



HDMI Extender OVER NETWORK

User's manual

• Introduction

This HDMI extender over cat6 extends the HDMI content up to 60 meters for 1080p.

• Important safety notice

1. Do not mix up HDMI to RJ45 sender and RJ45 to HDMI receiver before installation.
2. Do not hot plug when it is working.
3. Use DC5V power supply only. Make sure specification matched if using adapters not supplied by factory.

• Package Contents



HDMI to RJ45
sender TX*1pcs



RJ45 to HDMI
receiver RX*1pcs



User manual*1pcs



DC5V1A*2pcs



IR blaster extension
cable *1pcs



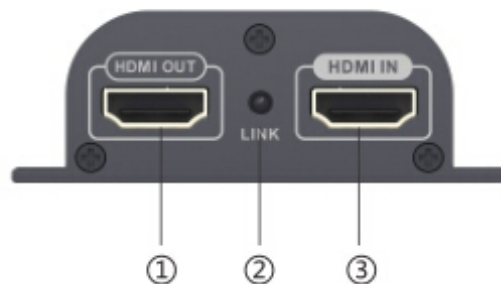
IR receiver extension
cable*1pcs

• Installation Requirements

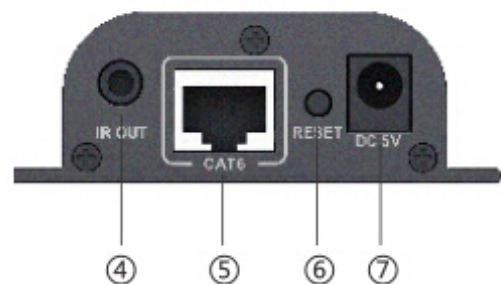
1. HDMI source device(computer graphics card, DVD,PS3, HD monitoring equipment etc).
2. HDMI display device like SDTV, HDTV, projector with HDMI port.
3. UTP/STP cat6/6A/7 cable, follow standard IEEE-568B.

• Panel Description

1. HDMI to RJ45 transmitter

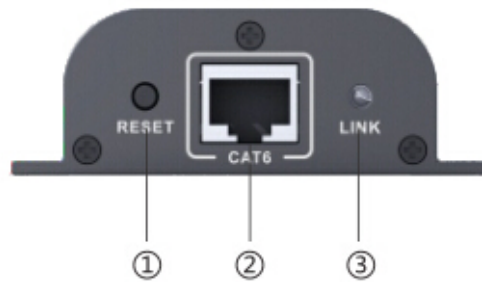


- ① HDMI signal output
- ② HDMI signal indicator led
It lights on all the time with HDMI signal input, flashes with no signal input.
- ③ HDMI signal input

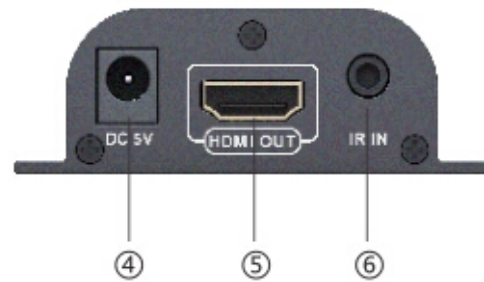


- ④ IR signal output to connect with blaster extension cable
- ⑤ RJ45 signal output
- ⑥ Reset
- ⑦ DC5V power input

2. RJ45 to HDMI receiver



- ① Reset
- ② RJ45 signal input
- ③ RJ45 indicator led
It lights on all the time with HDMI signal transmission, flashes with no signal transmission.



- ④ DC5V power input
- ⑤ HDMI signal output
- ⑥ IR signal input to connect with IR receiver extension cable

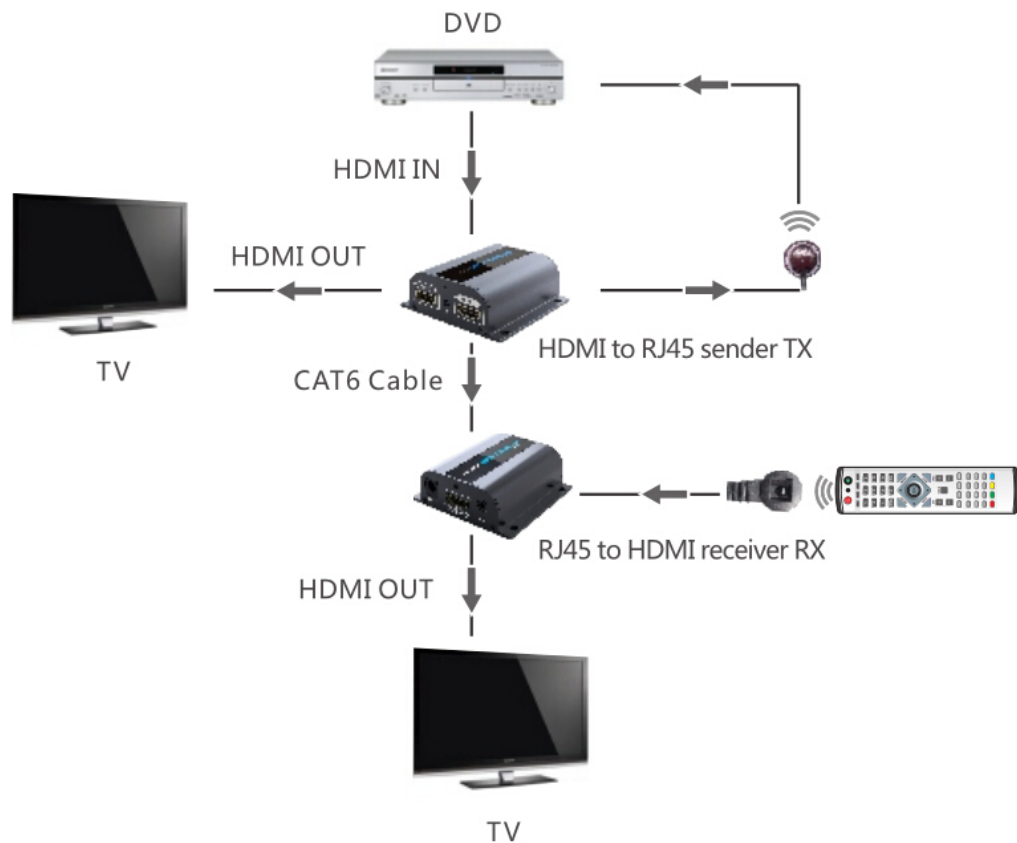
• Installation Procedures

1. Cat6 network cable

Follow the stanard of IEEE-568B:

- | | |
|-----------------|----------------|
| 1- Orange/white | 5- Blue/white |
| 2- Orange | 6- Green |
| 3- Green/white | 7- Brown/white |
| 4- Blue | 8- Brown |

2. Connections



Connection instruction:

- 1) Connect TX HDMI input with source device HDMI output.
Connect TX HDMI output with HDTV HDMI input.
- 2) Connect TX CAT6 with RX CAT6.
- 3) Connect RX HDMI output with HDTV HDMI input.
- 4) Power on the device and it works

• FAQ

Q: No image output or audio and video display is not normal?

A: 1) Adjust RX "RESET" button to reset the device.

2) Try shorter network cable to reconnect.

Q: RX "LINK" led is flashing all the time?

A: 1) Make sure network cable connection follows the standard of IEEE-568B.

2) Check whether TX has HDMI signal input.

3) Reset TX&RX and reconnect.

Q: RX "LINK" led lights on all the time but no image output?

A: 1) Press RX "RESET" button to reset the device.

2) Make sure HDMI cable is well connected with TV.

3) Make sure the network cable is fine copper wires.

• Specification

| Items | Specifications |
|---------------------|--|
| HDMI signal | Compatible with HDCP |
| Support resolution | 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz |
| Network cable | low resistance and consumption oxygen-free copper core (CAT6, CAT6A, CAT7) |
| Transmission length | CAT6: 60m at 1080p |
| IR remote control | Support 20~60KHz wide frequency IR remote control |
| Working temperature | 0°C ~ 60°C |
| Power supply | DC5V/1A |
| Power consumption | TX<3W; RX<2W |
| Product dimension | 71.6mm(L)*66.6mm(W)*24.8mm(H) *2pcs |
| Weight | 83g+80.6g |
| Color | Black |