



USER MANUAL

1X4 HDMI 2.0 splitter 4K

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

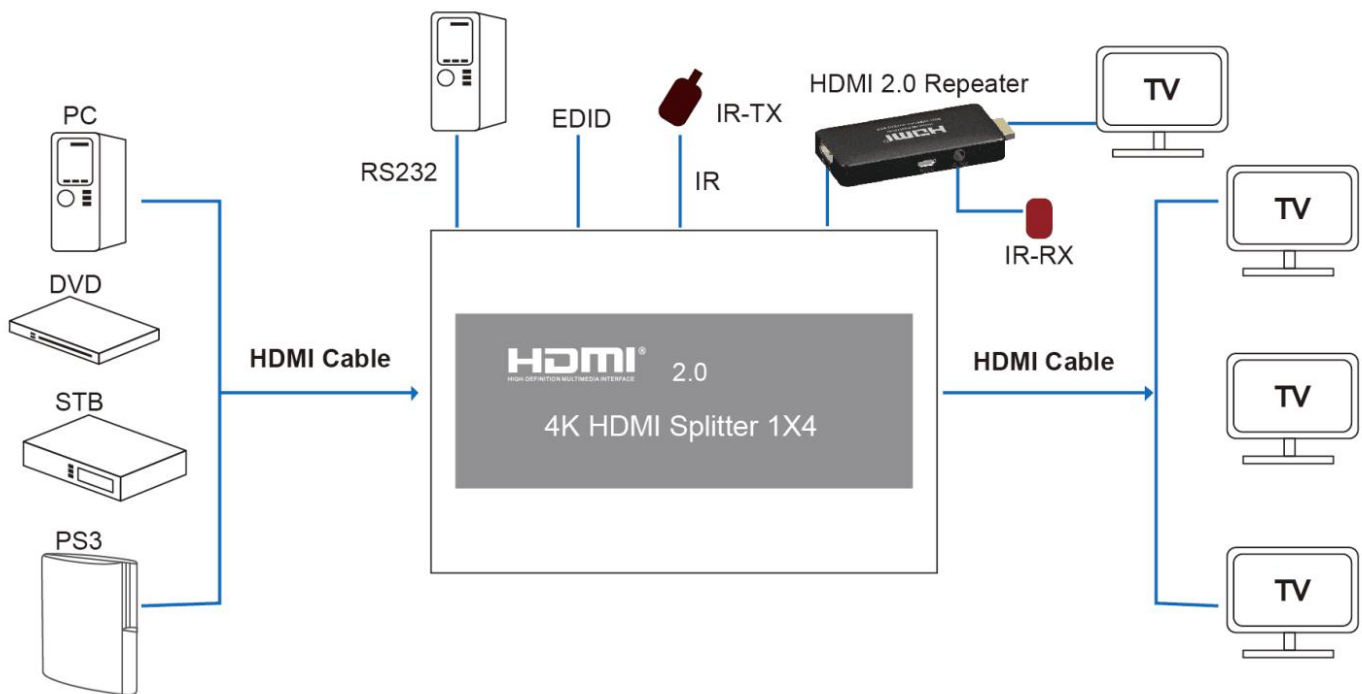
JHS17/1X4 V2

Enjoy the vivid world !

INTRODUCTION

This 1x4 HDMI Splitter uses a single HDMI source, accessing to multiple HDMI sinks. It allows one HDMI device to be split easily to 4 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, this product 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

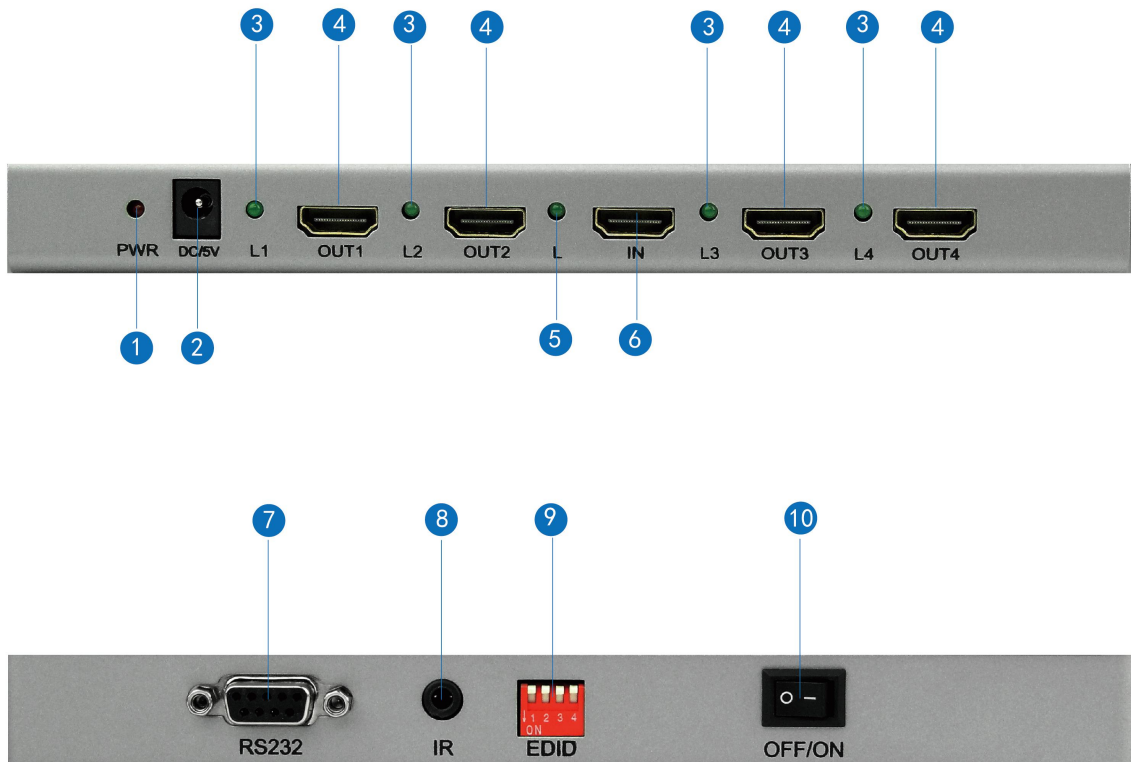
Specifications:

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.....	1.4 A
Power adapter format.....	input AC (50Hz, 60Hz) 100V-240V; output: DC5V/2A
Operating Temperature range.....	(-15 to +55℃)
Dimension (L x W x H).....	220x75x24 (mm)
Weight.....	530g

Product photos



Product interface pictures



- ①: Power adapter indicator
- ②: 5V Power Interface
- ③: LED Output indicator
- ④: HDMI output
- ⑤: LED Input Indicator
- ⑥: HDMI input port
- 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 be used 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 2~4 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 4 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
- 4. IR cable x1pair