

HDMI Extender

USER MANUAL

1. Description

The HDMI extender provides extension of HDMI signals long distances over a single UTP cable, it supports high resolution up to 1080p. 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 HDMI video and audio signals up to 60M over a single CAT6 cable;
- ✧ Support video resolution up to 1920*1080@60Hz;
- ✧ Compliance with HDMI 1.3 standard;
- ✧ Support local loop output;
- ✧ Support HDCP1.4;
- ✧ Support reverse IR transmit;
- ✧ Support POC unilateral power supply;
- ✧ 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

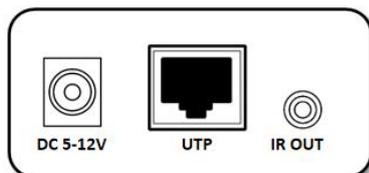
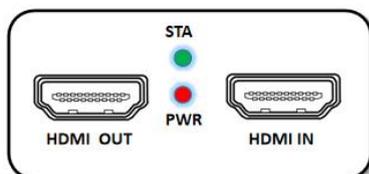
- HDMI transmitter 1 pcs
- HDMI receiver 1 pcs
- Power adapter 1 pcs
- IR TX Cable1 pcs
- IR RX Cable1 pcs
- User manual 1 pcs

4.Specifications

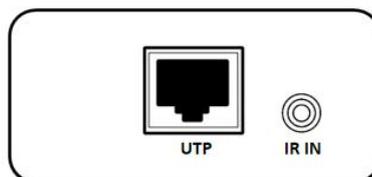
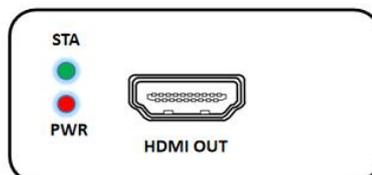
Parameter		Description
Video	Standards	HDMI 1.3;HDCP1.4
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz
	Connector	HDMI-A
	Impedance	100Ω
Ethernet	Interface	RJ45
	Transmission distance	CAT6---60M
IR	Interface	3.5mm earphone seat
	Signal direction	Reserve direction
	IR frequency	20~60KHz
Other	Power supply	The power adapter: DC 5-12V
	Power dissipation	MAX 3W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	81.5*45.5*23 mm
	The warranty	1 year free warranty

5.Panel

Transmitter:



Receiver:

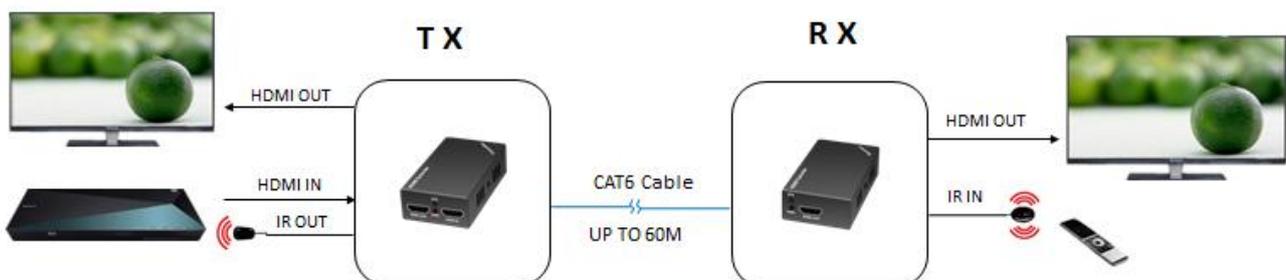


Port name	Description
HDMI IN/HDMI OUT	HDMI signal input/output
UTP	RJ45 network interface
DC 5-12V	Power adapter socket
IR IN / IR OUT	IR input / IR output
LED indicator	Description
PWR	System power indicator
STA	HDMI signal indicator

6.Installation

- 1、 Connect an HDMI cable between the HDMI input port of transmitter and the HDMI output port of the video source,
- 2、 Connect the HDMI output port of receiver to the display device with HDMI cable,
- 3、 Connect the transmitter UTP port to the receiver UTP port using a single CAT6 cable.
- 4、 Connect the provided DC 5-12V power supplies to the power socket of the transmitter or the receiver,
- 5、 When the video is not clear or unstable, it can be adjusted automatically through the EQ button

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.