



USER MANUAL

8K HDMI Splitter 1x8

Enjoy the vivid world

Introduction:

The 1x8 HDMI Splitter uses a single HDMI source,accessing to multiple HDMI sinks. It allows one HDMI device to be split easily to 8 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 8K/60Hz.

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



Features:

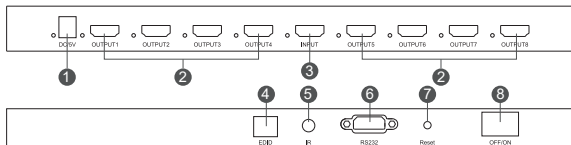
- * Support HDR;
- * Support 3D video format;
- * Support CEC (only output1);
- * Support high resolution up to 8K/60Hz;
- * Remote control the source (via the IR-RX of HDMI repeater which splitter works with to receive the IR command);
- * Support EDID management;
- * Support output downscaling.

Specifications:

HDMI resolution	up to 8K/60Hz
Support video format	8/10/12bit Deep color

Support audio format DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
 Max baud rate 40Gbps
 Input cable distance (8K resolution)≤5m HDMI2.1 standard cable
 Output cable distance (8K resolution)≤5m HDMI2.1 standard cable
 Max working current 2.2 A
 Power adapter format input AC (50Hz, 60Hz) 100V-240V; output: DC5V/3A
 Operating temperature range (-15℃ to +55℃)
 Dimension (L x W x H) 310x90x24 (mm)
 Weight 864g

Product interface pictures :



- 1.DC/5V --- 5V Power Interface;
- 2.OUTPUT1-8 --- HDMI OUT1-8;
- 3.INPUT --- HDMI IN;
- 4.EDID --- DIP switch, using for EDID management;
- 5.IR --- IR TX Extension Interface;
- 6.RS232 --- RS232 port;
- 7.Reset --- Reset button;
- 8.OFF/ON --- Power switch;

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 2~8 support IR extension function)

DIP EDID Switch Description:

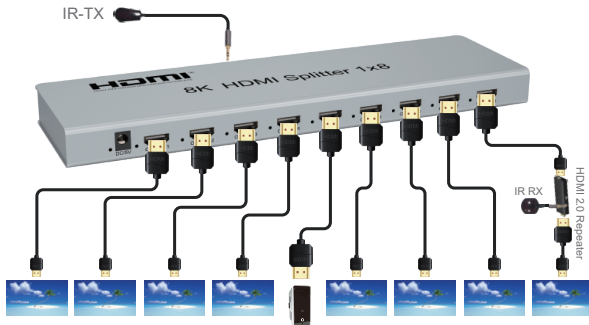
1	2	3	4	Functional description
X	0	0	0	Copy output1 EDID only
X	0	0	1	Downward compatibility(1-8) outputs
X	0	1	0	4K/60Hz 2ch
X	0	1	1	1080p 3D 2ch

1	2	3	4	Functional description
X	1	0	0	8K/60Hz 5.1ch
X	1	0	1	4K/30Hz 2ch
X	1	1	0	1080p 2D 2ch
X	1	1	1	1080p 2D 5.1ch

which is decided by DIP EDID switch 1,

1 is upgrading mode, 0 is normal working mode. (switch down is 1, otherwise is 0)

Application diagram:



The output ports (1-2-3) (4-5) (6-7-8) are divided into three groups, each of which can output images in two different resolutions.

Priority: 8K,1080P,4K.

For example:

a group of 8K,4K,1080P three monitors inserted, the output is 8K,1080P,1080P.

Insert 4K,4K,1080P three monitors, all output 1080P.

Connection and Operation:

- 1: connect the HD source to the splitter input with one hdmi cable
- 2: connect the splitter output to the diplayas with 8 hdmi cables
- 3: connect 5V/3A power adapter to the splitter
4. Reset button: it's a reset key for system reset.

Package include :

- | | | |
|------------------|-----|-----------------------------|
| 1. HDMI splitter | 1PC | 4. IR cable (optional) |
| 2. Power adapter | 1PC | 5. HDMI repeater (optional) |
| 3. User manual | 1PC | |