

# **HDMI 1.4 Splitter 1 x 4 WITH EDID**

## **User manual V1.1**

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.

### **I. Introduction**

1×4 HDMI splitter distributes 1 HDMI source to 4 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. 1 HDMI input signal split to 4 HDMI sink devices.

2. HDCP 1.4 protocol compliant.
3. 3D HDMI 1.4a video format support.
4. 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.
5. Support display resolutions up to 4K x 2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz.
6. Support deep color 30bit, 36bit, 48bit per pixel.
7. Digital audio format, as DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD.

### III. Package

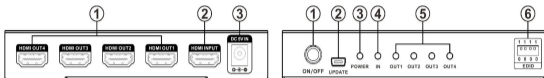
- |                                       |     |
|---------------------------------------|-----|
| 1. HDMI Splitter -----                | 1PC |
| 2. 5V1A DC Power Supply adapter ----- | 1PC |
| 3. Operation Manual -----             | 1PC |

### IV. Specifications

- |                                     |                              |  |
|-------------------------------------|------------------------------|--|
| 1. Frequency Bandwidth              |                              | 2.97Gbps   |
| 2. HDMI Splitter Input Ports        |                              | 1 x HDMI Female input port                             |
| 3. HDMI Splitter Output Ports       |                              | 4 x HDMI Female output ports                           |
| 4. Power Supply                     | DC 5V 1A                     |  |
| 5. ESD Protection Human Body Model: |                              | ± 8kV (air-gap discharge)<br>± 4kV (contact discharge) |
| 6. Dimensions (mm)                  | 70(W) X 145 (D) X 25 (H)     |  |
| 7. Weight                           | 300g                         |  |
| 8. Operating Temperature            |                              | 0°C ~ 40°C / 32°F ~ 104°F                              |
| 9. Storage Temperature              |                              | -20°C ~ 60°C / -4°F ~ 140°F                            |
| 10. Relative Humidity               | 20 ~ 90% RH (Non-condensing) |  |
| 11. Power Consumption (Max)         |                              | 5W   |

### V. Operation controls and Functions

#### Front Panel

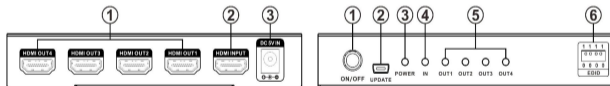


1. **ON/OFF:** Power on/off switch.
2. **UPDATE:** System software update.
3. **POWER LED:** This red LED illuminate when the device is connected with power supply.
4. **INPUT LED:** This red LED illuminate when the HDMI signal plug in.
5. **OUTPUT LED:** These red LED illuminate when the TV plug in corresponding HDMI output Port.
6. **EDID Selector:** Select HDMI output signal format via EDID Selector.

Position	EDID Description
0 0 0 0	Copy EDID from HDMI OUT1
0 0 0 1	1080p, 2CH AUDIO
0 0 1 0	1080p, DOLBY/DTS 5.1
0 0 1 1	1080p, HD AUDIO
0 1 0 0	1080i, 2CH AUDIO
0 1 0 1	1080i, DOLBY/DTS 5.1
0 1 1 0	1080i, HD AUDIO
0 1 1 1	3D,1080p, 2CH AUDIO

<b>1 0 0 0</b>	3D, 1080p, DOLBY/DTS 5.1
<b>1 0 0 1</b>	3D, 1080p, HD AUDIO
<b>1 0 1 0</b>	4Kx2K, 2CH AUDIO
<b>1 0 1 1</b>	4Kx2K, DOLBY/DTS 5.1
<b>1 1 0 0</b>	4Kx2K, HD AUDIO
<b>1 1 0 1</b>	1080p, 2CH AUDIO
<b>1 1 1 0</b>	1080p, 2CH AUDIO
<b>1 1 1 1</b>	Auto Compare HDMI OUT EDID

## Rear Panel



- HDMI OUTPUT:** These slots are where you connect the HDTV or monitor with HDMI cable.
- HDMI INPUT:** This slot is where you connect the HDMI source output from DVD, PS3.
- DC 5V:** Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

## VI. Application Example

