

U S E R M A N U A L

4K 120M HDMI Extender

Cascade connection

Enjoy the vivid world!

Introduction:

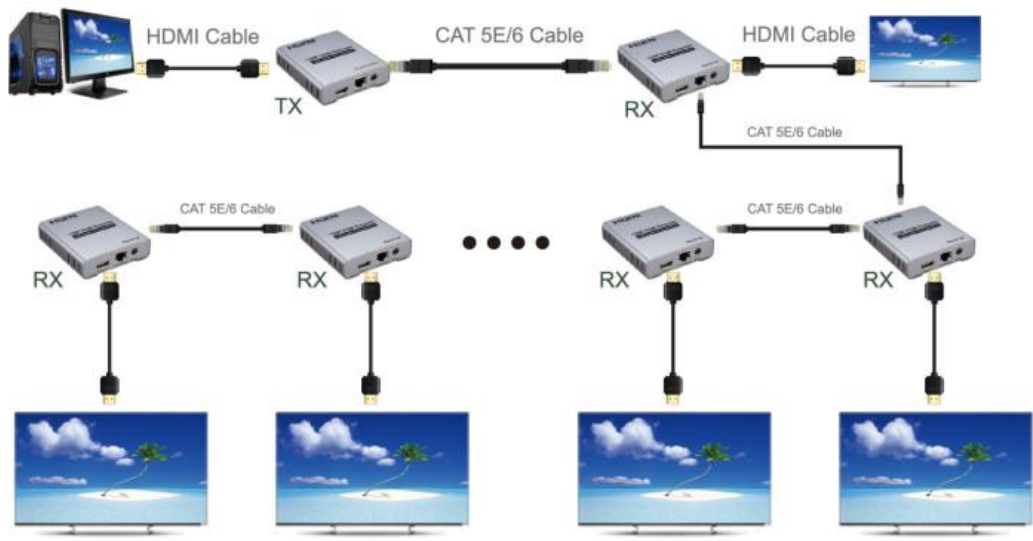
The 4K 120M HDMI extender uses one single cat-5E or cat-6(recommended) cable instead of HDMI cable, you can extend the 4k signal to 120 meters.The purpose of the extender is to achieves long-distance signal transmission with low-cost wires.



Features:

- 1:120M long distance transmission.
- 2: Multi-receiver cascade transmission.
- 3: Low power consumption, low temperature and high safety.

Physical Connection:



Operating and Connecting:

1. Connect source device with transmitter by one HDMI cable the cable max length is 10 meters.
2. Connect display device with receiver by one HDMI cable the cable max length is 10 meters.
3. Connect TX with RX by one cat5e or cat 6(recommended).the cable max length is 120 meters.
4. One pair of IR RX and IR TX cable, connected to the 3.5mm IR RX and IR TX ports of the transmitter and receiver respectively.
5. Connect the power supply to the TX and RX.
- 6.LED indicator:When a signal is input to work, steady blue light.

Specifications:

Length of CAT-5E/CAT-6 cable between Rx and TX.....up to 120 meters
HDMI input.....4K/1080p/720p/576p/576i/480p/480i

Support audio format.....DTS/Dolby/LPCM

HDMI

output.....4K/1080p/720p/576p/576i/480p/480i

Max bandwidth.....340MHz

Max baud rate.....3.4x3Gbps

Input video signal 0.5~1.5Volts p-p

Output DDC signal 5Volts p-p (TTL)

Input HDMI cable distance.....≤15m AWG26 HDMI standard cable

Output HDMI cable distance.....≤15m 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°C)

Operating Humidity range.....5% to 90%RH (No Condensation)

Dimension (L x W x H)94x84x24(mm)

TX Weight.....223g

RX Weight.....223g

Product interfaces:

Transmitter:



Port	Description
DC/5V	5V power supply for the Transmitter
Sw-signal	Switch input signal button
hdmi	HDMI input indicator

rj45	Network port input indicator
CAT5E/6 OUT	Network cable output port
HDMI OUT	HDMI output port
HDMI IN	HDMI input port
CAT5E/6 IN	Network cable input port
IR-TX	Connect to the IR transmitting port

Receiver:



Port	Description
DC/5V	5V power supply for the Receiver
Sw-signal	Switch input signal button
hdmi	HDMI input indicator
rj45	Network port input indicator
CAT5E/6 OUT	Network cable output port
HDMI OUT	HDMI output port
HDMI IN	HDMI input port
CAT5E/6 IN	Network cable input port
IR-RX	Connect to the IR receiving port

Application diagrams

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

The package includes:

1. TX Extender x1pc
2. RX Extender x1pc
3. IR cable x1 pair
4. 5V DC Power adapter x2pcs
5. User Manual x1pc