



# USER MANUAL

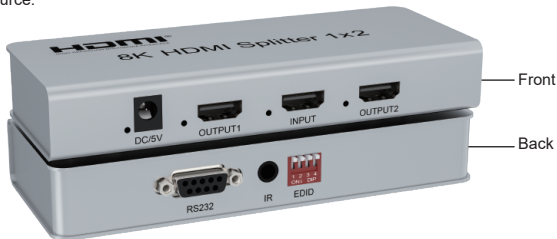
---

## 8K 1X2 HDMI splitter

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 7680X4320/60Hz. 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 HDR;
- \* Support 3D video format;
- \* Support CEC (only output1);
- \* Support high resolution up to 7680X4320/60Hz;
- \* Support the max baud rate of 40Gbps;
- \* Support 8/10/12 bit deep color;
- \* 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 EDID management;
- \* Support IR-TX (only output2)

## Specifications

HDMI resolution .....	up to 7680*4320/60Hz
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/60Hz resolution)≤5m HDMI 2.1 standard cable
Output cable distance .....	(8K/60Hz resolution)≤5m HDMI 2.1 standard cable
Max working current .....	0.7A
Power adapter format .....	input AC (50Hz, 60Hz) 100V-240V; output: DC5V/2A
Operating Temperature range .....	(-15℃ to +55℃)
Dimension (L x W x H) .....	154x60x24 (mm)
Weight .....	335g

## Application diagrams



Audio-visual conference

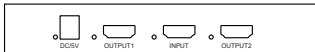


TV market



Home theater

## Physical interface diagram



Interface	Functional description
RS232	RS232 port ,serial port online upgrade
IR	IR TX Extension Interface
EDID	DIP switch, using for EDID management
DC/5V	5V Power Interface
OUTPUT1-2	HDMI output port 1-2
INPUT	HDMI input port

## IR Extension description

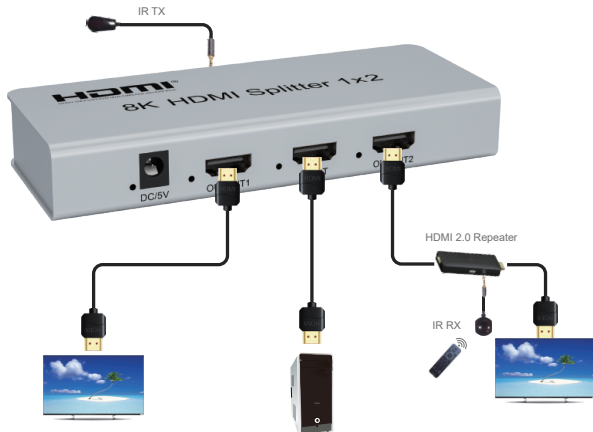
There is an IR TX Extension port, it can work with an optional HDMI 2.0 repeater which works as IR-RX and IR extended via HDMI cable.

## DIP EDID Switch Description

1	2	3	4	
X	0	0	0	copy output1 EDID only
X	0	0	1	Downward compatibility(1-2) outputs
X	0	1	0	4K/60Hz 2ch
X	0	1	1	1080p 3D 2ch
X	1	0	0	8K/60Hz 7.1ch
X	1	0	1	4K/30Hz 2ch
X	1	1	0	1080p 2D 2ch
X	1	1	1	1080p 2D 7.1ch

DIP1 is used for upgrades, 1 is upgrading mode, 0 is normal working mode (switch down is 1, otherwise is 0)

## Connection diagrams



## Connection and operation

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

## The package includes

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