# HDMI Extender OVER NETWORK

User's manual
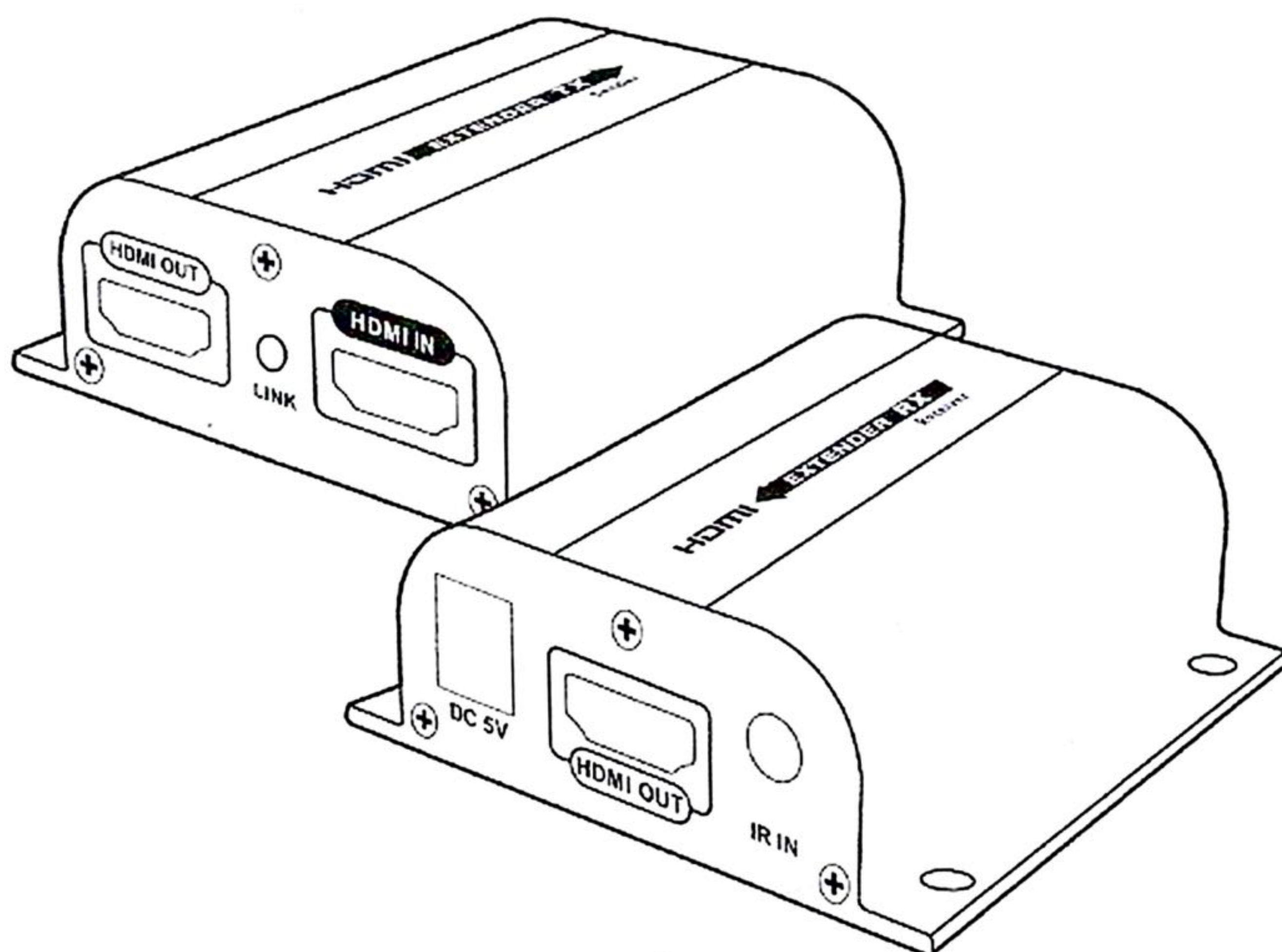
• Introduction

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 power supply only. Make sure specification matched if using adapters not supplied by factory.

• Package Contents
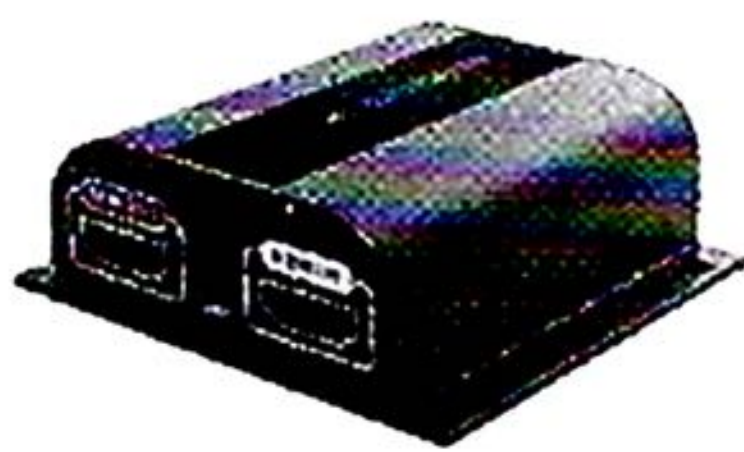
HDMI to RJ45 sender TX*1pcs	RJ45 to HDMI receiver RX*1pcs	User manual*1pcs
DC5V1A*2pcs	IR blaster extension cable *1pcs	IR receiver extension cable*1pcs

• 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.
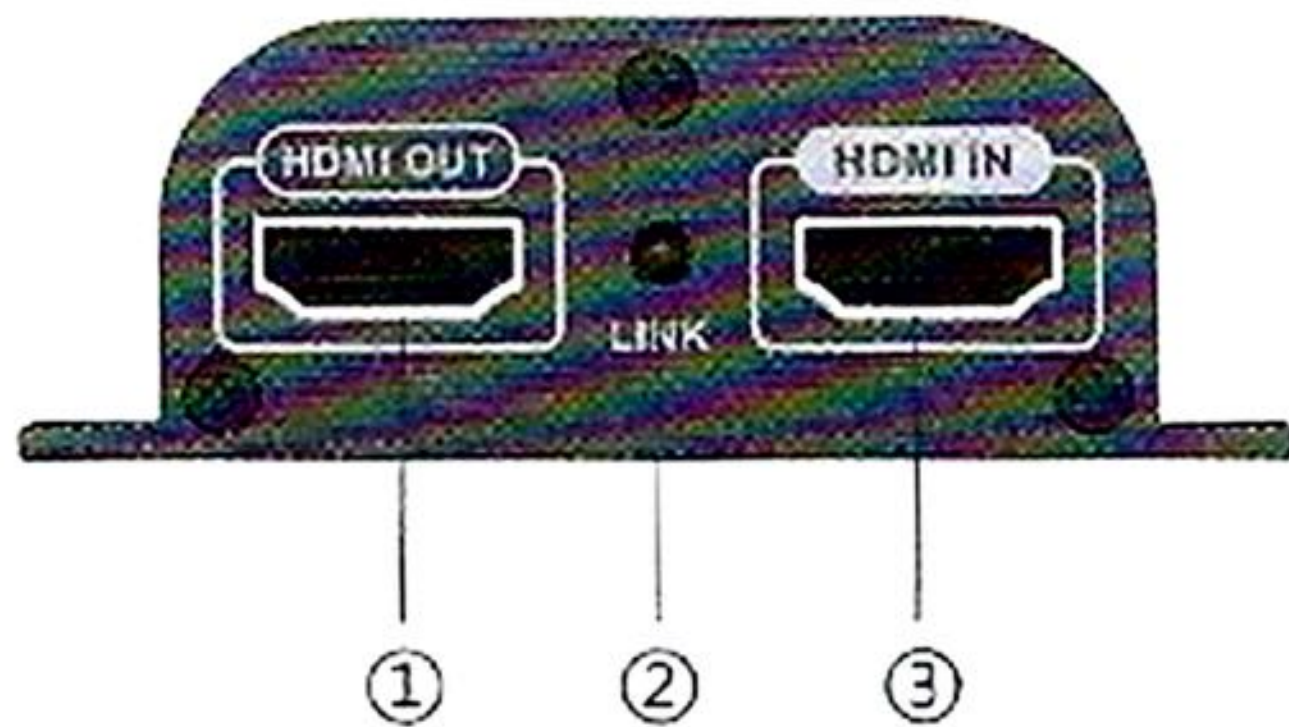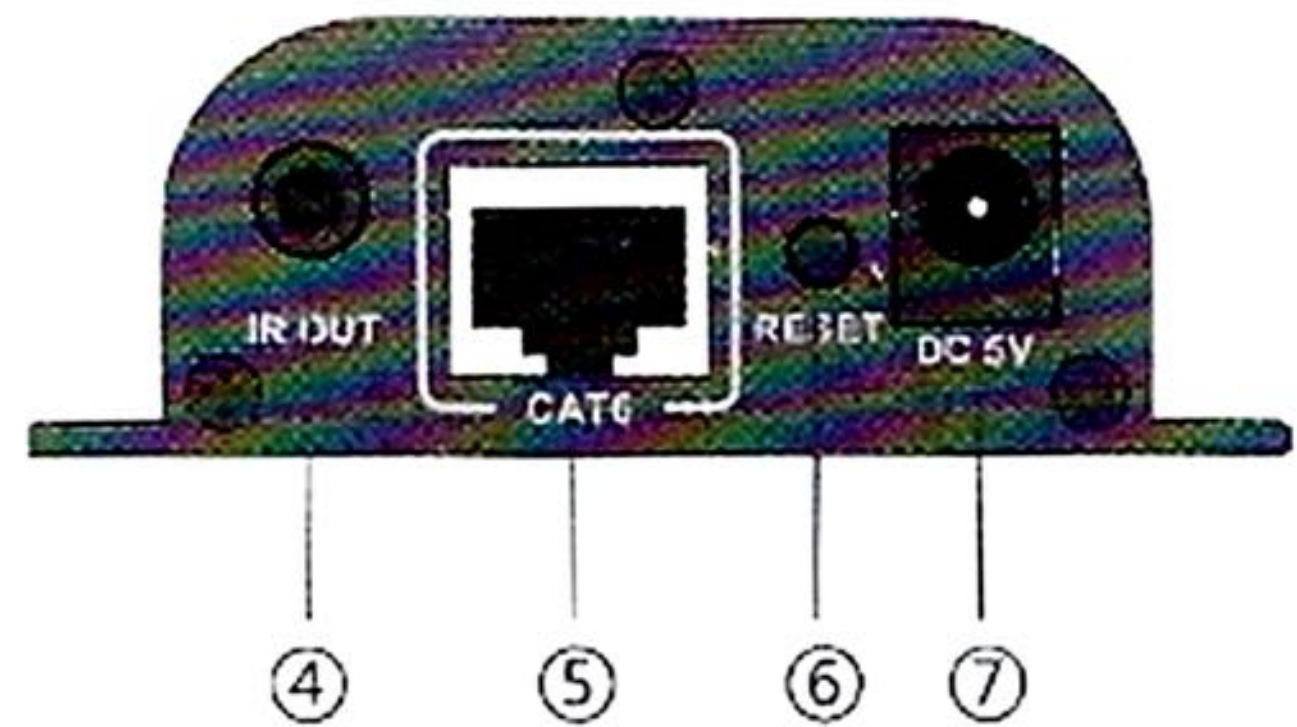3. UTP/STP cat6/6A/7 cable, follow standard IEEE-568B.

• Panel Description

1. HDMI to RJ45 transmitter
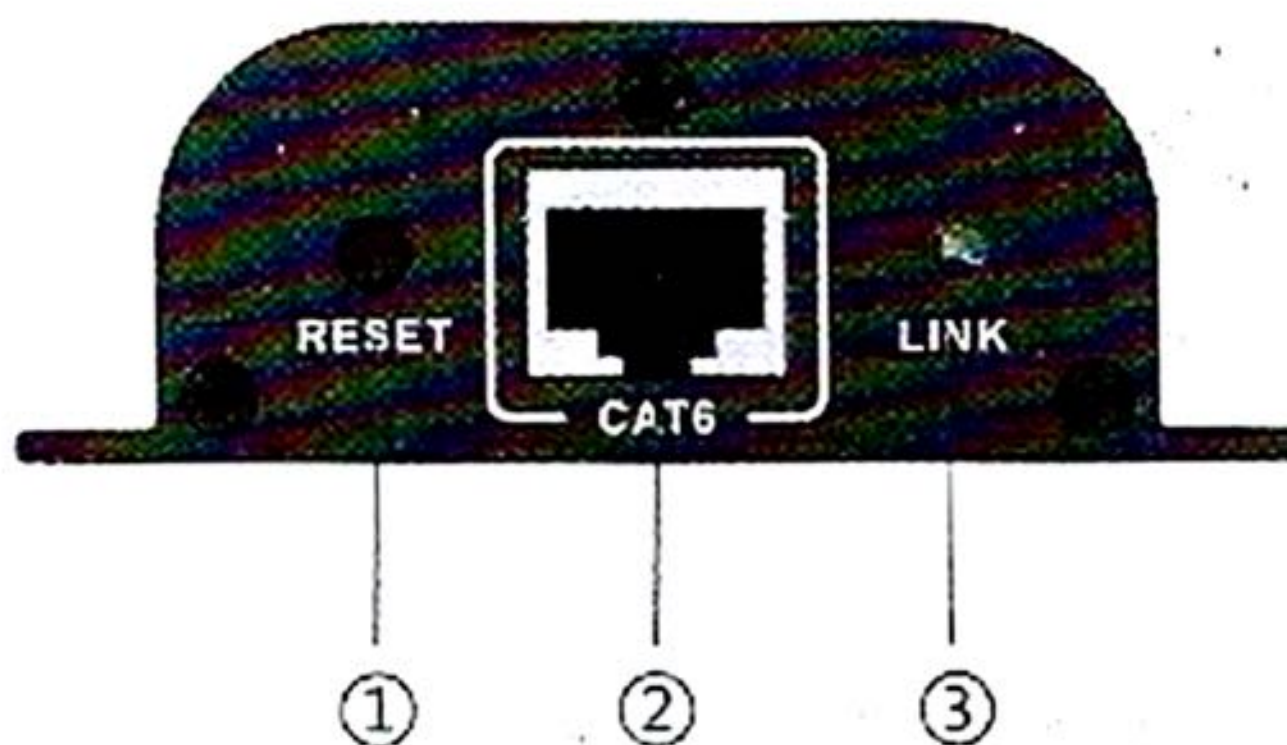

① HDMI signal output

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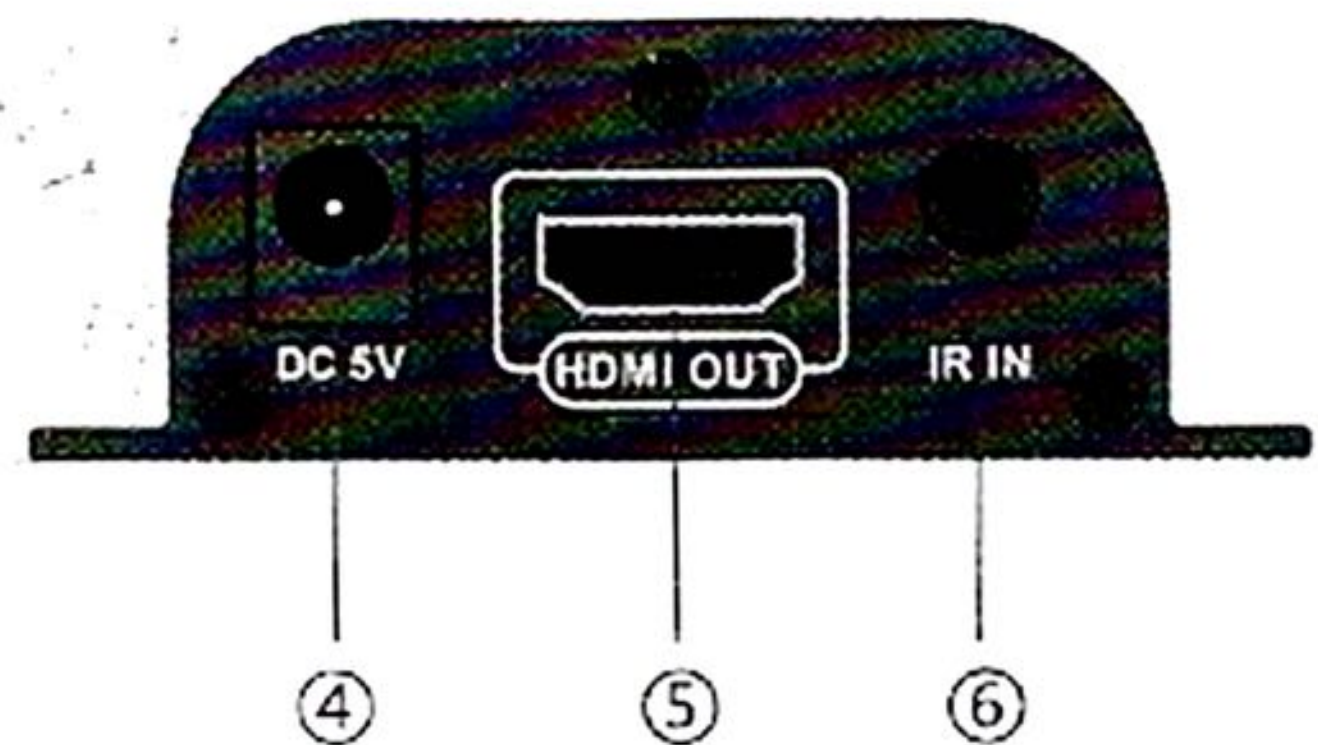
③ HDMI signal input

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
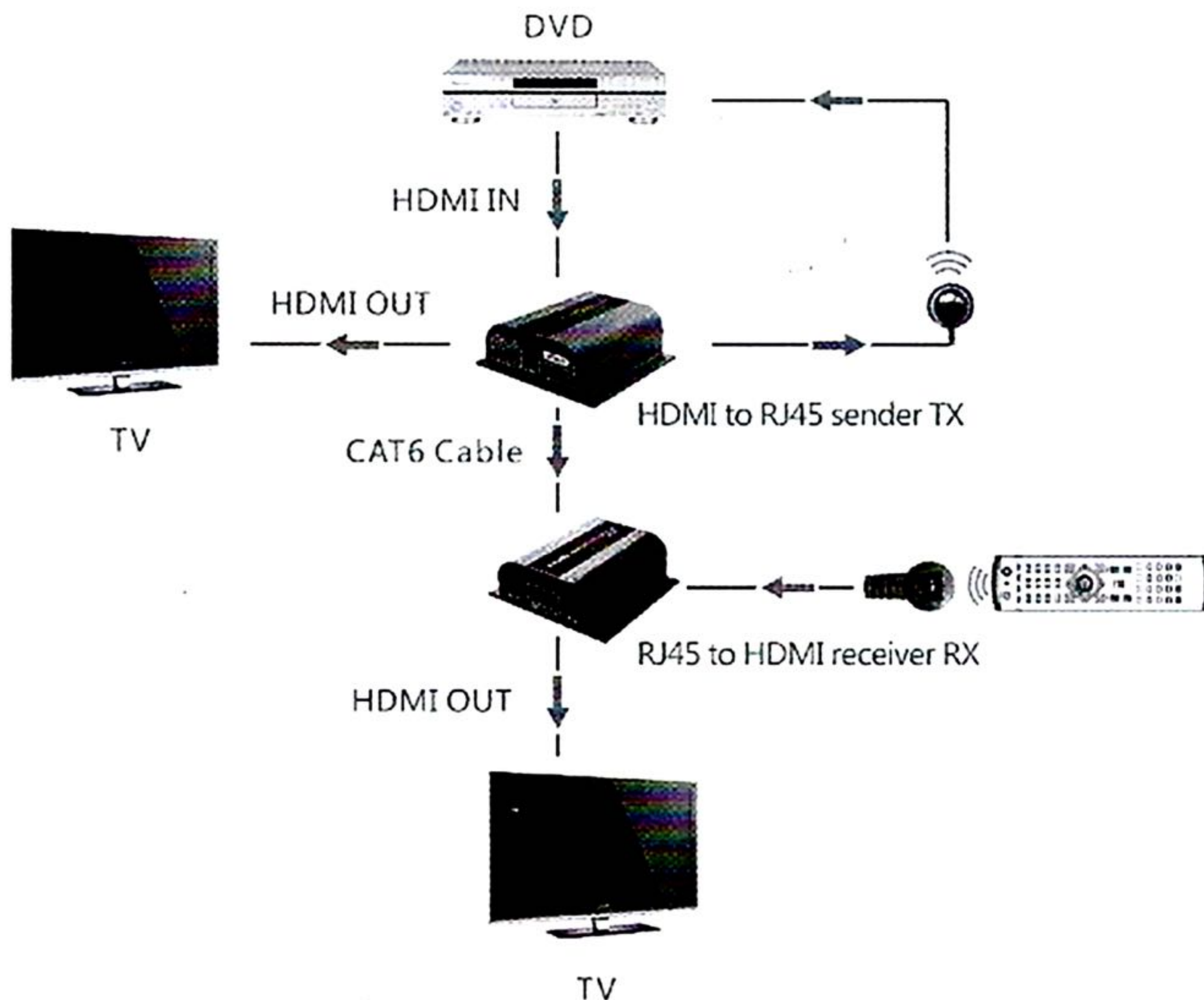
1. Cat6 network cable
Follow the stanard of IEEE-568B:

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

2. Connections

DVD

HDMI IN

HDMI OUT

TV

CAT6 Cable

HDMI to RJ45 sender TX

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

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.