



USER MANUAL

1X2 HDMI 2.0 splitter 4K

(HDMI 2.0, HDCP2.2, 4K, IR extension, EDID management, RS232)

JHS16/1X2/V2

Enjoy the vivid world !

INTRODUCTION

The 1x2 HDMI Splitter uses a single HDMI source, accessing to multiple HDMI sinks. It allows one HDMI device to be split easily to 2 HDMI compatible monitors or projectors. In addition, it can be placed at the end of a long HDMI cable to regenerate the HDMI signal. The resolution of this hdmi splitter can be up to 3840X2160/60Hz.

This product can support EDID management function, comes with eight kinds of EDID mode, the users can choose according to their own needs. In addition, it is with built-in IR extension function, it can work with our hdmi 2.0 repeater which has IR-RX to receive the IR command to control the source.



FEATURES

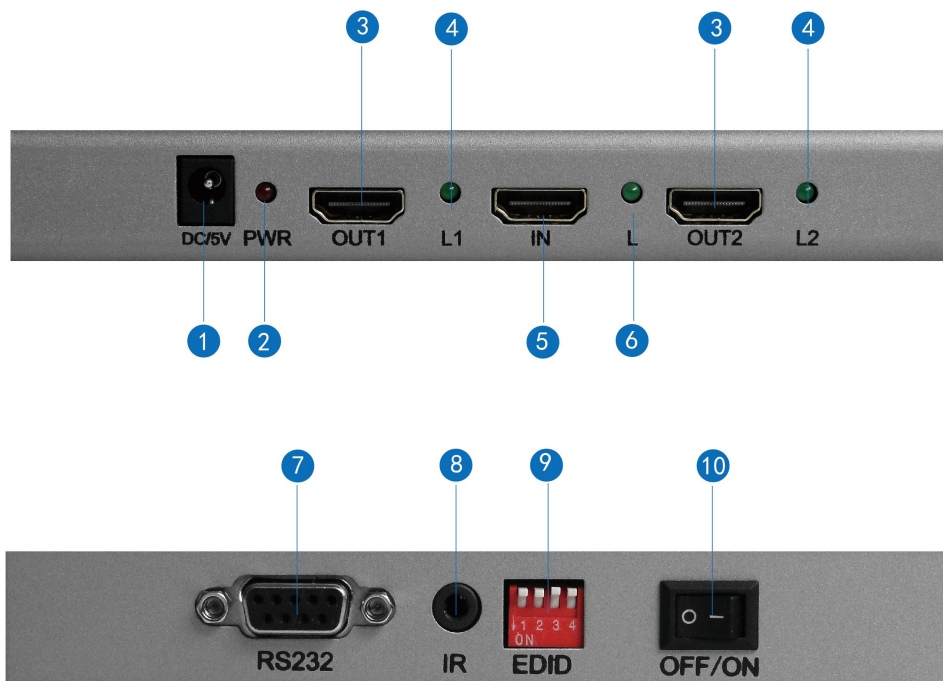
- Support HDMI 2.0 ,HDCP2.2
- Support 3D video format
- Support high resolution up to 3840X2160/60HZ
- Support the max baud rate of 6G and TMDS clock can be up to 600 MHz
- Support 8/10/12 bit deep color
- Support AWG26 HDMI standard cable:
when the resolution is 1080p and below, input up to 8 meters,output to 8 meters.
when the resolution is 4K, input up to 8 meters, output up to 8 meters.
- Support single HDMI source , accessing to multiple HDMI sinks, the source can be DVD player, A/V receiver, set top box and etc.
- Built-in IR extension function.(it can work with our hdmi 2.0 repeater which has IR-RX to receive the IR command to remote control the source)
- Support serial port online upgrade
- Support EDID management
- 5V/2A power adapter

Specifications:

HDMI version	HDMI 2.0
HDCP version	HDCP 2.2
HDMI resolution	up to 3840*2160/60Hz
Support video format	8/10/12bit Deep color
Support audio format.....	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Max bandwidth.....	600MHz
Max baud rate.....	6Gbps
Input cable distance.....	(1080p resolution) ≤8m,(4K resolution)≤8m
AWG26 HDMI standard cable	
Output cable distance.....	(1080p resolution) ≤8m,(4K resolution)≤8m
AWG26 HDMI standard cable	
Max working current.....	1 A

Power adapter format.....input AC (50Hz, 60Hz) 100V-240V; output: DC5V/2A
 Operating Temperature range.....(-15 to +55°C)
 Dimension (L x W x H).....154x60x24 (mm)
 Weight.....335g

Product interface pictures



- ①: 5V Power Interface
- ②: Power adapter indicator
- ③: HDMI output port
- ④: LED Output indicator
- ⑤: HDMI input port
- ⑥: LED Input Indicator
- ⑦: RS232 port ,serial port online upgrade
- ⑧: IR TX Extension Interface
- ⑨: DIP switch, using for EDID management
- ⑩: Power switch

DIP EDID Switch Description:

DIP 1 2 3 4
 X 0 0 0 : copy output1 EDID only
 X 0 0 1 : EDID MIX

X 0 1 0 : EDID Download (RS232)
 X 0 1 1 : 4K X 2K 30Hz
 X 1 0 0 : 4K X 2K 60Hz
 X 1 0 1 : 1080P 3D 2ch
 X 1 1 0 : 1080P 2D 2ch
 X 1 1 1 : 1080P 2D 5.1ch

1 is used for upgrades, 1 is upgrading mode, 0 is normal working mode (switch down is 1, otherwise is 0)

Working Mode Description:

There are two working mode for product, normal working mode and upgrading mode, which is decided by DIP EDID switch 1, 1 is upgrading mode, 0 is normal working mode.

IR Extension description:

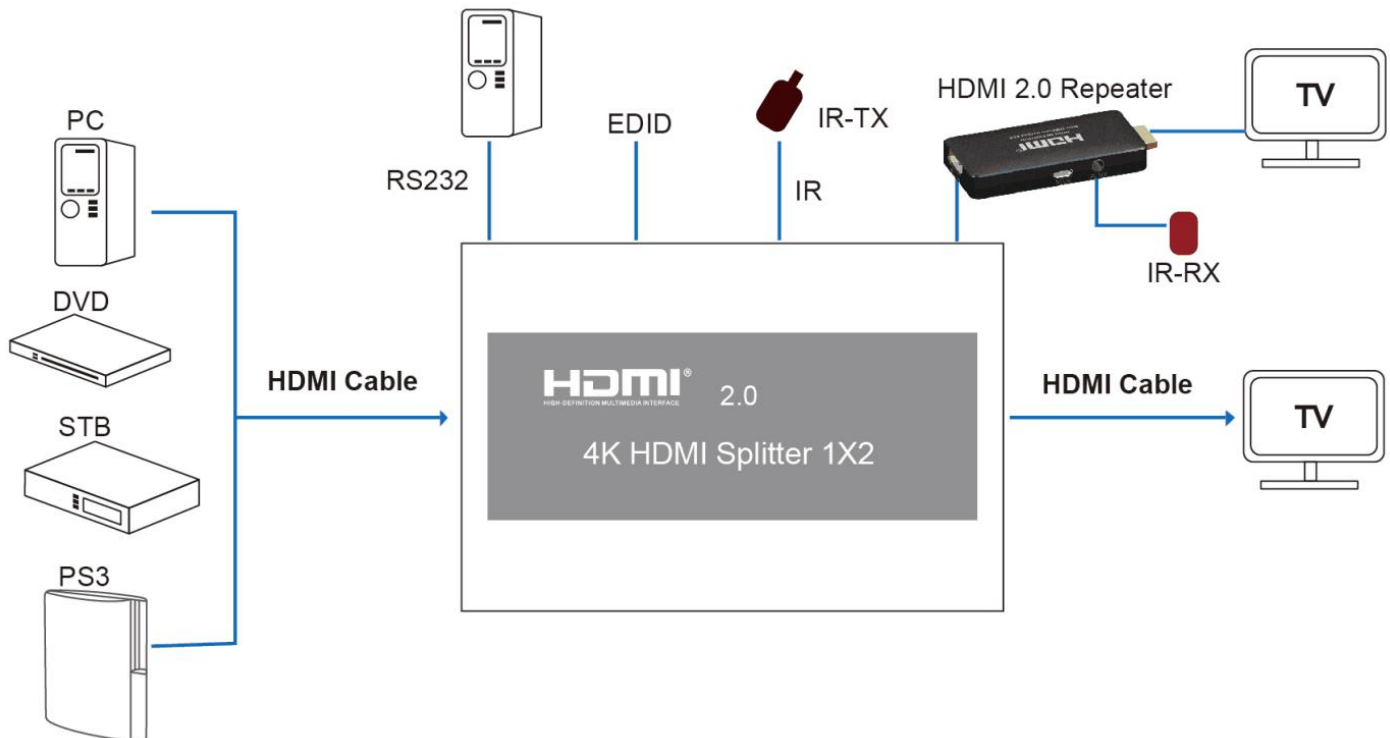
There is an IR TX Extension port, it can work with an optional HDMI 2.0 repeater which works as IR-RX and IR extended via HDMI cable

Output port:

Only output1 can support CEC function, output 2 support IR extension function.

Connection and Operation:

- 1: connect the HD source to the splitter input with one hdmi cable
- 2: connect the splitter output to the diaplays with 2 hdmi cables
- 3: connect 5V/2A power adapter to the splitter



Package include :

1. HDMI splitter x1pc
2. Power adapter x1pc
3. User manual x1pc