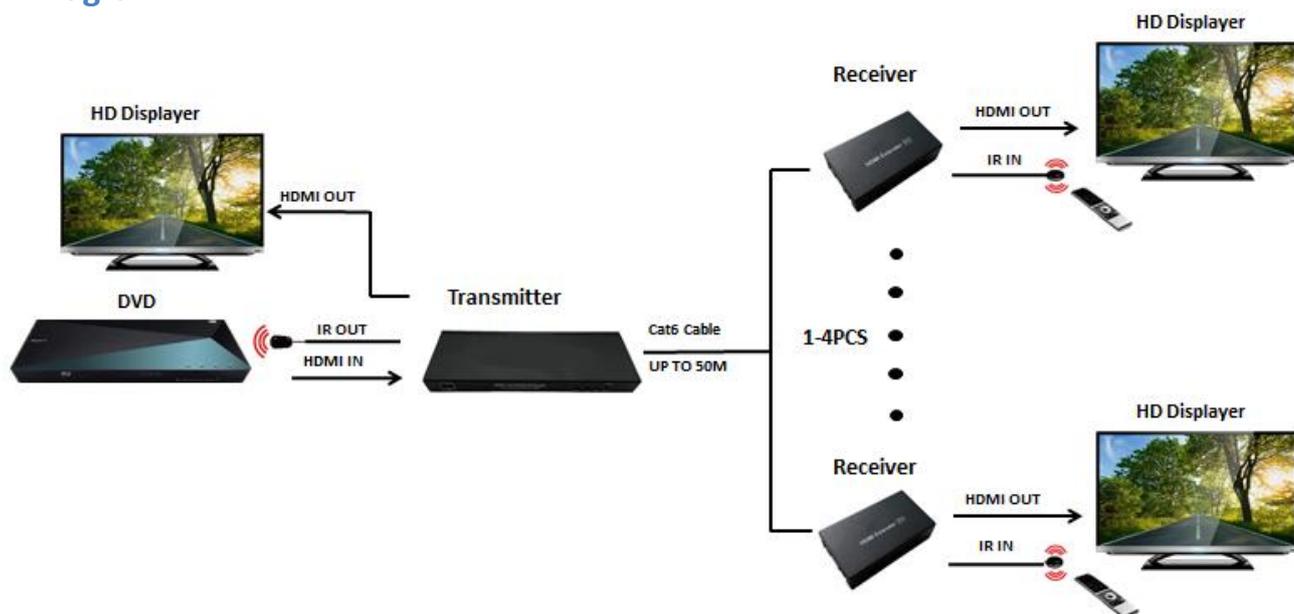
8. Warranty

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.