HDMI 2.0 Extender

User Manual

1. Description

The USB extender can transmit signals over a long distance through a single network cable. It can transmit up to 50 meters with a single network cable. It supports the USB2.0 protocol and is backward compatible with USB1.1. The device has excellent processing and transmission capabilities, making signal transmission smoother and more stable. It is a reliable, high-performance, and efficient USB signal extension method.

2. Features

- Long-distance transmission of USB lossless signals through a single network cable, up to 50 meters (Cat 6 network cable);
- Compliance with USB 2.0 standard;
- Support POC unilateral power supply;
- Support keyboard and mouse output;
- The network cable adopts standard Ethernet IEEE-568B connection, which is convenient for installation;
- High adaptability, can automatically identify and configure various modes;
- Built-in automatic equalization system, smooth transmission, clear and stable;
- Easy to install, plug and play;

3. Package list

- USB transmitter .... 1 pcs
- USB receiver .... 1 pcs
- USB-B to USB-A .... 1 pcs
- Power adapter ....1 pcs
- User manual ....1 pcs

4. Specifications

Parameter		Description
INPUT	Standards	USB2.0
	Interface	USB-B
	Impedance	90Ω
	Maximum input / output distance	Less than 5 meters, at 1920X1080 @ 60Hz
OUTPUT	Interface	USB-A（4 pcs)
	Standards	USB2.0

UTP	Interface	RJ45
	Transmission distance	CAT6 - up to 50M
Other	Power supply	The power adapter: DC 5V/1A
	Power dissipation	MAX 3W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	81.5*45*23mm
	The warranty	1 year free warranty

5. Panel
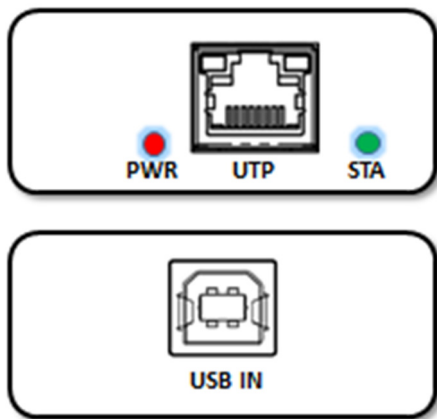
Transmitter：   Receiver：
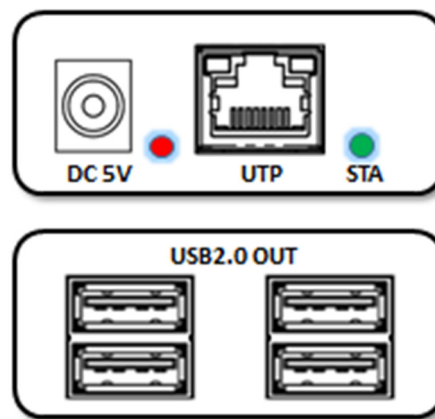
| Port name	Description
USB	USB signal input
UTP	RJ45 port connect cat6
DC 5V	DC 5V power input
USB2.0	USB2.0 signal output
LED indicator	Description
PWR	Power indicator
STA	Status indicator, USB signal is normal , the light is always on

6. Installation

1. Use USB-A to USB-B cable to connect the signal source to the TX terminal;
2. Connect the RX end to the display device (such as high-definition TV, splicing screen, etc.) with a

USB-B cable;

3. Use a CAT6 network cable to connect the network interface of the sending end and the receiving end.

4. Connect the receiving end to the power supply. When the indicator lights up normally, the system runs normally.

7. Diagram
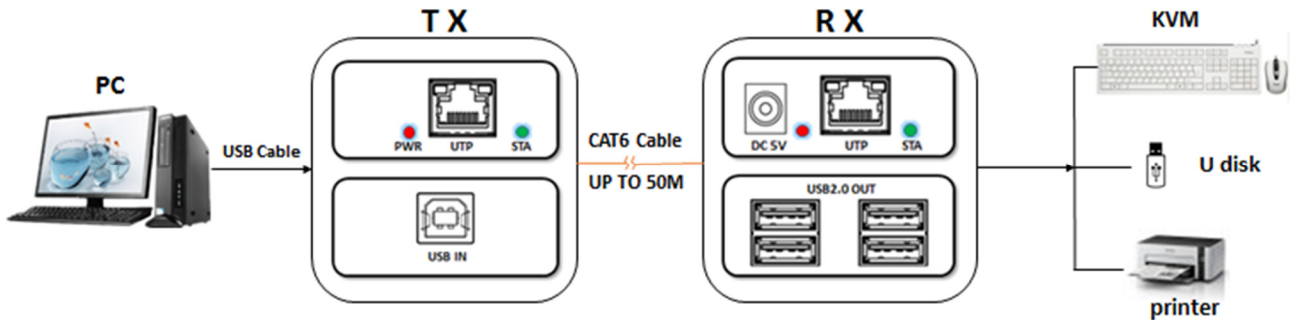
8. Warranty

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);