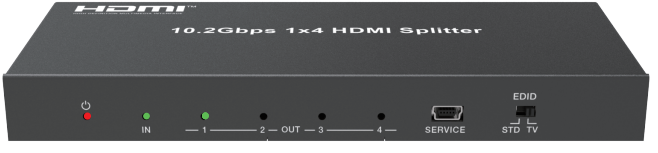
NEXIS

10.2Gbps 1×4 HDMI Splitter with EDID Management

HSP104E



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. 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.		

4. Application Example

