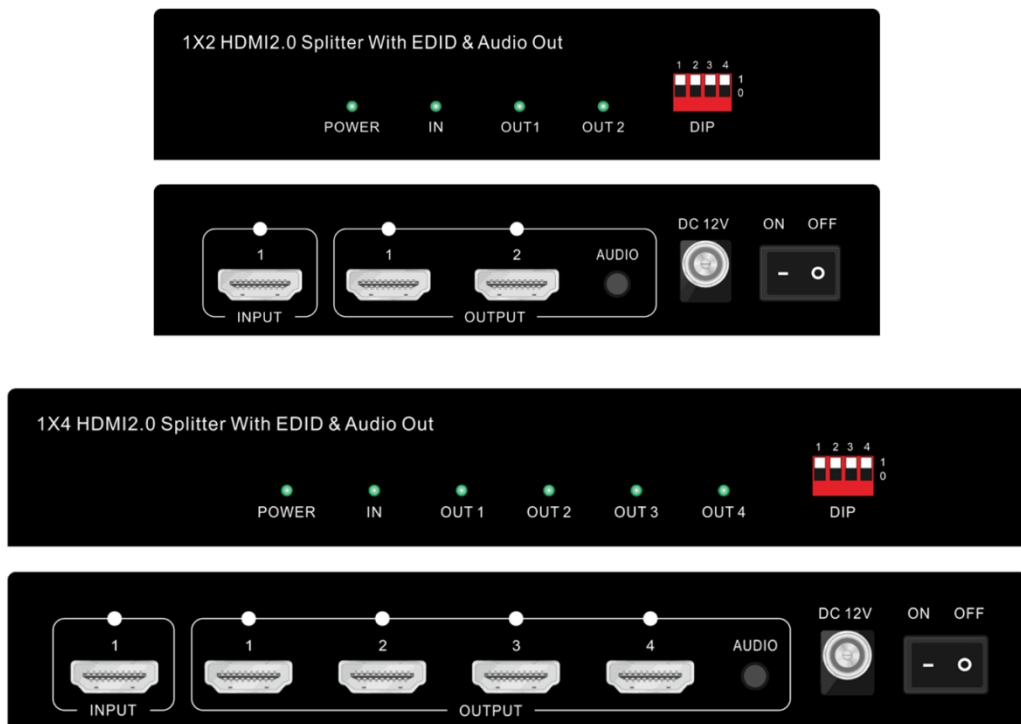


# Splitter Datasheet & User Manual

## 1x2/4 HDMI2.0 4K60 Splitter with Audio&Scaling&EDID management

### Model - HM-SP120E



### Model - HM-SP140E

Version: V2022.001

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## 1. Introduction

This high performance 18Gbps 1x2/4 HDMI2.0 Splitter, it can support 1 HDMI input to 2/4 HDMI outputs simultaneously. The resolution is up to 4K60Hz. It supports EDID management, auto scaling function to fix different display resolutions, also with one 3.5mm audio de-embedded function. The ON/OFF power switch provides conveniences for users to turn it ON/OFF without the power cable plugging and unplugging.

## 2. Features

- HDCP2.2 compliant
- Support video bandwidth 18 Gbps
- Video resolution is up to 4K2K@50/60Hz
- Support 3D, HDR, Dolby Vision function
- EDID management by the DIP switch settings
- Output resolution auto scaling
- Supports 3.5mm audio de-embedded
- No need to install the driver, plug and play

## 3. Specification

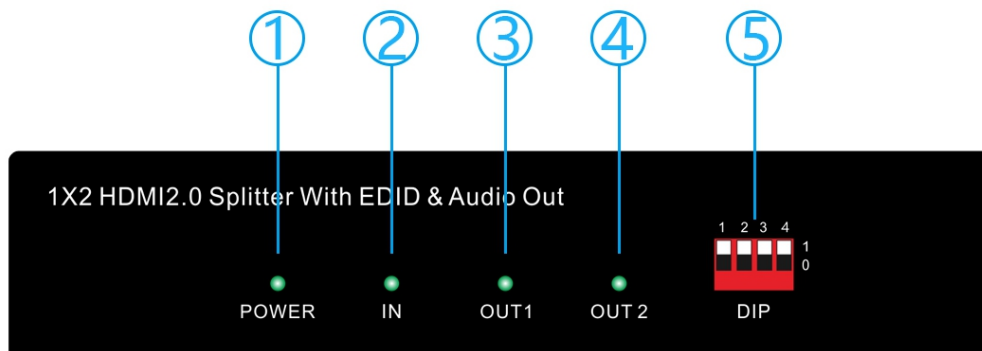
Technical	
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Resolution	4K2K 50/60Hz 4:4:4, 4K2K 30Hz 4:4:4, 1080p, 1080i, 720p, 720i, 480p, 480i All HDMI 3D TV formats All PC resolutions including 1920 x 1200
3D Support	Yes
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX,DTS-96/24, DTS High Res DTS-HD Master Audio, DSD
HDR Formats	HDR10, HDR10+, Dolby Vision
ESD Protection	Human-body Model:
Connection	
Input Ports	1*HDMI Type A [19-pin female]
Output Ports	2/4*HDMI Type A [19-pin female], 1*3.5mm audio
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	140X61X27MM(Packing: 185X184X55MM) for 1x2
Weight	60g
Power Supply	Input: AC 100~240V 50/60Hz
Power Consumption	1W (max)
Operating	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)
Cable Length	For 4K60 (YCbCr 4:2:0)- --32ft / 10M; For 1080P---40ft/ 15m

## 4. Packing

Splitter	1	Pcs
Power adapter	1	Pcs

## 5. Panels

5.1 Front Panel(\*here only takes 1x2 as example, the 1x4 will be the same functions but different indicators)



**1.Power:** Power indicator

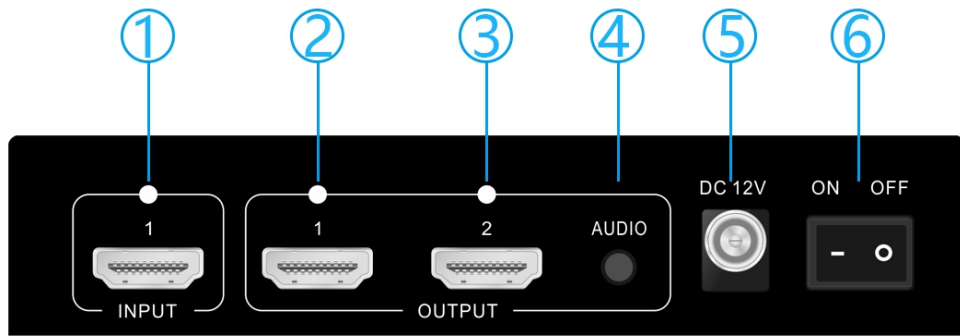
**2.IN:** HDMI input indicator

**3/4.OUT 1/2** HDMI outputs indicators

**5.DIP:** For the EDID management and auto scaling function

EDID Management			Auto scaling	
D1	D2	D3	D4	Functions
0	0	0	0	Pass-through
0	0	1	1	DVI-1920*1080P60
0	1	0		DVI-1920*1200
1	0	0		1920*1080P60
0	1	1		1280x800
1	0	1		1920*1200
1	1	0		4k302.1
1	1	1		4k602.1

5.2 Back Panel(\*here only takes 1x2 as example, the 1x4 will be the same functions but different port numbers)



- 1.INPUT: HDMI input port
- 2/3.OUT 1/2: Two HDMI output ports
- 4.AUDIO: One 3.5MM audio de-embedded
- 5.DC 12V: DC 12V 1A power supply
- 6.ON/OFF: Power switch ON/OFF

**6. Operation diagram**(\*here only takes 1x2 as example)

