

NEXIS

Model : HSP102A

18Gbps HDMI 1x2 Splitter with Video Scaler/Audio Extract



1. Introduction

The 18Gbps HDMI 1×2 Splitter can distribute 1 HDMI source signal to 2 HDMI display devices. It supports resolution up to 4K2K@50/60Hz (4:4:4). This product supports audio extract from HDMI source to optical and analog output. Two EDID modes (COPY/AUTO) can be selected. All output ports support signal bypass and video downscaler(4K->1080P) function.

2. Features

- ☆ HDMI 2.0b, HDCP2.2/HDCP1.4 compliant
- ☆ Support 18Gbps video bandwidth
- ☆ Support video resolution up to 4K2K@50/60Hz (4:4:4)
- ☆ Support digital and analog audio extract output from HDMI source
- ☆ Output ports support signal bypass and 4K->1080P downscaler function via the dial switch on panel
- ☆ EDID can be selected COPY and AUTO modes via the dial switch on panel
- ☆ Support HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX,DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- ☆ Firmware upgradable

3. Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18Gbps
Video Resolution	720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8-bit (4K60Hz), 12-bit (1080P)
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
L/R Audio Formats	PCM 2.0
Optical Audio Formats	LPCM [2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) , ±4kV (Contact discharge)
Connection	
Input ports	1×HDMI Type A [19-pin female]
Output ports	2×HDMI Type A [19-pin female] 1×L/R Audio out [3.5mm Stereo Mini-jack] 1×Optical out [S/PDIF]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	120mm(W)×62.5mm(D)×14mm(H)
Weight	166g
Power Supply	Input: AC100~240V 50/60Hz Output: DC5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	2.8W
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)

4. Application Example

