



120M HDMI KVM UTP Extender 1080P

Model No.: LM-K120H



User Manual

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Introduction

This series of extender is used to transmit 1080P HD HDMI audio and video, USB keyboard and mouse and other signals of the device, including a number of styles, the user according to the actual needs of the corresponding style can be selected.

Using the national standard oxygen-free copper CAT5E (24WAG gauge / 0.53 wire diameter) single cable can transmit the signal up to 120 meters, using the national standard oxygen-free copper CAT6 (23WAG gauge / 0.56 wire diameter) or above the maximum transmission of 160 meters of cable. And provide a HDMI output port on the sending end to connect to a local monitor. The built-in EDID of the extender greatly improves the compatibility of the device.

The device has a long transmission distance, low cost, easy to install, good compatibility, is a stable and efficient transmission method, widely used in computer monitoring systems, high-definition conference systems, high-definition teaching systems, high-definition digital advertising and other signal transmission areas.



Features

1. Support 120m long distance transmission.
2. Support point-to-point mode and cascade connection mode.
3. Low power consumption, low temperature and high safety.
4. Support IR remote control.
5. Support USB mouse and keyboard extension.
6. The design of pure hardware, plug and play.
7. Support resolution up to 1080P.

Specifications

Specifications

Resolutions	480P/720P/1080P
Support video color format	8bit YCbYCr/RGB
Support audio format	LPCM
Max bandwidth	148.5MHz
Max baud rate	1Gbps
Input HDMI cable distance	≤10m AWG26 HDMI standard cable
Output HDMI cable distance	≤15m AWG26 HDMI standard cable
Power adapter format	Input AC (50HZ, 60HZ) 100V-240V; output: DC5V/1A
The max working current	400mA
Size(L-W-H)	98*78*28mm
Operating Temperature/Humidity	0℃-45℃/10%-80%RH(no condensation)
Storage Temperature/Humidity	-10℃-70℃/5%-90%RH(no condensation)

Interfaces

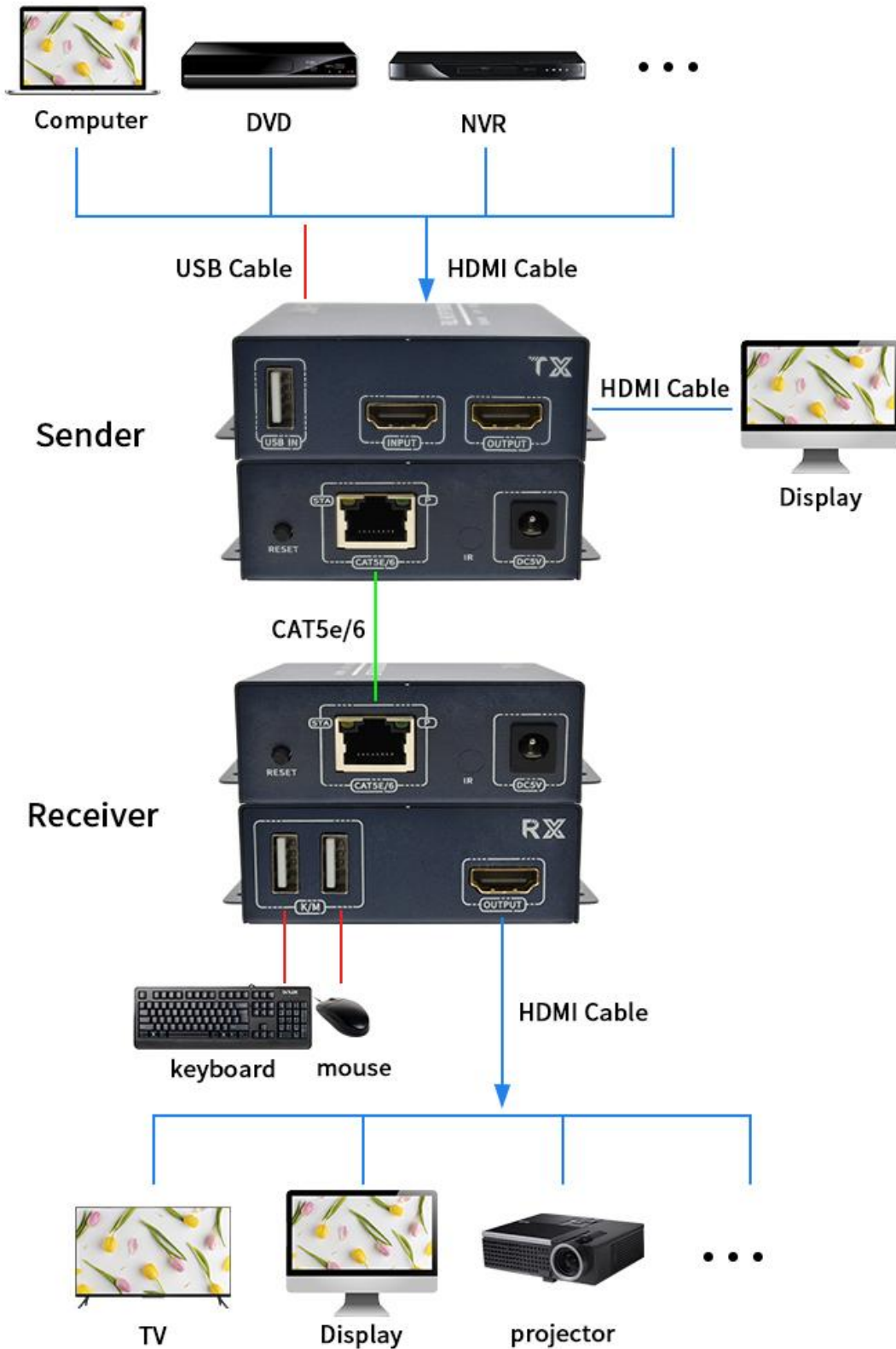


- ① USB IN
- ② HDMI IN
- ③ HDMI OUT
- ④ Mouse/keyboard
- ⑤ HDMI OUT



- ① Reset
- ② RJ45
- ③ DC 5V
- ④ Reset
- ⑤ RJ45
- ⑥ DC 5V

Connection



Connecting and Operating

1. The selection of national standard network cable, standardised network cable wiring, avoiding strong electricity and electromagnetic and other sources of interference that may affect signal transmission or good protection and shielding measures.
Interference sources or good protection and shielding measures;
2. Make sure the host output resolution is not higher than 1920*1080@60HZ and not 1920*1080@24HZ;
3. The transmitter and receiver connected to the power supply, at this time the two ends of the network port P light is always on, the equipment began to run;
4. The HDMI signal source into the sender INPUT interface, the network interface STA light is always on, the signal is normally identified;
5. The sender OUTPUT access to the local display device, the local display device can work normally, do not need to be connected;
6. With an unoccupied 8-core pure copper national standard network cable (568B wire order) to connect the sending end and the receiving end of the network interface;
7. The receiving end OUTPUT connected to the display device, this time the receiver STA light is always on, the remote display device communication;
8. The installation is complete, the equipment works normally, do a good job of grounding and other safety measures to ensure that the equipment can be long-term stable operation.

Package Contents

1. TX Extender 1PCS
2. RX Extender 1PCS
3. DC/12V1A Power Adapter 2PCS
4. USB Cable 1PCS
5. User Manual 1PCS



Shenzhen LINK-MI Technology Co., Ltd.

www.link-mi.com E-mail: sales@link-mi.com