

OREI HDS-108

4K HDMI Splitter 1 x 8 w /EDID

User manual

www.orei.com

Thank you for purchasing HDS-108. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

I. Introduction

1x 8 HDMI splitter distributes 1 HDMI source to 8 HDMI displays simultaneously. It offers HD video solution for super market, shopping Mall, HDTV /STB /DVD /Projector /DVR factory, data control center, information distribution, conference room presentation, education and training, corporation showroom, luxurious house, etc..

II. Features

- 1 HDMI input signal split to 8 HDMI sink devices.
- HDCP 1.4 protocol compliant.
- 3D HDMI 1.4a video format support.
- 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.

- Support display resolutions up to 4K x 2K @30Hz, 1080P @120Hz, and 1080P 3D @60Hz.
- Support deep color 30bit, 36bit, 48bit per pixel.
- Digital audio format, as DTS-HD /Dolby-true-HD /LPCM 7.1 /DTS /Dolby-AC3 /DSD.

III. Package

- HDMI Splitter ----- 1PCS
- 5V2A DC Power Supply adapter ----- 1PCS
- Operation Manual ----- 1PCS

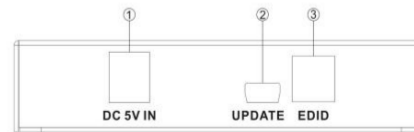
IV. Specifications

- Frequency Bandwidth 2.97Gbps
- HDMI Splitter Input Ports 1 x HDMI Female input port
- HDMI Splitter Output Ports 8 x HDMI Female output ports
- Power Supply DC 5V 2A
- ESD Protection Human Body Model: ± 8kV (air-gap discharge)
± 4kV (contact discharge)

- Dimensions (mm) 190mm(W) x 95mm(D) x 20mm(H)
- Weight 720g
- 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)
- Power Consumption (Max) 10W

V. Operation controls and Functions

Front Panel



1. **DC 5V IN** : Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

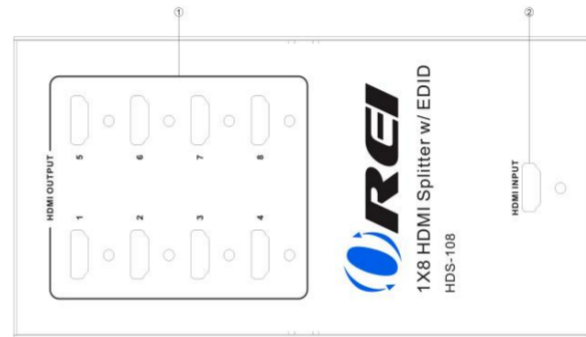
2. **UPDATE**: System software update.

3. **EDID Selector**: Select HDMI output signal format via EDID Selector.

Position	EDID Description
0	1080i, 2CH AUDIO
1	1080i, 5.1CH
2	1080i, HD AUDIO
3	1080p, 2CH AUDIO
4	1080p, 5.1CH
5	1080p, HD AUDIO
6	3D,1080p, 2CH AUDIO

7	3D, 1080p, 5.1CH
8	3D,1080p, HD AUDIO
9	4Kx2K,30HZ 2CH AUDIO
A	4Kx2K,30HZ 5.1CH
B	4Kx2K,30HZ HD AUDIO
C	4K2K,60HZ 2.0 Audio
D	4K2K,60HZ 5.1CH
E	4K2K,60HZ HD Audio
F	Copy EDID from HDMI OUT1

Rear Panel



1. **HDMI OUTPUT**: These slots are where you connect the HDTV or monitor with HDMI cable.

2. **HDMI INPUT**: This slot is where you connect the HDMI source output from DVD, PS3.

VI. Application Example

