HDMI 1x7 Splitter Extender

USER MANUAL

1.Description

The HDMI extender provides extension of HDMI signals long distances over a single CAT6 cable, transform one channel input to 7 channels output and 1 channel loopout, it supports high resolution up to 1080p and 13 kinds of EDID mode. 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 1 HDMI video and audio signals up to 50M over a single CAT6 cable;
- Support video resolution up to 1920*1080@60Hz, 3D signal;
- Transform one channel HDMI input to 7 channels Cat6 signal output and 1 channel loopout;
- Support 13 EDID mode, can match many kinds of display device;
- Support POC function;
- 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;
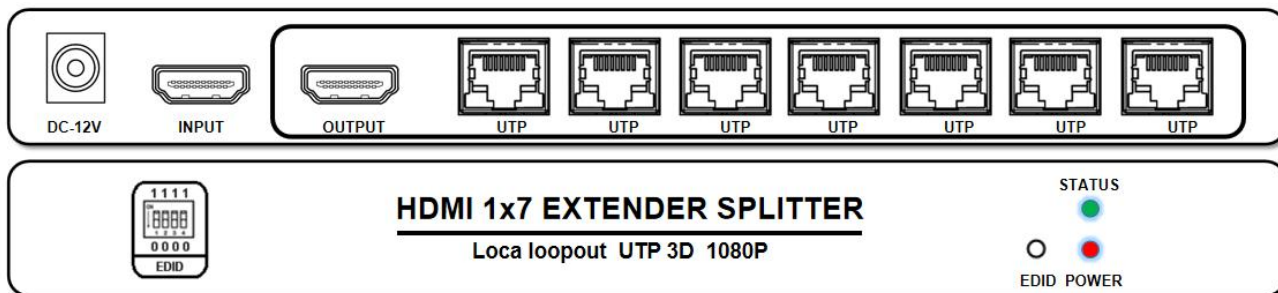- Easy to install, plug and play;

3. Package list

HDMI transmitter	1 pcs
HDMI receiver	7 pcs
Power adapter	1 pcs
User manual + Warranty Card	1 pcs
Foot Pad	6 pcs

4.Specifications

Parameter		Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz
	Connector	HDMI-A
	Impedance	100Ω
Ethernet	Interface	RJ45
	Transmission distance	CAT6---50m
Other	Power supply	The power adapter: DC 12V/2A
	Power dissipation	MAX 12W
	Temperature	Operating: -5℃ ～ +70℃
	Humidity	Operating: 5%～90%
	Dimension	TX:257*87*25mm/RX:81*45*23
	The warranty	1 year free warranty

5.Panel

**Transmitter**

Receiver
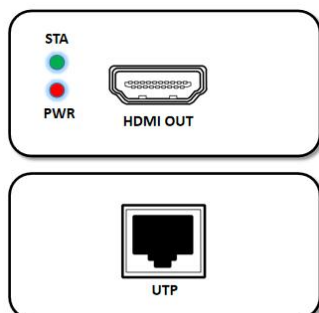
Port name	Description
IN PUT/ OUTPUT/HDMI OUT	HDMI signal input/ output
UTP	RJ45 port connect cat6
EDID	①.Plug the power supply into the "DC 12V" port of the transmitter. ②. Use a HDMI cable connect the monitor to the transmitter. ③. Long press the EDID button(On the transmitter) until the STA light flashes, and then the flashing stops. Completed copy EDID.
DC 12V	Power adapter socket
LED indicator	**Description**
STATUS/ STA	Video signal indicator
POWER/ PWR	System power indicator

EDID DIP switch	
0000	Press the EDID key to learn the monitor EDID connected to the HDMI IN interface.
0001	Open the system with auto EDID management (1080P,2CH AUDIO)
0010	Open the system with auto EDID management (1080P,DOLBY/DTS5.1)
0011	Open the system with auto EDID management (1080P,HD AUDIO)
0100	Open the system with auto EDID management (1080i,2CH AUDIO)
0101	Open the system with auto EDID management (1080i,DOLBY/DTS5.1)
0110	Open the system with auto EDID management (1080i,HD AUDIO)
0111	Open the system with auto EDID management (3D,1080P,2CH AUDIO)
1000	Open the system with auto EDID management (3D,1080P,DOLBY/DTS5.1)
1001	Open the system with auto EDID management (3D,1080P,HD AUDIO)
1010	Reserve
1011	Reserve
1100	Reserve
1101	Open the system with auto EDID management (1080P,2CH AUDIO)
1110	Open the system with auto EDID management (1080P,2CH AUDIO)
1111	Contrasting HDMI OUTPUT, Automatic matching EDID

6.Installation

1、 Connect the provided DC 12V power supplies to the power socket of the transmitter and the receiver,
2、 Connect an HDMI cable between the HDMI input port of transmitter and the HDMI output port of the video source,
3、 Connect the HDMI output port of receiver to the display device with HDMI cable,
4、 Connect the transmitter RJ45 port to the receiver RJ45 port by a single CAT6 cable.

7.Diagram
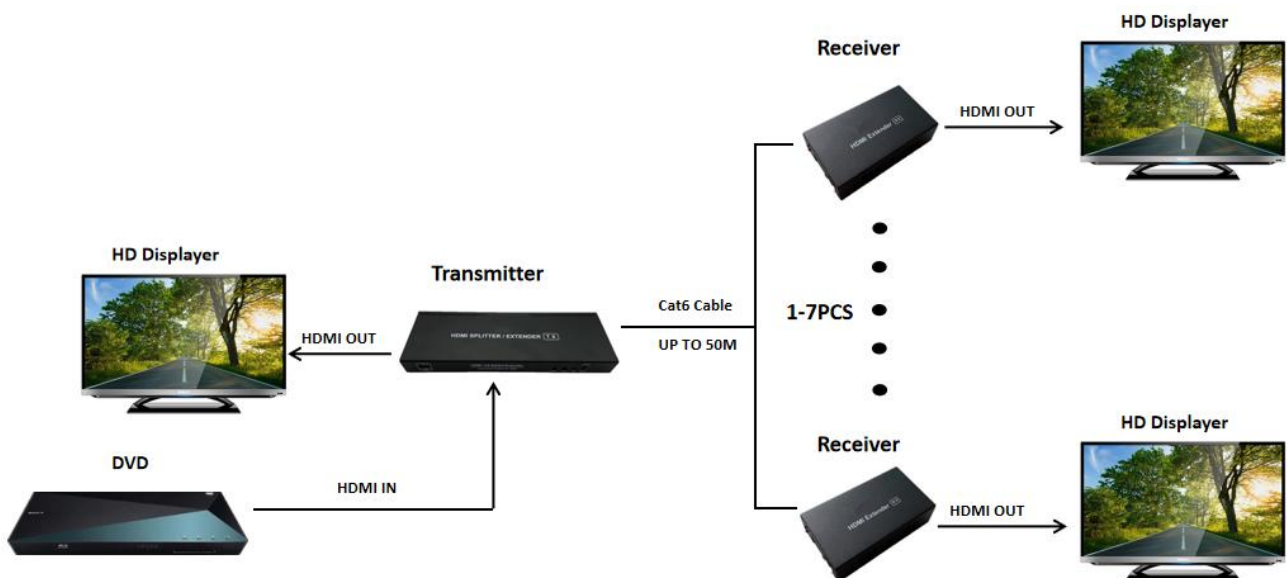
8. Warranty

Please keep the user manual in a place where safety and easy to find so that you can read it immediately when meet problems.
Safety instruction:

● Please do not disassemble this product by yourself because it doesn't including DIY function.

● Please don't make the product touch water in case damaged, because it is Not waterproof design.

● Please use dry cloth material when clean the product surface.

● Please do not use this product in the environment of too wet or too high temperature.

● Please avoid contact with corrosive substances.

● When there is damage or other physical damage to the product, please stop using and contact with customer service to get support.