



**Ref. LOHD 73XS**

# HDMI UTP Extender

## USER MANUAL

### 1. Description

The HDMI extender provides extension of HDMI signals long distances over a single UTP cable, it supports high resolution up to 1080p. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

### 2. Features

- ✧ Transmits HDMI video and audio signals up to 50M over a single CAT6 cable;
- ✧ Support video resolution up to 1920\*1080@60Hz,I;
- ✧ Compliance with HDMI 1.3 standard;
- ✧ Support local loop output;
- ✧ Support reverse IR transmit;
- ✧ Support POC unilateral power supply
- ✧ High compatibility, can auto-match source and display device;
- ✧ Built-in automatic adjustment system, make the image smooth, clear and stable;
- ✧ Built-in ESD protection system;
- ✧ Simple to install, plug and play;

### 3. Package list

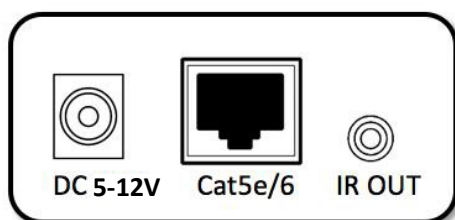
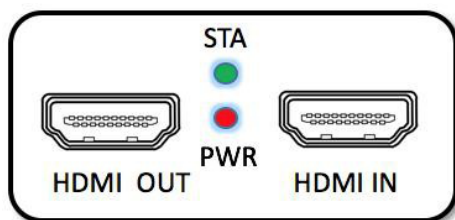
- HDMI transmitter.....1 pcs
- HDMI receiver .....1 pcs
- Power adapter ..... 1 pcs
- User manual.....1 pcs

## 4. Specifications

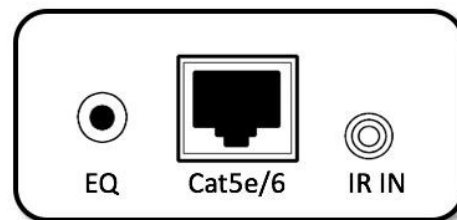
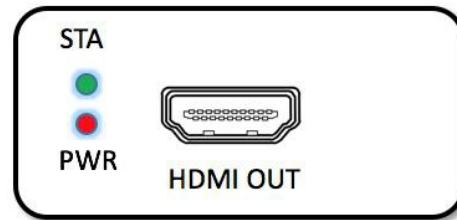
| Parameter |                       | Description                 |
|-----------|-----------------------|-----------------------------|
| Video     | Standards             | HDMI 1.3                    |
|           | Maximum pixel clock   | 165MHz                      |
|           | Maximum data rate     | 6.75Gbps                    |
|           | Resolution            | 1920X1080@60Hz              |
|           | Connector             | HDMI-A                      |
|           | Impedance             | 100Ω                        |
| Ethernet  | Interface             | RJ45                        |
|           | Transmission distance | CAT6---60M                  |
| Other     | Power supply          | The power adapter: DC 5-12V |
|           | Power dissipation     | MAX 3W                      |
|           | Temperature           | Operating: -5℃ ~ +70℃       |
|           | Humidity              | Operating: 5% ~ 90%         |
|           | Dimension             | 81.5*45.5*23 mm             |
|           | The warranty          | 1 year free warranty        |

## 5. Panel

### Transmitter:



### Receiver:

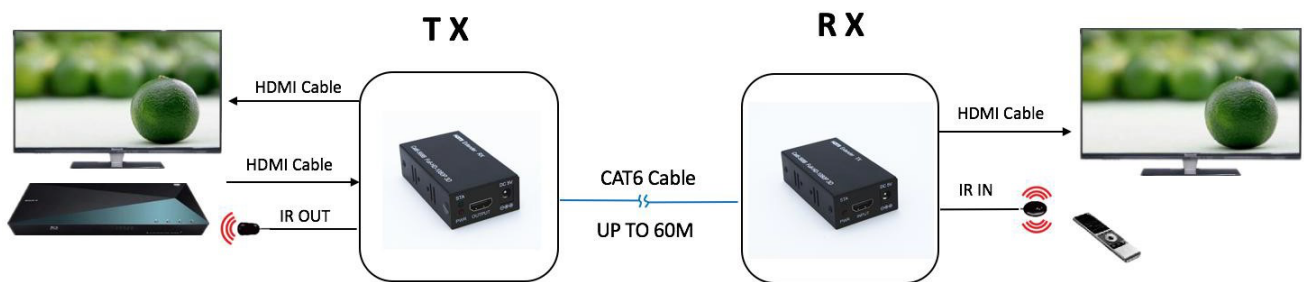


| <b>Port name</b>     | <b>Description</b>   |
|----------------------|--|
| HDMI IN/HDMI OUT     | HDMI signal input/output   |
| Cat 5e/6             | RJ45 port;   |
| DC 5-12V             | Power adapter socket   |
| EQ                   | EQ automatic adjust. When the video is not clear or unstable, it can be adjusted automatically through the EQ button |
| IR IN / IR OUT       | Wideband IR in /out  |
| <b>LED indicator</b> | <b>Description</b>   |
| PWR                  | System power indicator   |
| STA                  | HDMI signal indicator  |

## 6. Installation

- 1、 Connect an HDMI cable between the HDMI input port of transmitter and the HDMI output port of the video source,
- 2、 Connect the HDMI output port of receiver to the display device with HDMI cable,
- 3、 Connect the transmitter UTP port to the receiver UTP port using a single CAT6 cable.
- 4、 Connect the provided DC 5-12V power supplies to the power socket of the transmitter or the receiver,
- 5、 When the video is not clear or unstable, it can be adjusted automatically through the EQ button

## 7. Diagram



## 8. Warranty

Thank you very much for using our products.

The warranty time is one year and life-long maintenance. During this period, any belongs to under normal usage circumstance cause because of the product quality's problem of breakdown, our company will be responsible for giving free maintain.

Free maintain won't be given under the following circumstance:

- The malfunction and damaged caused by incorrect use, the unauthorized repairs and alteration;
- The damage caused by fire, flood, abnormal voltage, other natural disasters and secondary product damage;
- The product malfunction caused by not in accordance with the user manual operation;
- The malfunction and damaged caused by the other barriers(man-made factors or external device);