

# HDMI EXTENDER

4K HDMI extender with KVM 120m

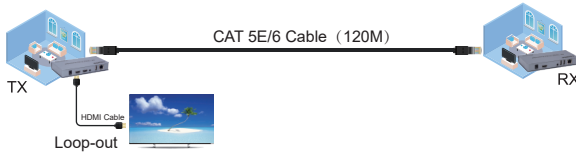


## OVERVIEW

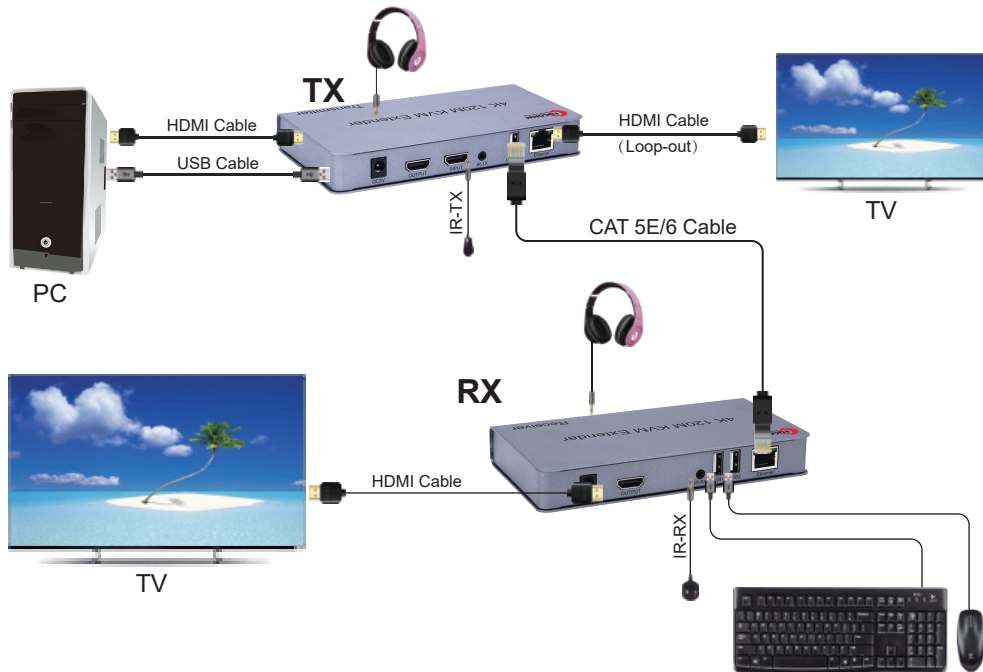
The Extender uses single cat5e or cat6(recommended) cables instead of HDMI cable to transmit high definition signal up to 120 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal.

## FEATURE

- Support 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;



## APPLICATIONS



Audio-visual conference



Command and control center



Home theater

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

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## SPECIFICATIONS

Length of CAT-6/CAT-5E 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	0.5~1.5Volts p-p
Input video signal	3x3.4Gbps
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 °C to +55 °C)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	163x87x24 (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.

## ORDER INFORMATION

PRODUCT	PART NUMBER
4K HDMI extender with KVM 120m	MD-4kHDE-KVM-120