User's manual

HDMI Extender OVER NETWORK
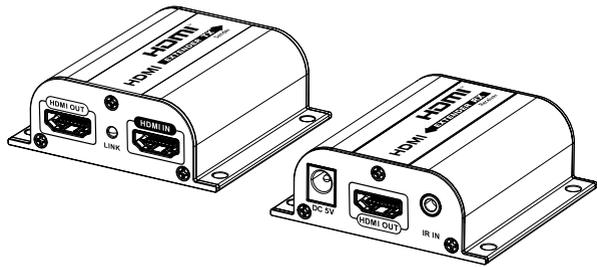
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• Introduction

This HDMI extender over cat6 extends the HDMI content up to 50 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/1A power supply only. Make sure specification matched if using adapters not supplied by factory.
4. Static electricity will cause damage of the device, please do ESD protection when using the device.
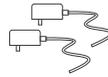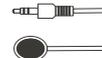
• Package Contents

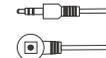HDMI to RJ45 sender TX*1pc

RJ45 to HDMI receiver RX*1pc

User manual*1pc

DC5V1A*2pcs

IR blaster extension cable *1pc

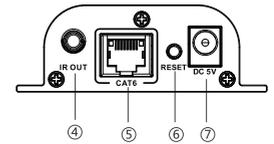IR receiver extension cable*1pc

• 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.
4. Please use a network cable with a length ranging from 15 to 50 meters.

• Panel Description

1. HDMI to RJ45 transmitter

① ② ③   ④ ⑤ ⑥ ⑦
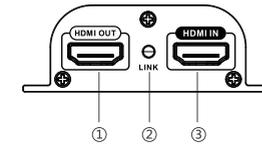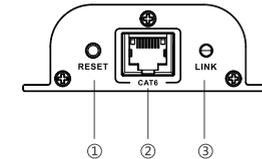
① HDMI signal output
② HDMI signal indicator led
   It lights on all the time with HDMI signal input, flashes with no signal input.
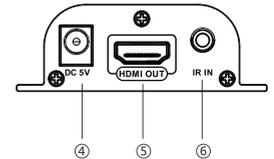③ HDMI signal input

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 ② ③   ④ ⑤ ⑥

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
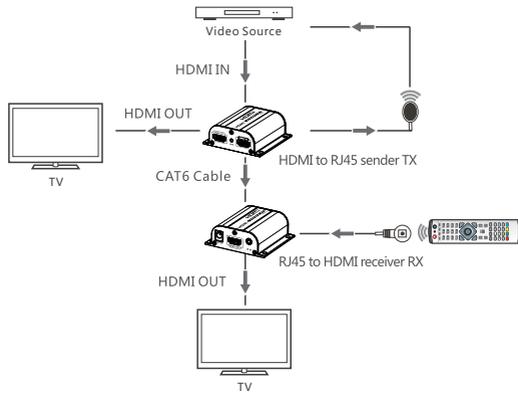
• Installation Procedures

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

Video Source

HDMI IN

HDMI OUT

HDMI to RJ45 sender TX

CAT6 Cable

TV

RJ45 to HDMI receiver RX

HDMI OUT

TV

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	CAT6:50m at 1080p
IR remote control	Support 20~60KHz wide frequency IR remote control
Working temperature	0℃～60℃
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