

HDMI EXTENDER

HDMI extender with Audio IR 100m



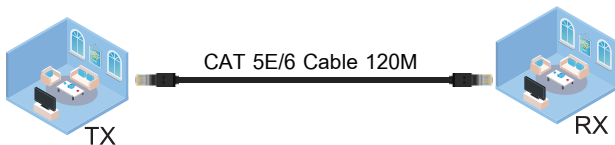
OVERVIEW

The Extender uses single cat5e or cat6 (recommended) cables instead of HDMI cable to transmit high definition signal up to 100 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal.

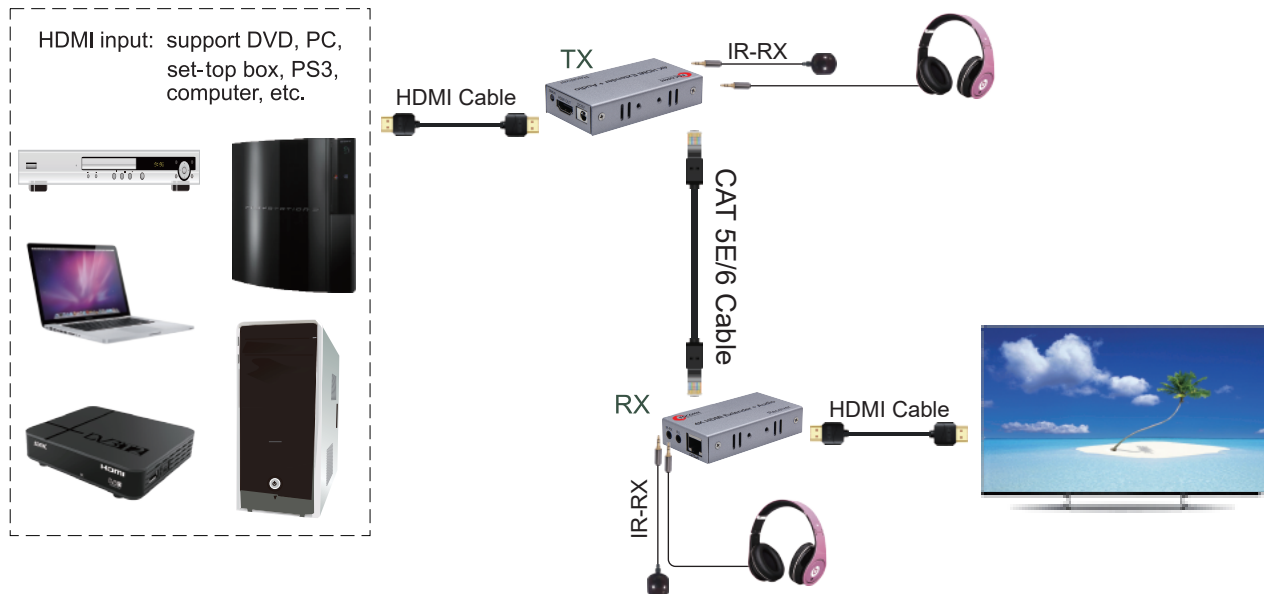


FEATURE

- Support HDMI 1.4a.
- Support 100m long distance transmission
- Low power consumption, low temperature and high safety.
- Support 3D video format
- Both the TX and RX support 3.5MM left and right audio output
- Support IR control



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	Up to 100 meters
HDMI Input	4k/1080p/720p/576p/576i/480p/480i
HDMI Output	4k/1080p/1080i/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	≤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°C to +55 °C)
perating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	82x45x18(mm)
TX Weight	100g
RX Weight	120g

CONNECTING AND OPERATING

- 1.Connect one HDMI cable between source device and TX Extender, the max cable distance is 15 meters
- 2.Connect one HDMI cable between display device and RX Extender, the max cable distance is 15 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 100 meters
- 4.Connect 5V power supply to the TX and RX.
- 5.LED indicator light TX LED indicator light: When there is no signal input, it turns blue; When there is signal input, it turns red.
RX LED indicator light: When there is no signal input, it turns blue; When there is signal input, it turns red.
- 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)

ORDER INFOMATION

PRODUCT	PART NUMBER
HDMI extender with Audio IR 100m	MD-HDE-A-IR-120