

HDEX05IR

HDMI UTP 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.

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;
- ✧ Built-in ESD protection system;
- ✧ Easy to install, plug and play;

3. Package list

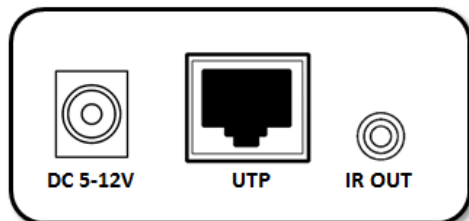
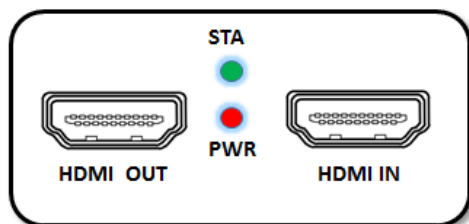
- HDMI transmitter 1 pcs
- HDMI receiver 1 pcs
- Power adapter 1 pcs
- IR TX Cable1 pcs
- IR RX Cable1 pcs
- User manual 1 pcs

4.Specifications

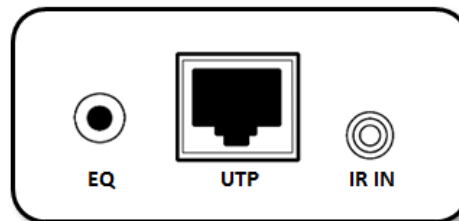
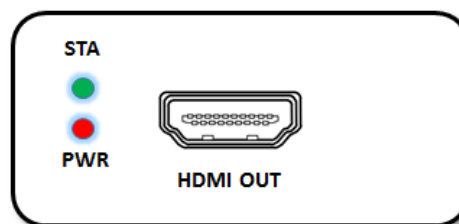
Parameter		Description
Video	Standards	HDMI 1.3;HDCP1.4
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz
	Connector	HDMI-A
	Impedance	100Ω
Ethernet	Interface	RJ45
	Transmission distance	CAT6---60M
IR	Interface	3.5mm earphone seat
	Signal direction	Reserve direction
	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:

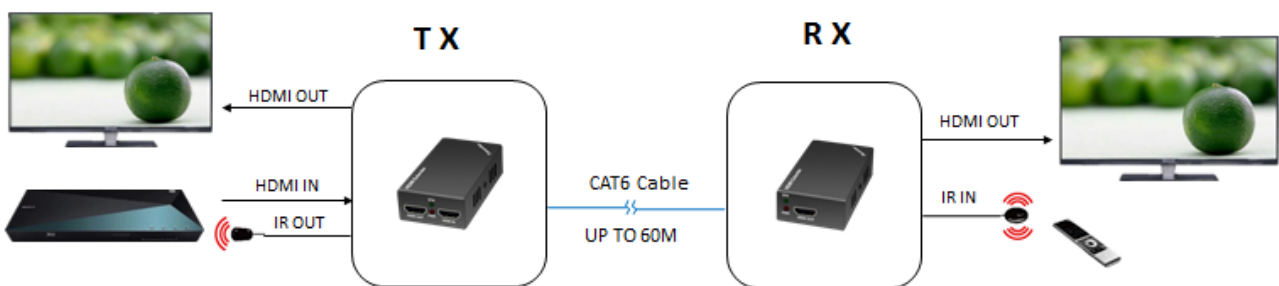


Port name	Description
HDMI IN/HDMI OUT	HDMI signal input/output
UTP	RJ45 network interface
DC 5-12V	Power adapter socket
EQ	EQ automatic adjust. When the video is not clear or unstable, it can be adjusted automatically through the EQ button
IR IN / IR OUT	IR input / IR output
LED indicator	Description
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

Thank you very much for using our products.

The warranty time is one year and life-long maintenance. During this period, any belongs to under normal usage circumstance cause because of the product quality's problem of breakdown, our company will be responsible for giving free maintain.

Free maintain won't be given under the following circumstance:

- The malfunction and damaged caused by incorrect use, the unauthorized repairs and alteration;
- The damage caused by fire, flood, abnormal voltage, other natural disasters and secondary product damage;
- The product malfunction caused by not in accordance with the user manual operation;
- The malfunction and damaged caused by the other barriers(man-made factors or external device).