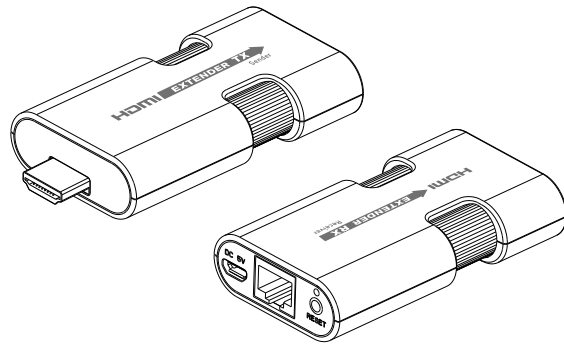


MINI HDMI EXTENDER

User manual



• 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.

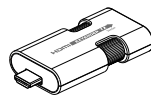
• Introduction

This HDMI extender over CAT6 extends the HDMI content up to 50 meters for 1080p.

• Features:

1. Signal amplifier and zero signal loss.
2. Transmit HD signal 1080p 60Hz over single CAT6 cable up to 50m
3. Sender (TX) is powered from HDMI source signal and Receiver (RX) from TV USB port.
4. Plug and play with compact design.

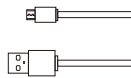
• Package Contents



HDMI to RJ45 sender TX*1



RJ45 to HDMI receiver RX*1



DC5V/1A Micro USB power line*2



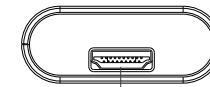
User manual*1

• 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

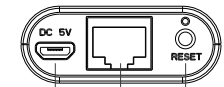
1. HDMI to RJ45 transmitter



①

① HDMI signal input

② Micro USB power input(DC5V)



②

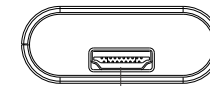
③

④

③ RJ45 signal output

④ Reset Button

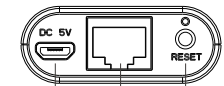
2. RJ45 to HDMI receiver



①

① HDMI signal output

② Micro USB power input(DC5V)



②

③

④

③ RJ45 signal input

④ Reset Button

• Installation Procedures

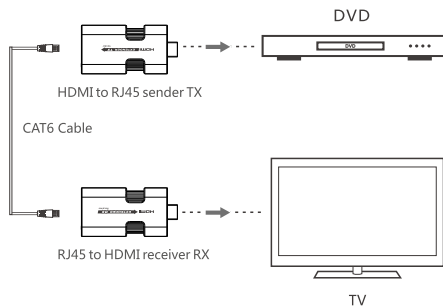
1. CAT6 network cable

Follow the standard 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 to source device HDMI output.
- 2) Connect TX RJ45 to RX RJ45 with CAT6 cable.
- 3) Connect RX HDMI output with HDTV HDMI input and set TV source input signal to be the right HDMI channel.
- 4) Power on the device and it works.

• FAQ

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

- A:** 1) Press RX "RESET" button to reset the device.
2) Try shorter network cable to reconnect.

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

- A:** 1) Press RX "RESET" button to reset the device.
2) Make sure RX HDMI port is well connected with TV.
3) Make sure the network cable is fine copper wires.

Q: Sender gains power from source device but no image output?

- A:** Try to use external DC 5V(no less than 500mA)power adapter with USB port to provide power.

• 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: 50m at 1080p
Working temperature	0°C~60°C
Power supply	DC5V/1A
Power Interface	Micro USB
Power consumption	TX<2W; RX<2W
Enclosure material	Plastic
Product dimension	90(W) x 45.5(D) x 17.5(H)mm *2PCS
Weight	TX: 30g RX: 30g
Color	Black

Disclaimer

The product name and brand name may be registered trademark of related manufactures. ™ and ® may be omitted on the user manual. The pictures in this user manual are just for reference. The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.