

# 100M HDMI 1x8 Splitter Extender

## User Manual

### 1. Product Description

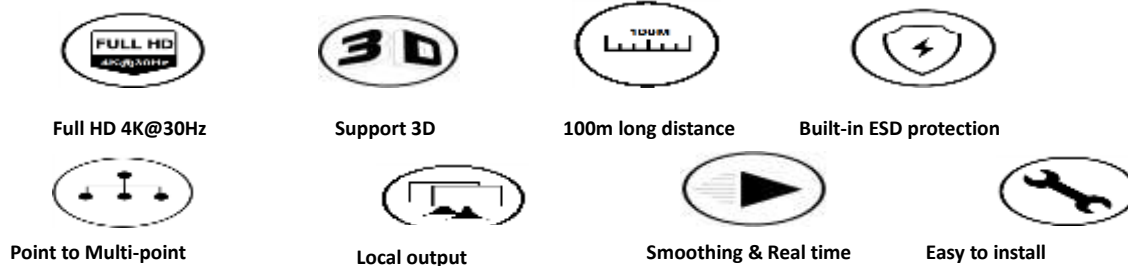
This extender is mainly used to extend the transmission of HDMI audio and video signals, and is usually used in the case where the HDMI line limit length cannot meet the transmission distance. This product transmits the HDMI HD audio and video signal from 1 to 8 to 100 meters through a single network cable of Cat6 and above specifications, Support long-distance transmission and support local HDMI output, while reducing the cost for users while ensuring the stability of the signal,

The device has a long transmission distance, low use cost, convenient installation and good compatibility, and it is a stable and efficient transmission method.

### 2. Main Features

- Use the UTP Cat6 cable for 100 m of transmission.
- Video resolution is up to 4K@30Hz
- The 1-to-8 receiver transmission is supported by the transmitter allocation extension.
- HDMI 1.4 and HDCP 1.4 standards .
- High compatibility to automatically match signal sources and display devices .
- Built-in auto-adjustment system makes the image smooth, clear and stable.
- Built-in ESD electrostatic protection circuit, simple to install, plug and play.
- Application areas: 1:8 solutions (store, restaurant, classroom, monitor, speakers, energy saving, virtual desktop, digital camera,).

### 3. Advantage



### 4. Specification

	Parameter	Description
Video	Standards	HDMI 1.4; HDCP 1.4
	Maximum pixel clock	340MHz
	Maximum data rate	10.2Gbps
	Resolution	Max: 3840X2160@30Hz
	Connector	HDMI-A

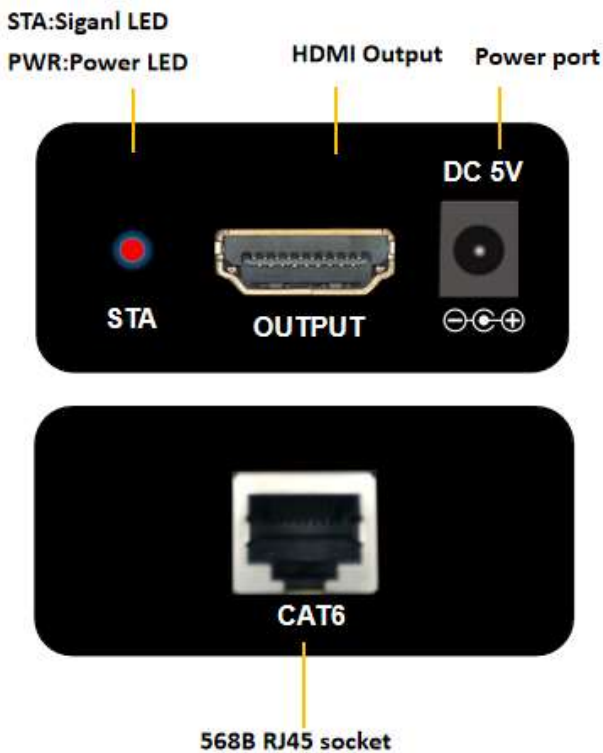
	Impedance	100Ω
Ethernet	Interface	RJ45 (568B)
	Transmission distance	UTP CAT6---100m
Other	Power supply	The power adapter: TX:DC 12V/3A; RX:5V/1A
	Power dissipation	TX:20W ; RX 3W*8
	Temperature	Operating: -5°C~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	TX : 400*140*28mm ; RX : 79*43*23mm
	The warranty	1 year free warranty

## 5. Panel

### Sender:



### Receiver :



## 6. Installation Steps

- 1、 Connect the HDMI signal source to the transmitter INPUT interface,
- 2、 Connect the HDMI extender receiver OUTPUT to the display device,
- 3、 Use the Cat6 class network cable to connect the network interface between sender and receiver,
- 4、 Connect the transmitter and the receiving terminal to the power supply. When the indicator light is lit normally, the system is running normally.
- 5、 Use of EDID button: if the PWR and STA indicators of the transmitting end are connected, the indicator light of the receiving end is fully on, and the display has no image, color, and dissatisfaction screen, connect the HDMI port of the.

## 7. Packing List

- HDMI extender transmitter x 1
- HDMI extender receiver x 8
- 12V3A Power adapter x 1
- 5V1A Power adapter x 8
- Instruction manual x 1

## 8. Using Diagram & Application

### One to many

