

geratech®



# EGE-SP114-4K

## 4K HDMI 1:4 Splitter



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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.

## 1. INTRODUCTION

1x4 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..

## 2. FEATURES

- 1 HDMI input signal split to 4 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.

## 3. PACKAGE

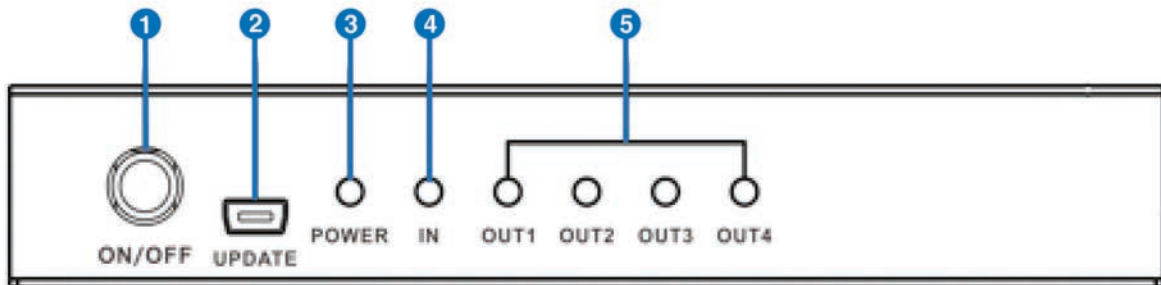
1. HDMI Splitter - 1PCS
2. 5V1A DC Power Supply adapter - 1PCS
3. Operation Manual - 1PCS

**4. SPECIFICATIONS**

Frequency Bandwidth	2.97Gbps
HDMI Splitter Input Ports	1 x HDMI Female input port
HDMI Splitter Output Ports	4 x HDMI Female output ports
Power Supply	DC 5V 1A
ESD Protection Human Body Model:	± 8kV (air-gap discharge) ± 4kV (contact discharge)
Dimensions (mm)	70(W) X 145 (D) X 25 (H)
Weight	300g
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)	5W

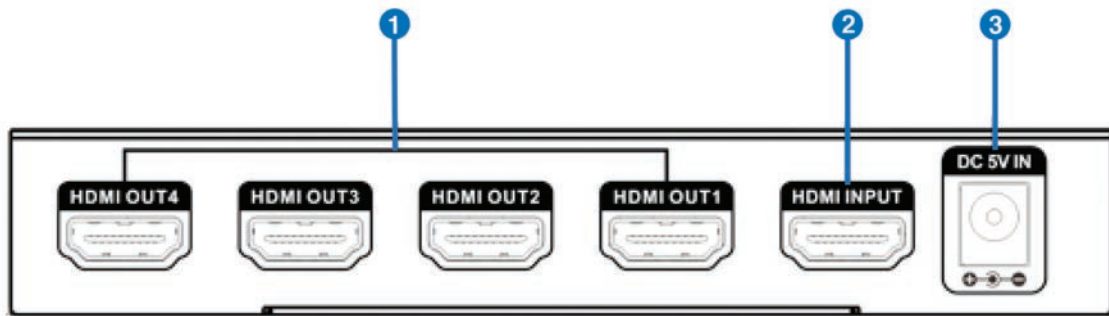
**5. OPERATION CONTROLS AND FUNCTIONS**

**5.1 Front Panel**



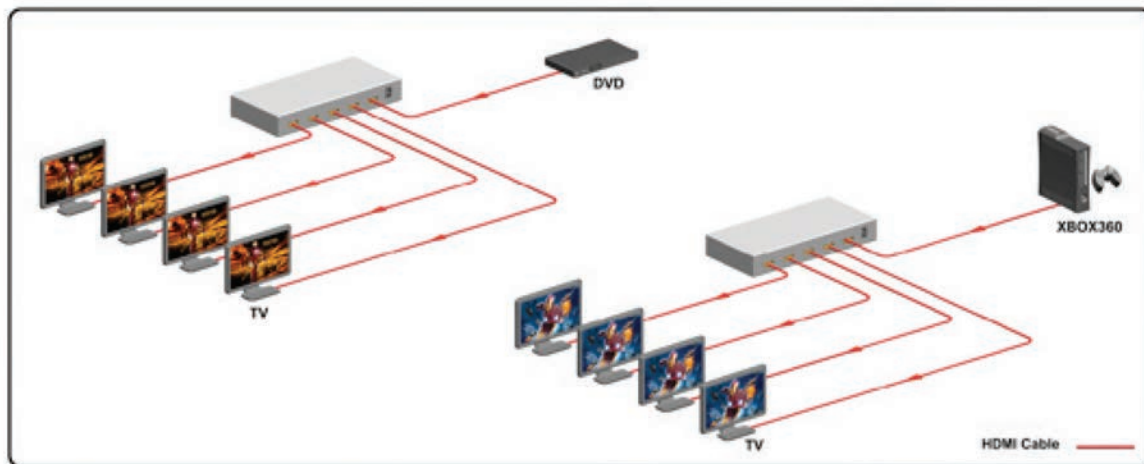
- 1 ON/OFF:** Power on/off switch.
- 2 UPDATE:** System software update.
- 3 POWER LED:** This red LED illuminate when the device is connected with power supply.
- 4 INPUT LED:** This red LED illuminate when the HDMI signal plug in.
- 5 OUTPUT LED:** These red LED illuminate when the TV plug in corresponding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

### 5.2 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.
- 3 DC 5V:** Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

### 6. APPLICATION EXAMPLE







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