HDMI SPLITTER
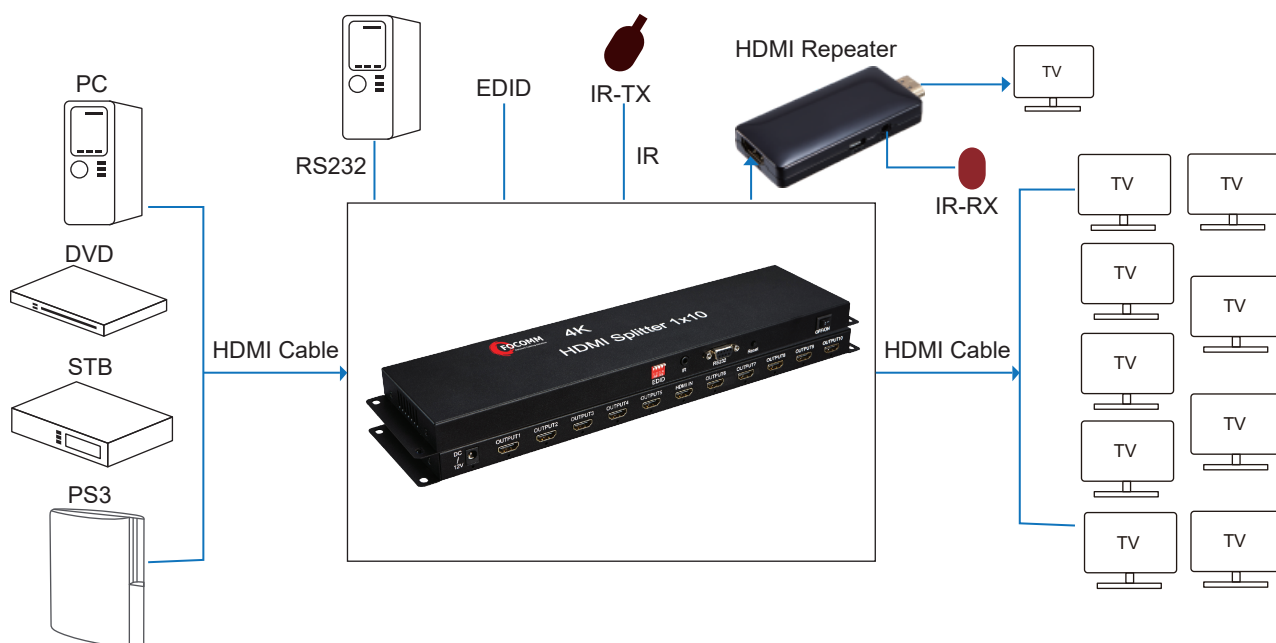
4K@30hz HDMI Splitter 1x10

FOCOMM

OVERVIEW

The 1x10 HDMI Splitter uses a single HDMI source,accessing to ten HDMI sinks.It allows one HDMI device to be split easily to ten 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 3840x2160/30Hz. This splitter supports EDID management function, comes with ten kinds of EDID mode, the users can choose according to their own needs. In addition, this product is also built-in IR extension function, can work with our HDMI repeater which has IR-RX receiving the IR command to control the source.

FEATURE

- Support HDCP 1.4

- Support 3D video format

- Support CEC (only output1)

- Support high resolution up to 3840x2160/30Hz

- Support one 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 (via the IR-RX of HDMI repeater to control the HDMI sources)

- Support serial port online upgrade

- Support EDID management.

APPLICATIONS

ISO 9001 RoHS Compliant CE FC

SPECIFICATIONS

HDCP version	HDCP 1.4
HDMI resolution	up to 3840x2160/30Hz
Support video format	8/10/12bit Deep color
Support audio format	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Max bandwidth	340MHz
Max baud rate	3.4Gbps
Input cable distance	≦5m AWG26 HDMI standard cable
Output cable distance	≦10m AWG26 HDMI standard cable
Max working current	0.4 A
Power adapter format	input AC (50Hz, 60Hz) 100V-240V; output: DC12V/1A
Operating Temperature range	(-15°C to +55°C)
Dimension (L x W x H)	375x89x22(mm)
Weight	780g

DIP EDID SWITCH DESCRIPTION

DIP	1	2	3	4	
	X	0	0	0	: copy EDID only from output 1
	X	0	0	1	: compatible with minimum resolution of the TV display
	X	0	1	0	: 4Kx2K (YUV420)
	X	0	1	1	: 4K 30Hz 5.1ch
	X	1	0	0	: 4K 30Hz 2 ch
	X	1	0	1	: 1080P 3D 2 ch
	X	1	1	0	: 1080P 2D 2 ch
	X	1	1	1	: 1080P 2D 5.1ch

1 is used for upgrades, 1 is upgrading mode, 0 is normal operation mode

WORKING MODE DESCRIPTION

There are two working modes for product, normal operating mode and upgrade mode, which is decided by DIP EDID switch 1,

1 is upgrade mode, 0 is normal operating mode.

IR EXTENSION DESCRIPTION

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

CONNECTION AND OPERATION

- connect the HD source to the splitter input with one HDMI cable

- connect the splitter output to the displays with 10 HDMI cables

- connect 12V/1A power adapter to the splitter

- Reset button: it's a Reset key for system Reset

ORDER INFOMATION

PRODUCT	PART NUMBER
4K@30hz HDMI Splitter 1x10	MD-4KHDS-0110