

## KVM Extender Over Ethernet

# USER MANUAL

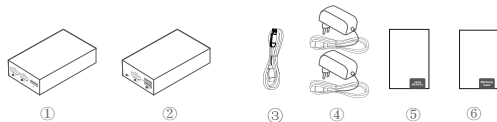
### 1.Description

The HDMI extender can transmit HD video signals over long distances through network cable. It supports Ethernet Physical Layer Protocol standard and one input to multiple outputs application over ethernet. The equipment has excellent image processing and transmission capacity, makes signal transmission more smooth and steady, is a kind of economic and efficient way of HDMI signal extension.

### 2.Features

- The high-definition video source transmits HD video signal through the network cable up to 150m;
- Support video resolution up to 1920\*1080p@60Hz;
- Compliance with HDMI 1.2 and HDCP 1.2 standard;
- Support lossless compression and no delay, adopt H.264 compression encoding method, effectively ensure video transmission quality;
- Supports USB KVM function that can long-distance use keyboard or mouse controlled;
- Support over Ethernet Physical Layer Protocol, and one input to multiple outputs application with Ethernet switch;
- 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



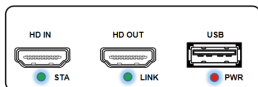
① HDMI Transmitter	1 pcs	② HDMI Receiver	1 pcs
③ USB-A to USB-A cable	1 pcs	④ Power Adapter	2 pcs
⑤ User Manual	1 pcs	⑥ Warranty card	1 pcs

### 4.Specifications

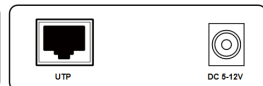
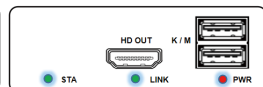
	Parameter	Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Compression encoding	H.264
	Maximum pixel clock	165MHz
	Maximum data rate	4.95Gbps
	Resolution	Max: 1920X1080p@60Hz
	Connector	HDMI-A
	Impedance	100Ω
	The HDMI maximum input / output distance is recommended	Less than 5 meters
KM	Interface	Tx: USB-A interface Rx: USB-A interface
	Interface	RJ45
Ethernet	Transmission distance	CAT6 150M CAT5e 150M
	Power supply	The power adapter: DC5- 12V
Other	Power dissipation	MAX 3W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	94*71*26mm
	The warranty	1 year free warranty

## 5. Port Description

### Transmitter:



### Receiver:



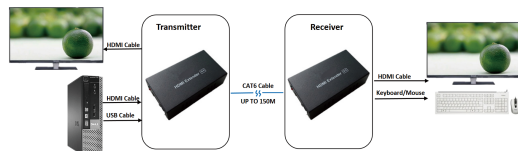
Port name	Description
HD IN/HD OUT	HDMI signal input/output
UTP	Ethernet interface
DC 5-12V	Power adapter interface
IR IN / IR OUT	Infrared Input / Output
LED indicator	Description
STA	System status indicator(On: Connection and system working normally; Of: Connection or system working error)
PWR	System power indicator

## 6.Connection Steps

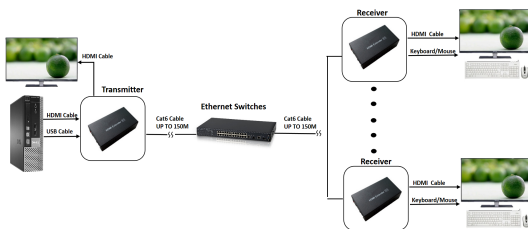
- Using 1 HDMI cable to connect the transmitter "HD IN" and HDMI signal source;
- Using 2 HDMI cable to connect the the transmitter/receiver "HD OUT" and display devices (such as high-definition TV, splicing screen, etc.);
- Using 1 "USB-A to USB-A" cable to connect the transmitter "USB" and PC USB interface;
- Connected the keyboard and mouse to the receiver "K/M" interface;
- Using Cat6/Cat5e types of cables connects the transmitter and the receiver network interfaces;
- The transmitter and the receiver connected to the power, when the "PWR" "LINK" "STA" indicator lights up normally, the system is running normally.

## 7.Two Application Methods

### One input to one output application



### One input to multiple outputs application



## 8. Warranty

Thank you for using this product. In order to protect your rights, please read the following protection terms carefully:  
We provide 1 year warranty and lifetime maintenance after-sales service for this product. During the one-year warranty period from the time of purchase, the company will provide customers with free maintenance services due to hardware failures caused by the quality of the product itself.

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

### ⚠ Safety instruction

- Please do not disassemble this product by yourself because it doesn't including DIY function;
- Please keep the product away from water in case damaged, because it is not waterproof design;
- Please use dry cloth when clean the product surface;
- Please do not use this product in environments that are too humid or too hot;
- 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.