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HDMI 120m KVM over Ethernet Extender Single Cat5e/6 Cable Transmitter , Receiver with USB Ports for Keyboard Mouse to Control The Signal for PC DVD

Full HD

1080P



KVM-E120

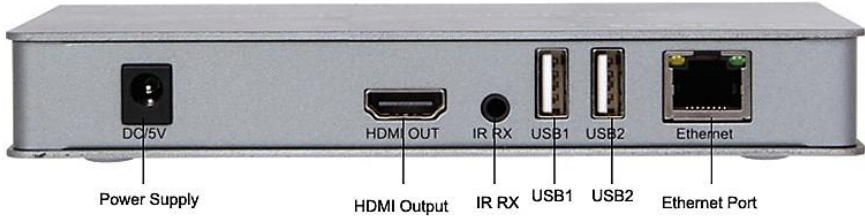


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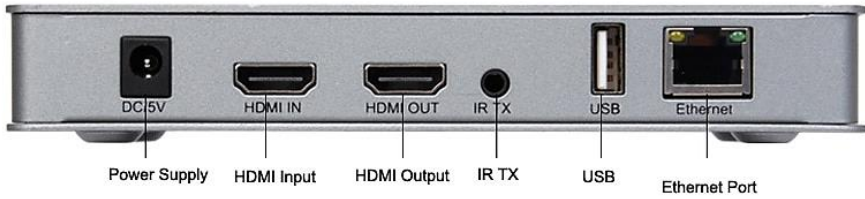


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RX



TX



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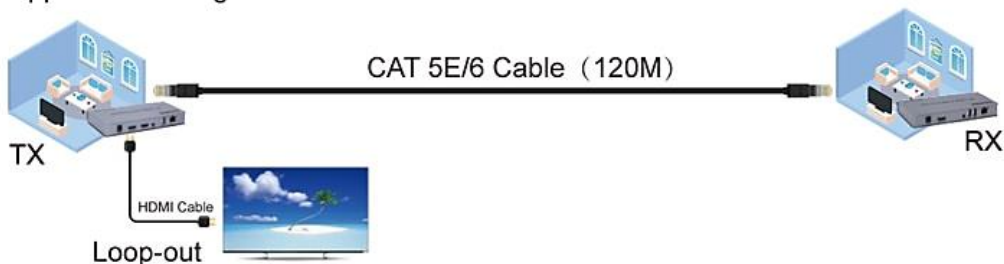
Introduction

The Extender uses single cat5e or cat6(recommended) cables instead of HDMI cable to transmit high definition signal up to 120 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal.



Features

- * Support HDMI 1.4/HDCP1.4;
- * Support local loop-out ;
- * Support 120m long distance transmission :



- * Low power consumption, low temperature and high safety ;
- * Both the TX and RX support 3.5MM left and right audio output ;
- * Support IR control ;
- * Support USB mouse and keyboard extension ;
- * Support USB port touch screen function ;

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Transmitter



Front Side

Stereo output



Back Side

HDMI Loop-out port

HDMI Input port

IR-TX port

connect with the usb of device (PC)

Cat5e/6 cable connection port

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Receiver



Front Side

Stereo output



Back Side

HDMI Output port

IR-RX port

USB port, connect the mouse/keyboard

Cat5e / 6 cable connection port

One-to-One Mode

Cat 5e/6 UTP 120m cable

Transmitter

Receiver



5V DC Adaptor



IR-TX



USB

HDMI Input



DVD



PC



5V DC Adaptor



IR-RX



USB

HDMI Output

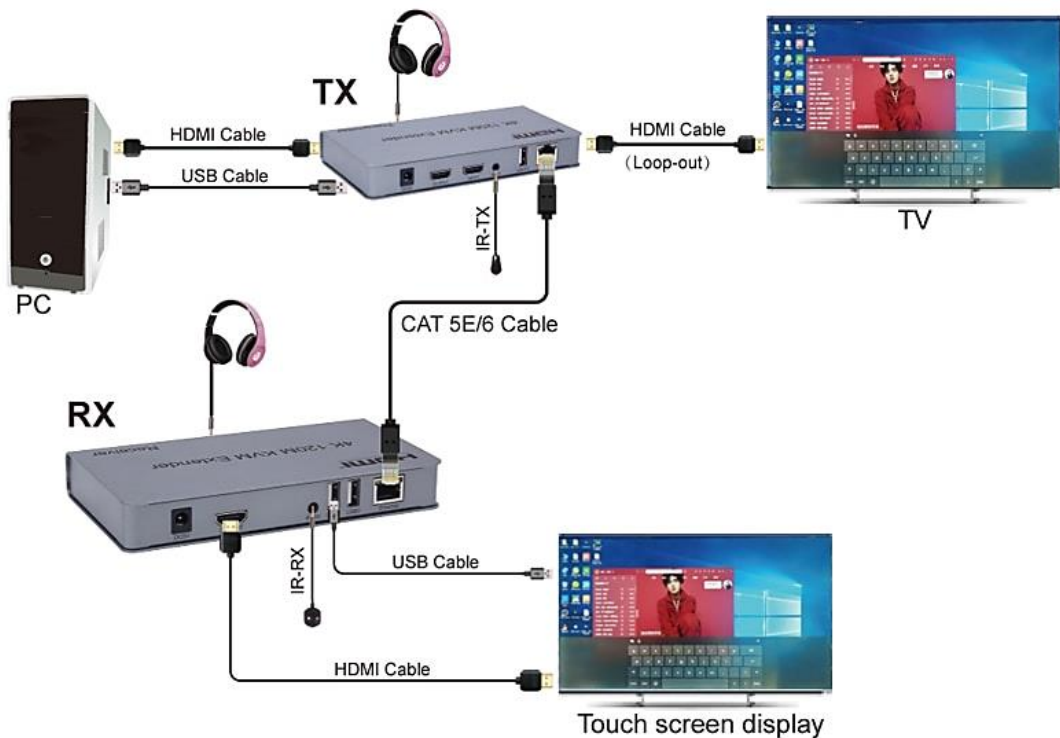


TV

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USB port touch screen function :

NEW Function, the only one product which has this function



Application diagrams

HDMI extender is used in audio-visual conference, command and control center, ticketing platform, home theater, multi-media teaching, conference system and so on.



Audio-visual conference



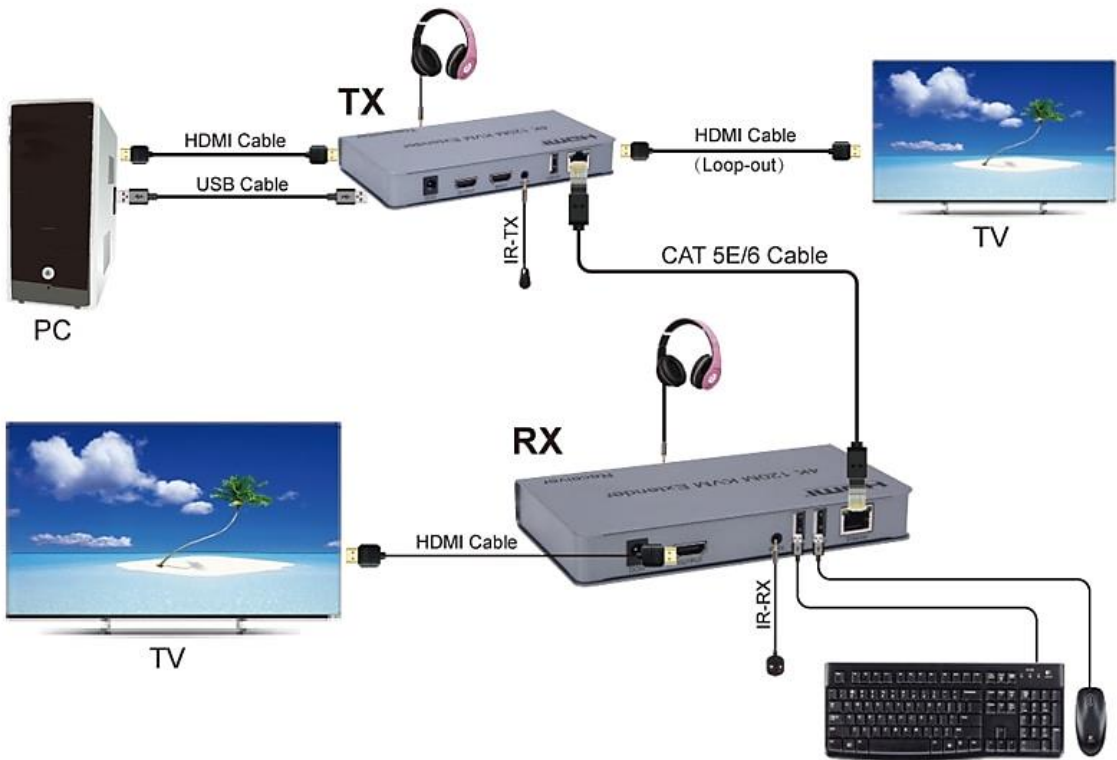
Command and control center



Home theater

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Connection diagram:



Package Includes:

- 1 x TX Extender
- 1 x RX Extender
- 2 x IR cable
- 2 x UK Plug DC 5V/2A
- 1 x Manual

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Specifications:

| | |
|--|--|
| Length of CAT5e/CAT6 cable between Rx and TX | 120 meters |
| HDMI Input | 4k/1080p/720p/576p/576i/480p/480i |
| HDMI Output | 4k/1080p/720p/576p/576i/480p/480i |
| Max bandwidth | 340MHz |
| Max baud rate | 3x3.4Gbps |
| Input video signal | 0.5~1.5Volts p-p |
| Output DDC signal | 5Volts p-p (TTL) |
| Input HDMI cable distance | ≤10m AWG26 HDMI standard cable |
| Output HDMI cable distance | ≤10m AWG26 HDMI standard cable |
| TX Max working current | 350mA |
| RX Max working current | 200mA |
| Power adapter format | Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A |
| Operating Temperature range | (-15 to +55 ℃) |
| Operating Humidity range | 5 to 90%RH (No Condensation) |
| Dimension (L x W x H) | 107x105x27.3 (mm) |
| TX Weight | 499g |
| RX Weight | 494g |

Connecting and Operating:

- 1.Connect one HDMI cable between source device and TX Extender, the max cable distance is 10 meters.
- 2.Connect one HDMI cable between display device and RX Extender, the max cable distance is 10 meters.
- 3.Connect single cat-5e or cat-6(recommended) cables instead of HDMI cables between TX and RX Extender, the max cable distance is 120 meters.
- 4.Connect 5V power supply to the TX and RX.
- 5.Plug the mouse and keyboard into the USB port of the receiver, and connect the USB port of the transmitter with the computer if you need the KVM control function.
- 6.LED indicator light
TX LED indicator light: Turn it on, green light; when there is a signal input, the yellow light flashing.
RX LED indicator light: Turn it on, green light; when there is a signal input, the yellow light flashing.
- 7.The pairs of IR RX and IR TX cable connect the 3.5mm IR RX and IR TX port of the receiver and transmitter respectively. (Just connect when you need it) .