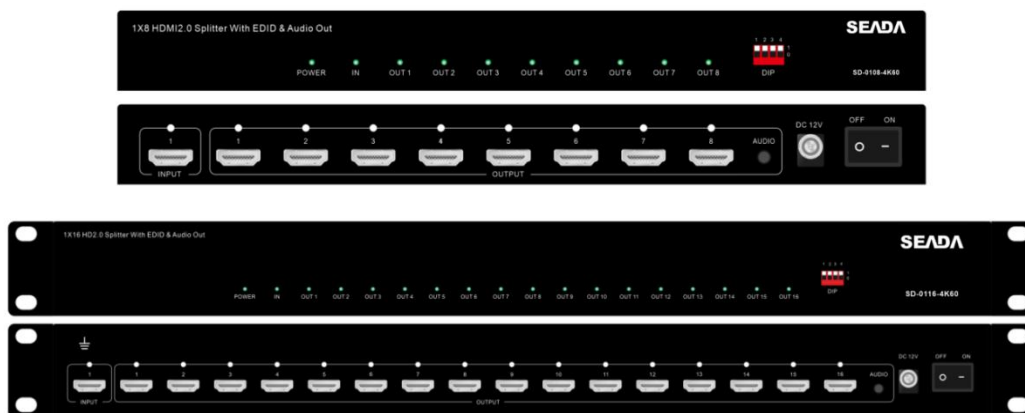


SD-0108-4K60 & SD-0116-4K60
1x8/1x16 HDMI2.0 4K60 Splitter
with Audio & Scaling & EDID management

SEADA

Showing the World



User Manual

Ver 01

Contents

1. Introduction.....	1
2. Features	1
3. Specification	1
4. Package Contents	2
5. Panels.....	2
5.1 Front Panel	2
5.2 Back Panel	3
6. Operation diagram	4

1. Introduction

This high performance 18Gbps 1x8/16 HDMI2.0 Splitter, it can support 1 HDMI input to 8/16 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

- HDCP2.3 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 2.3
Video Bandwidth	18Gbps
Resolution	4K2K 50/60Hz 4:4:4, 4K2K 30Hz 4:4:4, 1080p, 1080i, 720p, 720i, 480p, 480i, 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	8/16*HDMI Type A [19-pin female], 1*3.5mm audio
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions (mm)	293×60.5×27mm for SD-0108-4K60, 440×150×44mm for SD-0116-4K60
Weight	0.48kg (SD-0108-4K60), 2.11kg (SD-0116-4K60)
Power Supply	12V /1.5 A DC
Power Consumption	Up to 5W for SD-0108-4K60 and 11W for SD-0116-4K60
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. Package Contents

Splitter	1	Pcs
Power adapter	1	Pcs
User manual	1	Pcs
Mounting Ear	2	Pcs

5. Panels

5.1 Front Panel(*here only takes 1x16 as example, the 1x8 will be the same functions but different indicators)



A: Power: Power indicator

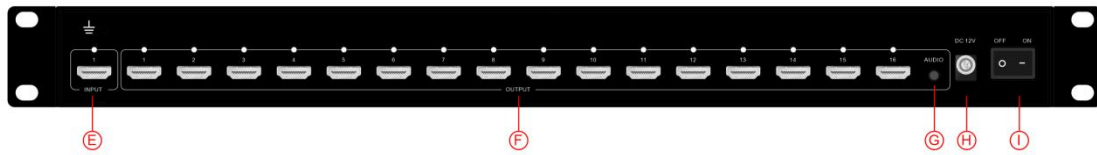
B: IN: HDMI input indicator

C: OUT 1/2/3...16 HDMI outputs indicators

D: DIP: For the EDID management and auto scaling function

DIP 1	DIP 2	DIP 3	EDID Info	DIP 4
0	0	0	Bypass	Reserved for other functions
0	0	1	DVI-1920×1080P60	
0	1	0	DVI-1920×1200	
1	0	0	1920×1080P60	
0	1	1	1280×800	
1	0	1	1920×1200	
1	1	0	4K30 2.1	
1	1	1	4K60 2.1	

5.2 Back Panel(*here only takes 1x16 as example, the 1x8 will be the same functions but different port numbers)



E: INPUT: HDMI input port

F: OUT 1/2/3.../16: HDMI output ports

G: AUDIO: One 3.5MM audio de-embedded

F: DC 12V: DC 12V 1A power supply

I: ON/OFF: Power switch ON/OFF

6. Operation diagram(*here only takes 1x16 as example)

