

# 50m HDMI Extender over single Cat5e/6 cable with loop out

Support 1080P60hz YUV4:4:4

## OPERATION MANUAL



## Operating Instructions

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### **Dear Customer**

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

### **Notice**

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

### **Features**

- Each set includes one transmitter with loop out and one receiver
- Audio sampling rate up to 48KHz, support 7.1 channels
- Support 1080P60HZ@YUV4:4:4 Maximum extension of 50m
- DC12V1A, support POC power supply
- RX end one-way infrared transmission to TX end
- Copy local and remote EDID functions
- Setting of distance extension dialing switch: cat5e/cat6 10m ~ 50m
- Support Dolby True-HD, DTS-HD Master audio.

### SPECIFICATIONS

Operating Temperature Range	-5 to +40°C (+23 to +104°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Connectors on Transmitter	HDMI Receptacle x 2 (1xHDMI input, 1xHDMI loop output) Power DC Receptacle x 1 IR Receptacle x 1(for IR TX )
Connectors on Receiver	HDMI Receptacle x 1 IR Receptacle x 1(for RX cable)
Resolution outputs	1080p/1080i/720p/576p/480p
Audio format supported	DTS-HD Master Audio, Dolby True HD, multi-channel 7.1, stereo etc
Output Video Signal	HDMI
Dimension (L×W×H)	TX: L79.3xW68xH16.5mm; RX: L79.3xW68xH16.5mm
Power supply	DC 12V1A Power supply
Power consumption	2W(MAX)
Transmission Distance	1080p up to 50mⓈ
Net Weight	TX: 120g; RX:115g

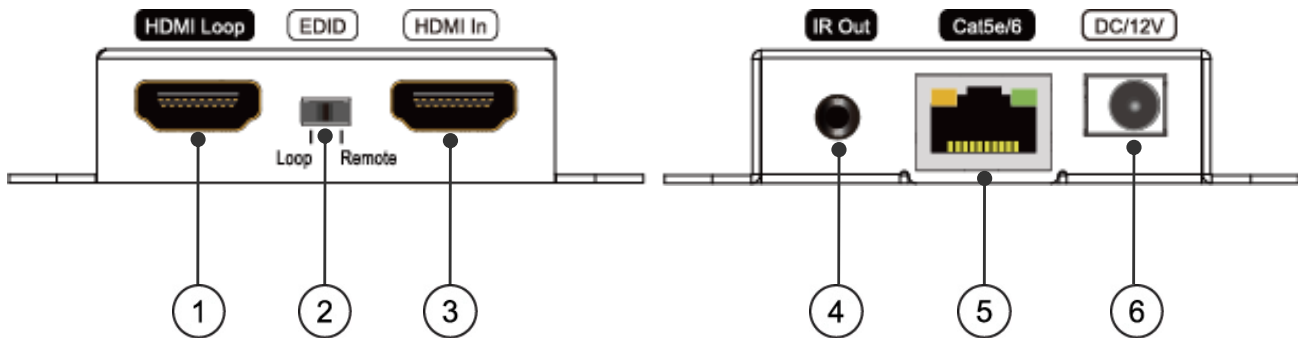
**Note 1** :Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels or wall outlets.

### Package Contents

- 1xHDMI Transmitter
- 1xHDMI Receiver
- 1 x IR TX Emitter
- 1x IR RX Receiver
- 1x12V DC Adapter
- 1xUser Manual

**PANEL DESCRIPTIONS**

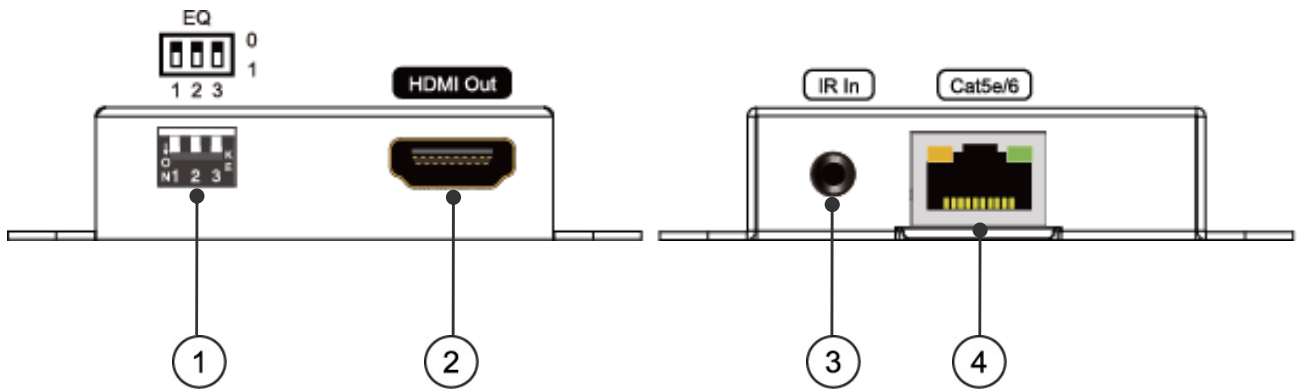
**Transmitter Panel**



- ① HDMI loop out port
- ② EDID Switch **1**
- ③ HDMI input port
- ④ IR Out port
- ⑤ Cat5e/6 output port
- ⑥ DC 12V port

**Note 1:** The transmitter of this product has the function of EDID copy, Dial to the left side means copy loop EDID, and dial to the right side means copy remote EDID.

**Receiver Panel**



- ① DIP switch **1**
- ② HDMI output port
- ③ IR In port
- ④ Cat5e/6 input port

**Note 1:** Its receiver has 3 bit dialing switch.

From left to right, 1 is the high position, 3 is the low position, Corresponding to binary, dial up to 0, dial down to 1, for the extension cord distance adjustment. Different network cable lengths need to be set according to the following table.

000	1~15meters network cable distance
011	16~30meters network cable distance
101	31~40meters network cable distance
111	41~50meters network cable distance

## Connecting and operating

1. Connect 1 source such as a Blu-Ray Player, game console, STB, etc. to the HDMI input on the transmitter
2. Connect 1 display such as an HDTV or HD Projector to the Loop HDMI output on the transmitter.
3. Connect 1 display such as an HDTV or HD Projector to the HDMI output on the receiver .
4. Connect a single Category 5e/6/7 up to (50m) to both transmitter and receiver.
5. Plug in the IR-RX cable and IR-TX cable to the IR jack port located on the Receiver and transmitter banal.
6. Power on the transmitter firstly, then power on the source and sink.

## Connection Diagram

