

4K@60Hz HDMI 2.0 Splitter 1x2

User manual

1. Product introduction

This HDMI splitter can distribute one high-definition video signal to two video display devices. The product comes with EDID management function, which can adapt to various complex application environments and enhance device compatibility. The device has lossless distribution of high-definition video performance, low cost of use, easy installation, and good compatibility, making it a stable and efficient distribution method. It is widely used in high-definition conference systems, high-definition film and television shooting, high-definition teaching systems, high-definition digital advertising, and other audio and video distribution applications.

2. Features

- Small in size, with a lightweight and beautiful design, and strong anti-interference ability;
- The highest resolution of high-definition video signal can reach 4096*2160@60Hz;
- Compliant with HDMI 2.0 and HDCP 2.3 standards;
- Eight EDID management modes can adapt to various complex application environments;
- Supports image scaling, allowing 4K x 2K content to be displayed on 1080P screens;
- Built-in automatic adjustment system ensures smooth, clear, and stable images;
- Built-in ESD electrostatic protection circuit, easy to install and plug-and-play;

3. Product advantages



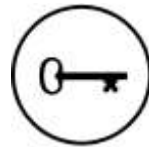
Up to 4K@60Hz



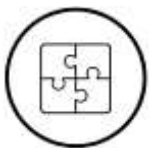
Support 3D format



ESD protection



HDCP 2.3; HDMI2.0 standard



EDID management



Lossless distribution



Smooth playback



Plug and play

4. Packing list

- HDMI splitter x 1
- Power adapter x 1
- User manual x 1

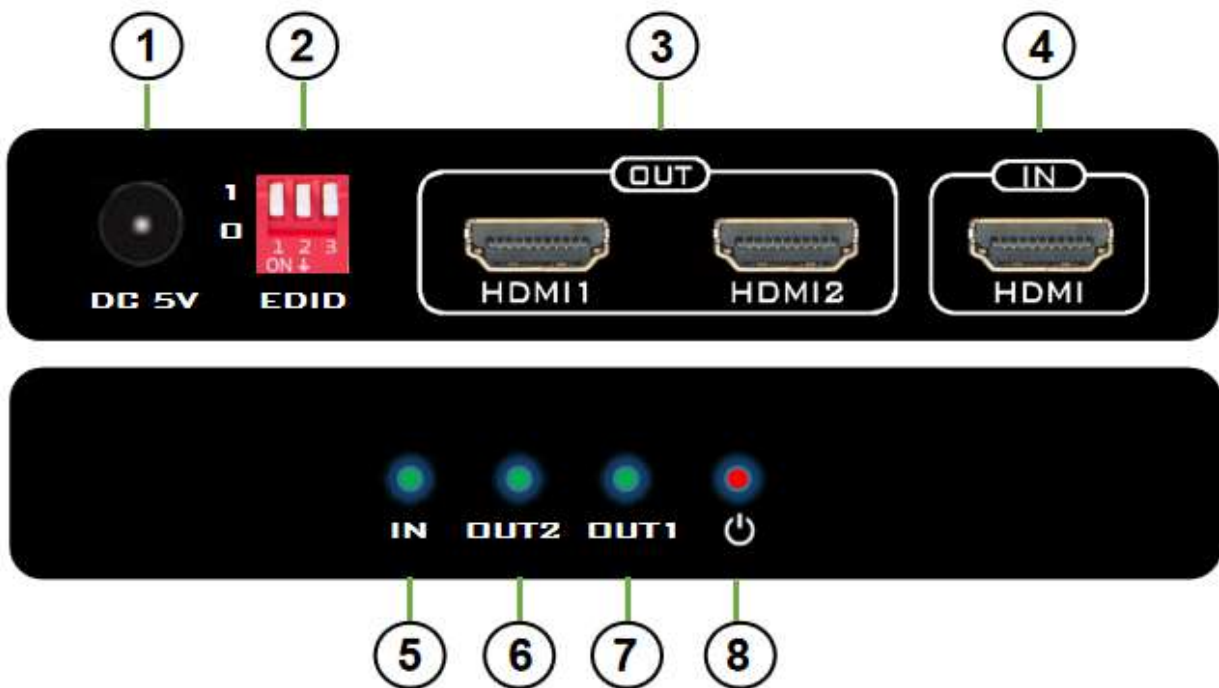
5. Specification

Specification Name	Detailed Parameters
Support Protocol	HDMI 2.0; HDCP 2.3
HDMI pixel bandwidth	600MHz, all digital

Video	Interface bandwidth	Total bandwidth 18Gbps
	Maximum resolution	4096*2160@60Hz (4:4:4) and backward compatible
	Video interface	HDMI-A
	HDMI interface impedance	100Ω
	Recommended HDMI cable length	Less than 5 meters, at 1920X1080@60Hz
Other	Power	Power adapter: DC 5V
	Maximum power consumption	MAX 2W
	Working temperature	-5°C ~ +70°C
	Working humidity	5% ~ 90%
	Product size	108*55*19mm
	Warranty period	1 year free warranty

6. Interface diagram

HDMI splitter interface:



Function Description	
1. DC 5V power	5. Video signal input indicator
2. EDID DIP	6. Video signal output 2 indicator
3. HDMI video signal output	7. Video signal output 1 indicator

4. HDMI video signal input	8. Power indicator
EDID dial working mode description	
111	Automatically copy the EDID of the display connected to the OUTPUT1 interface
110	Enable the EDID that comes with the system(4K,4:4:4)
101	Enable the EDID that comes with the system(4K,RUV)
100	Enable the EDID that comes with the system(2K)
011	Enable the EDID that comes with the system(4K,3D)
010	Enable the EDID that comes with the system(4k,1.4)
001	Enable the EDID that comes with the system(4K,RGB)
000	Enable the EDID that comes with the system(1080P)

7. Installation steps

1. Connect the HDMI signal source to the HDMI IN of the HDMI splitter
2. Connect display devices (such as high-definition TVs, splicing screens, etc.) to HDMI OUT1, HDMI OUT2,
3. Connect the HDMI splitter to the power supply, when the indicator lights up normally, the system runs normally.

8. Application Diagram

