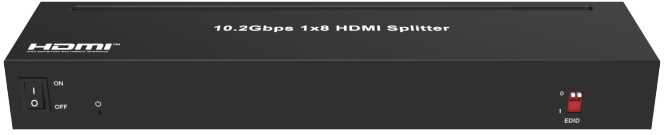
NEXIS

Model : HSP108EB

10.2Gbps 1×8 HDMI Splitter with EDID Management



User Manual

VER 1.1

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electr-ical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

1. Introduction..... 1
2. Features..... 1
3. Package Contents..... 1
4. Specifications..... 2
5. Operation Controls and Functions..... 3
    5.1. Front Panel..... 3
    5.2. Rear Panel..... 4
6. Application Example..... 5

1. Introduction

This high performance 10.2Gbps 1×8 HDMI Splitter can split one HDMI input to eight HDMI outputs simultaneously. Supported input/output video resolution is up to 4K×2K@50/60Hz YCbCr 4:2:0. HDR and Dolby Vision function are available. In addition, this splitter supports four modes EDID setting.

2. Features

- ☆ HDCP1.4 compliant
- ☆ Support video bandwidth 10.2 Gbps
- ☆ Video resolution is up to 4K×2K@50/60Hz YCbCr 4:2:0
- ☆ Support 3D, HDR, Dolby Vision function
- ☆ EDID can be selected with four modes by dial switch on panel, including 1080P@60Hz-2ch, 4K@30Hz-2ch, copy HDMI OUT 1 and compare all outputs.
- ☆ No need to install the driver, plug and play

3. Package Contents

① 1×10.2Gbps 1×8 HDMI Splitter
② 1×DC 12V/1A Power Adapter
③ 1×User Manual

4. Specifications

Technical	
HDCP Compliance	HDCP 1.4
Video Bandwidth	10.2Gbps
Video Resolution	4K2K 50/60Hz 4:2:0 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: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Connection	
Input Ports	1×HDMI Type A [19-pin female]
Output Ports	8×HDMI Type A [19-pin female]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	251mm(W)×60mm(D)×30mm(H)
Weight	350g
Power Supply	Input: AC100~240V 50/60Hz Output: DC 12V/1A

Power Consumption	3.36W (max)	
Operating Temperature	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)	
Resolution / Cable Length	**4K60 (YCbCr 4:2:0) - Feet / Meters**	**1080P60 - Feet / Meters**
HDMI IN / OUT	32ft / 10M	50ft / 15M
The use of “Premium High Speed HDMI” cable is highly recommended.		

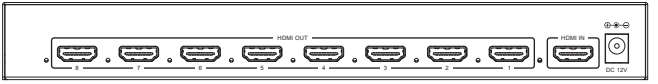
5. Operation Controls and Functions

5.1 Front Panel



Name	Function Description
Power Switch	Turn on / off power supply for the Splitter.
Power LED	When the Splitter is connected to power supply and the power switch is turned on, red LED illuminates.
EDID	0 means OFF, 1 means ON. 00: All HDMI OUT ports output default 1080P@60Hz-2ch. 01: All HDMI OUT ports output default 4K@30Hz-2ch. 10: Copy HDMI OUT 1 port EDID setting to all outputs. If no HDMI OUT 1 capable EDID is detected then the unit will output default 1080P@60Hz-2ch. 11: Compare all HDMI OUT ports EDID then outputs the best EDID to all output ports.

5.2 Rear Panel



Name	Function Description
HDMI OUT 1~8 LED	Green LED indicates that the HDMI OUT ports are connected to active display devices.
HDMI OUT 1~8	HDMI outputs for display 1 to 8.
HDMI IN LED	Green LED indicates that the HDMI IN port is connected to an active source device.
HDMI IN	HDMI source input.
DC 12V	DC 12V input for 12V 1A power adapter.

6. Application Example

