

10.2Gbps 1x8 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 electrical spikes, surges, electric shock, lightning 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 1x8 HDMI Splitter can split one HDMI input to eight HDMI outputs simultaneously. Supported input/output video resolution is up to 4Kx2K@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.....10.2Gbps 1x8 HDMI Splitter
- 1.....DC 12V/1A Power Adapter
- 1.....User Manual

4. Specifications

| Technical | |
|--------------------|---|
| HDCP | 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)x60mm(D)x30mm(H) |
| Weight | 350g |
| Power Supply | Input: AC100~240V 50/60Hz Output: DC 12V/1A |

| | | |
|---|-----------------------------------|-------------------------|
| Power | 3.36W (max) | |
| Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F | |
| Storage | -20°C ~ 60°C / -4°F ~ 140°F | |
| Relative | 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 | <p>0 means OFF, 1 means ON.</p> <p>00: All HDMI OUT ports output default 1080P@60Hz-2ch.</p> <p>01: All HDMI OUT ports output default 4K@30Hz-2ch.</p> <p>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.</p> <p>11: Compare all HDMI OUT ports EDID then outputs the best EDID to all output ports.</p> |

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

