



## HDMI USER MANUAL

### 1. Description

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The H.264 HDMI extender transmit HD video and audio over one cat5e/cat6 cable, over TCP/IP standard, support one to many application over Ethernet.

The equipment has excellent image processing and transmission capacity, makes signal transmission more smooth and steady, is a kind of economic and efficient way of HDMI signal extension.

### 2. Features

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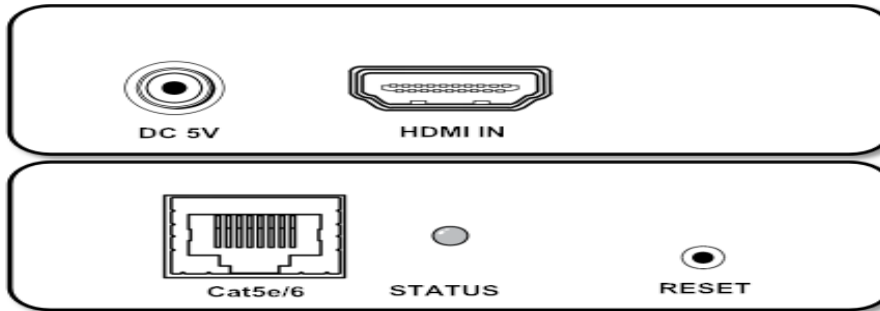
- Transmits HDMI video and audio signals up to 200M over a single CAT6 cable;
- Support video resolution max up to 1920\*1080p@60Hz;
- Support over TCP/IP, one to many application with Ethernet switch/router.;
- Compliance with HDMI 1.3 and HDCP 1.2 standard;
- High compatibility, can auto-match source 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. Specifications

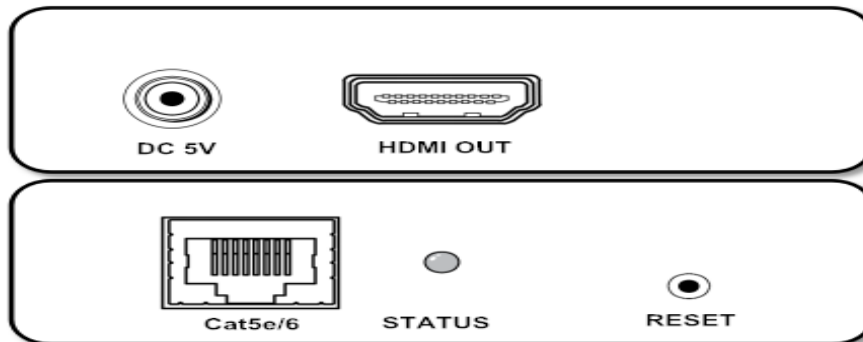
|          | Parameter             | Description              |
|----------|-----------------------|--------------------------|
| Video    | Standards             | HDMI 1.3; HDCP 1.2       |
|          | Compressed format     | H.264                    |
|          | Maximum pixel clock   | 165MHz                   |
|          | Maximum data rate     | 6.75Gbps                 |
|          | Resolution            | Max: 1920X1080p@60Hz     |
|          | Connector             | HDMI-A                   |
|          | Impedance             | 100Ω                     |
| Ethernet | Interface             | RJ45                     |
|          | Transmission distance | CAT6---200m ,            |
| Other    | Power supply          | The power adapter: DC 5V |
|          | Power dissipation     | MAX 6W                   |
|          | Temperature           | Operating: -5°C ~ +70°C  |
|          | Humidity              | Operating: 5% ~ 90%      |
|          | Dimension             | 95*89*16mm               |
|          | The warranty          | 1 year free warranty     |

## 4. Panel

Transmitter:



Receiver:



| Port name        | Description   |
|------------------|---|
| HDMI IN/HDMI OUT | HDMI signal input/output  |
| Cat5e/6          | Ethernet interface  |
| DC 5V            | Power adapter socket  |
| RESET            | Press for 5 second to restore system setting to factory default |
| LED indicator    | Description   |
| STATUS           | Video signal connection indicator/System power indicator        |

## 5. Package list

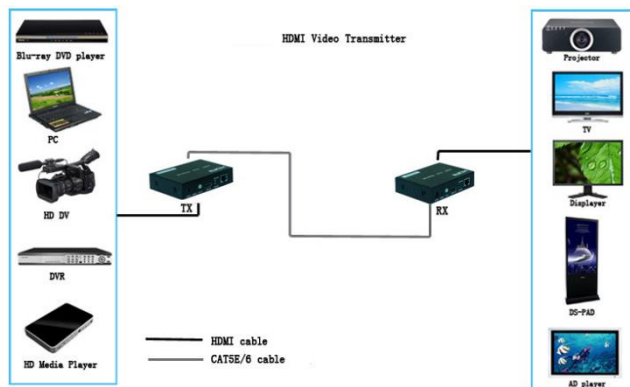
- HDMI transmitter ..... 1 pcs
- HDMI receiver ..... 1 pcs
- Power adapter ..... 2 pcs
- User manual ..... 1 pcs

## 6. Installation

- 1、 Will the HDMI source access HDMI extender transmitter,
- 2、 Connect the HDMI extender the receiver to display devices (such as high-definition TV, splicing screen, etc.),
- 3、 Using CAT6 types of cables connects the transmitter and the receiver network interfaces,
- 4、 The transmitter and the receiver connected to the power, when the lamp lights up normally, normal operation of system.

## 7. Diagram

One to one application



one to many application

