

Hunter HDMI 4K 120M KVM Extender over Cat6 with Loopout

9495-HTC-KVM120M4K

User Manual



Product Introduction

Hunter HDMI Extender uses single cat6 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

- 4K HDMI Transmission up to 120M

Delivers 4K/1080p video up to 120 meters over a single Cat6 cable with no quality loss.

- USB KVM Extension

Supports keyboard and mouse control from the receiver end, ideal for remote workstations.

- Local HDMI Loop-Out on Transmitter

Mirror your source to a local display while transmitting to a remote one.

- Stereo Audio Output on Both Ends

Includes 3.5mm L/R analog audio out on both TX and RX units.

- IR Pass-Through Control

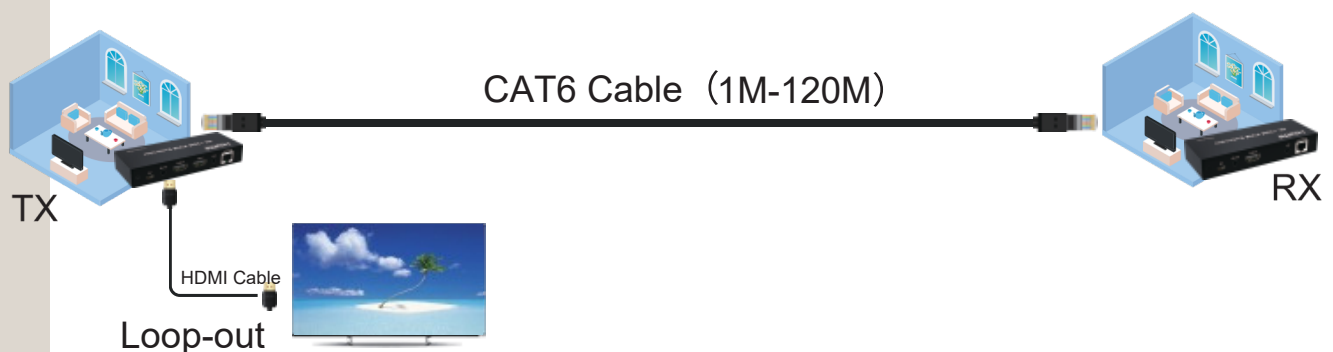
Bidirectional IR transmission for remote source control from the receiver side.

- EDID Switching + Power-Off Memory

Switch between 4K and 1080P EDID modes using a button, with persistent memory after power loss.

- Low Power, Compact Design

Easy to install in control rooms, teaching setups, and AV networks.

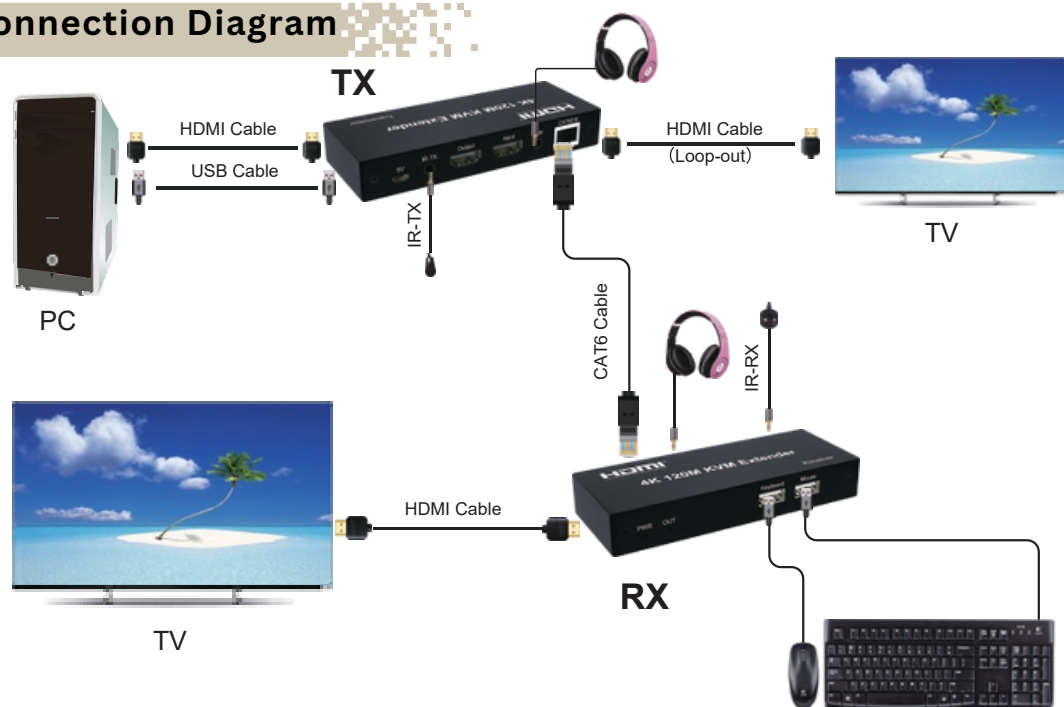


Specifications

Length of CAT6 cable between Rx and TX
HDMI Input
HDMI Output
Max Bandwidth
Max Baud rate
Input video signal
Output DDC signal
Input HDMI Cable distance
Output HDMI Cable distance
TX max working current
RX max working current
Power adapter format
Operating temperature range
Operating humidity range
Dimension
TX weight
RX weight

120M
4k/1080p/720p/576p/576i/480p/480i
4k/1080p/720p/576p/576i/480p/480i
340MHz
3x3.4Gbps
0.5~1.5Volts p-p
5Volts p-p (TTL)
≤10m AWG26 HDMI standard cable
≤10m AWG26 HDMI standard cable
350mA
200mA
Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
(-15 to +55°C)
5 to 90%RH (No Condensation)
122x50x19 (mm)
108g
108g

Connection Diagram



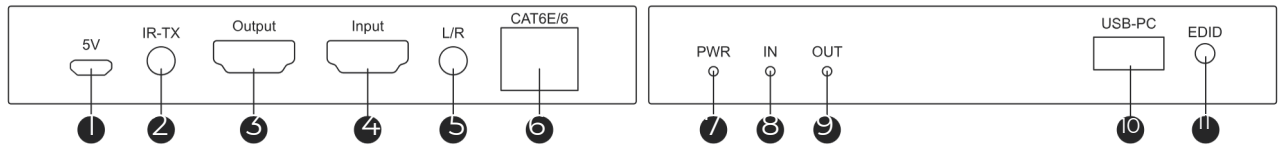
Operating & Connecting

1. Connect one HDMI cable between source device and TX Extender, the max cable distance 10 meters.
2. Connect one HDMI cable between display device and RX Extender, the max cable distance 10 meters
3. Connect single cat-6 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. 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) .
7. EDID button: The button can support the switch of EDID between 4K and 1080P.

Function Interface Figure:

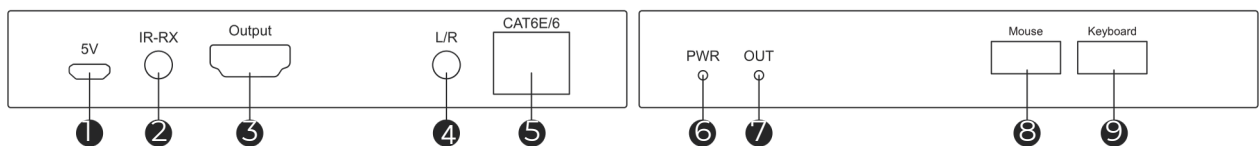


TX:



1. 5V - 5V DC Power input port
2. IR-TX - IR-TX port
3. Output - HDMI Loop-out port
4. Input - HDMI Input port
5. L/R - Stereo output
6. CAT6E/6 - Cat6e / 6 cable connection port
7. PWR - Power indicator light
8. IN - HDMI IN indicator light
9. OUT - HDMI OUT indicator light
10. USB-PC - Connect with the usb device (PC)
11. EDID - 4K and 1080P switch button

RX



1. 5V - 5V DC Power input port
2. IR-RX - IR-RX port
3. Output - HDMI output port
4. L/R - Stereo output
5. CAT6E/6 - Cat6e / 6 cable connection port
6. PWR - Power indicator light
7. OUT - HDMI OUT indicator light
8. Mouse - Mouse Port
9. Keyboard - Keyboard Port



Warranty 1 Year



If your product does not work properly because of a defect in materials or workmanship, our Company (warrantor) will, for the length of the period indicated as 1 Years, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.