

# HDMI2.0 KVM 60M EXTENDER Manual

## Special Notification

- ◆ Before using this product, please read this manual carefully.
- ◆ Please keep this manual for future reference.
- ◆ The company may change the fuction of product without notice.

## Appearance

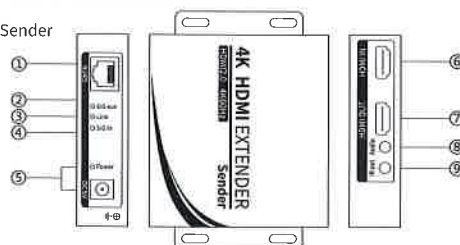
The HDMI2.0 single network cable extender transmits high-definition video signals over a long distance through a single unshielded CAT-6 network cable, which can transmit HDMI2.0 4K@60Hz signals up to 60M or 4K@30Hz and 1080P@60Hz video signals to 100M , And the attached infrared return function make remote control more convenient. The equipment has excellent image processing and transmission capabilities, making signal transmission more smooth and stable. It is a reliable, high-performance, and efficient HDMI signal extension method, which is widely used in video conferencing, multimedia teaching, securities finance, office and other fields use.

## Features

- ◆ Support 4K@60Hz audio and video signals using CAT-6 single network cable transmission distance of 60M, 4K@30Hz-1080P@60hz can reach a distance of 100M;
- ◆ Support compatible with HDMI2.0 standard, in line with HDCP2.2 standard-high-bandwidth digital content protection technology;
- ◆ Support the highest resolution up to 4K60Hz YUV4:4:4 and RGB4:4:4 formats;
- ◆ Support HDR10\EDID transparent transmission, which can adapt to more application environments;
- ◆ Support 20-60KHz broadband infrared return function;
- ◆ The network cable adopts the standard Ethernet IEEE-568B connection method, which is easy to install;
- ◆ Built-in automatic equalization system, the picture is smooth, clear and stable;
- ◆ Built-in ESD electrostatic protection circuit, all-round protection system safety;
- ◆ The installation is simple and convenient, plug and play, no need to set up;

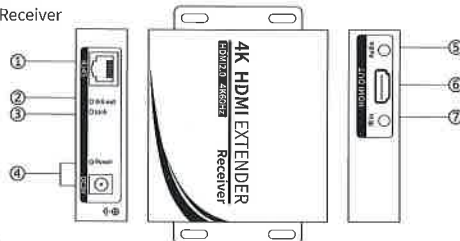
## Panel is introduced

### Sender



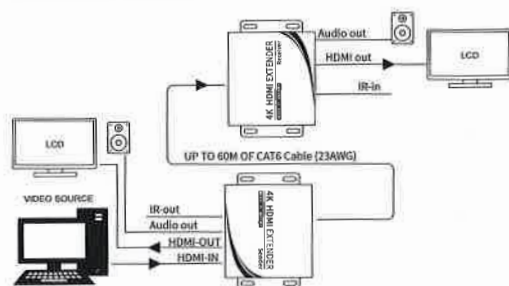
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|--------------------------------------|--|
| 1.RJ45-----CAT5E/6 signal port       | 6.HDMI IN-----HDMI signal input port   |
| 2.SIG out-----CAT5E/6 signal out led | 7.HDMI OUT-----HDMI signal output port |
| 3.Link-----Normal start working led  | 8.Audio-----3.5MM audio output port    |
| 4.SIG in-----HDMI signal led         | 9.IR out-----IR out port               |
| 5.Power-----DC5V power led or port   |  |

### Receiver



- |                                      |  |
|--------------------------------------|--|
| 1.RJ45-----CAT5E/6 signal port       | 5.Audio-----3.5MM audio output port    |
| 2.SIG out-----CAT5E/6 signal out led | 6.HDMI OUT-----HDMI signal output port |
| 3.Link-----Normal start working led  | 7.IR in-----IR in port                 |
| 4.Power-----DC5V power led or port   |  |

## Connection Diagram



## Technical parameters

Length-----CAT6-60M(4K@60Hz YUV444) or CAT6-100M  
(4K@30Hz or 1080P@60Hz),  
HDMI IN/OUT Resolution-----3840\*2160@60/30/1080P/720P  
Audio Format-----DTS/Dolby/LPCM  
HDMI Standard-----HDMI2.0 HDCP2.2  
HDMI Data Rate-----Bandwidth:600MHz/Data Rate:18Gbps  
Color Bit Depth-----4K60P:(420/422)8,10 or 12Bit 4K60P:(444/RGB)8 Bit  
Input video signal-----0.5~1.5Volts p-p  
Output DDC signal-----5Volts p-p(TTL)  
HDMI cable distance-----≤10M AWG26 HDMI2.0 standard cable  
Max working current-----350mA  
Power Adapter-----AC input: (50-60HZ) 100V-240V;DC out: 5V/1A  
Size/Weight-----122x89x24.35mm/450g  
Shell Material-----Metal

## The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation, wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;
- The installation and wiring should be strong and reliable, contact undesirable may lead to false action;
- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;
- Please do not dismantle the equipment, avoid damaging the internal electrical component.

## Packing list

NO.	Parts	Qty
1	HDMI Extender(tx or rx)	1
2	Power Adapter:DC5V/1A	2
3	IR cable	1
4	User manual/Warranty Card	1