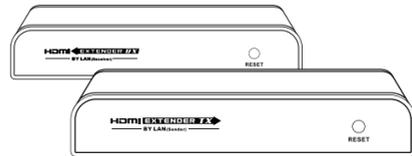


Lan to HDMI POE Receiver

User Manual



• Safety Important Notice

1. Do not mix up HDMI to Lan sender and Lan to HDMI receiver. It may result in the failure of the installation.
2. Do not mix up IR blaster and IR receiver.
3. Do not unplug the IR blaster and IR receiver when they are using.
4. Use DC5V power supply only. Make sure specification matched if using adapters not supplied by factory.

• Package Content



LAN to HDMI POE receiver IR receiver extension cable User manual

• Installation Requirement

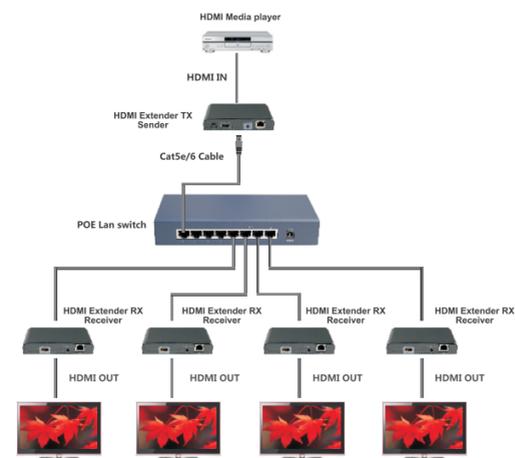
1. Work with HDMI to LAN sender TX.
2. HDMI source device (computer graphics card, DVD, PS3, HD monitoring equipment etc).
3. HDMI display device like SDTV, HDTV, and projector with HDMI port.
4. UTP/STP cat5e/6 cable
5. Lan switch with POE function. HDMI extender sender TX connects with LAN switch normal Lan port and RX has to connect with the POE port.
6. The max distance supports between TX and the switch & the switch and RX connection is following:
if cat5, the distance is 80m.
if cat5e, the distance is 100m.
if cat6, the distance is 120m.

• Installation Procedures

1. Cat5e/6 network cable
Follow the stanard of IEEE-568B:
1-Orange/white, 2-Orange, 3-Green/white,
4-Blue, 5-Blue/white, 6-Green, 7-Brown/white,
8-Brown



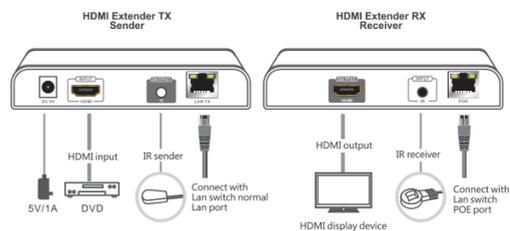
2. Lan switch connection



3. IR remote control connection

- 1). IR sender extension cable connects with TX IR output; IR receiver extension cable connects with RX IR input.
- 2). IR extension sender head should be as close as possible to source device IR receiver head.

4. Panel Description



• FAQ

Q: TV screen is black and OSD display "Searching TX" on top left corner?
A: Check TX/RX & lan switch power status and network cable connection.

Q: TV screen is black and OSD display "Check TX' s input signal" ?
A: Check if the TX has HDMI signal input. Change HDMI cable to retest.

Q: Yellow led of Lan port is flashing slowly?
A: 1) Check if mix up the connection of HDMI extender TX and HDMI extender RX.
2) Check if there is HDMI signal output of HDMI source device.
3) Change TX HDMI input cable or HDMI source signal to test.

Q: HDMI receiver RX not work?
A: Make sure Lan switch with POE power supply function.

Q: IR remote control does not work?
A: 1) Check if mix up the connection of IR sender and IR receiver.
2) Adjust the angle of IR sender and device IR receiver window.

• Specification

Items	Specifications
DDC Signal	5Vp-p (TTL)
Bandwidth Frequency	10.2Gpbs
Support input resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Support output resolution	480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@50/60Hz
Support audio format	44.1kHz, 48kHz
Video Compressing Format	M-JPEG
Transmission Protocol	UDP
Lan switch	Has to support POE power supply function
Network cable	UPT/STP cat5/cat5e/6
Transmission length	HDMI 1080p with cat5 cable for 100M
Network cable length between all connections	CAT5: <80m CAT5E: <100m CAT6: <120m
IR remote control device	Support 20-60KHz IR device
Support LAN bandwidth	100M
Power consumption	Tx: 3W; Rx: 3W
Product dimension	LxWxH: 130x85x24(mm)

Disclaimer

The product name and brand name may be registered trademark of related manufacturers. TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.