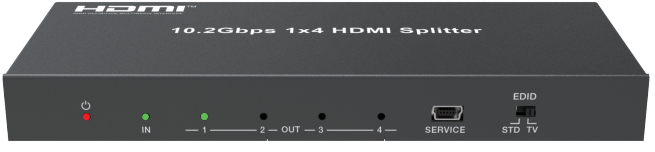
NEXIS

10.2Gbps 1×4 HDMI Splitter with EDID Management

HSP104E



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 electrical 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.

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1. Introduction

This high performance 10.2Gbps 1×4 HDMI Splitter can split one HDMI input to four 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 STD and TV 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 STD and TV modes by the switch on panel
STD: Output default 1080P@60Hz-2ch
TV: 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.
☆ No need to install the driver, plug and play

3. Package Contents

① 1×10.2Gbps 1×4 HDMI Splitter
② 1×DC 5V/1A Power Adapter
③ 1×User Manual

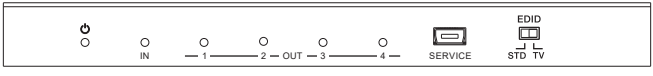
4. Specifications

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] 1×SERVICE port [5-pin, Mini USB-B]
Output Ports	4×HDMI Type A [19-pin female]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	163mm(W)×63mm(D)×16mm(H)
Weight	260g
Power Supply	Input: AC 100~240V 50/60Hz Output: DC 5V/1A

Power Consumption	1W (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.		

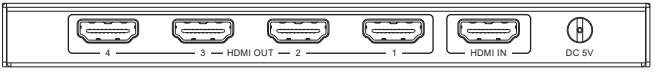
5. Operation Controls and Functions

5.1 Front Panel



Name	Function Description
Power LED	Red LED indicates that the device is powered on.
IN LED	Green LED indicates that HDMI IN port is connected to an active source device.
OUT 1/2/3/4 LED	Green LED indicates that HDMI OUT ports are connected to active display devices.
SERVICE port	Firmware update port.
EDID STD	All HDMI OUT ports output default 1080P@60Hz-2ch.
EDID TV	Copy HDMI OUT 1 port EDID setting to all outputs. If no HDMI OUT 1 capable EDID is detected then the device will output default 1080P@60Hz-2ch.

5.2 Rear Panel



Name	Function Description
HDMI OUT 1/2/3/4	HDMI outputs for display 1 to 4.
HDMI IN	HDMI source input.
DC 5V	DC 5V input for 5V 1A power adapter.

6. Application Example

