

# geratech<sup>®</sup>

## EGE-SCA-HD-SC-VGA MHL/HDMI to VGA Scaler Converter Box



# EGE-SCA-HD-SC-VGA

## MHL/HDMI to VGA Scaler Converter Box



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

The MHL+HDMI to VGA scaler converter which can convert mobile MHL or HDMI digital video audio signal to analog VGA signal and the FL / FR stereo audio signal, while support DVI system sideline signals. Help users convert the high quality of digital signal to analog signal. So that can play on CRT/LCD/LED monitor, HDTV or projector.

### 2. FEATURES

1. No need to install drivers, portable, flexible, plug and play.
2. High quality scaling technology for input resolutions .
3. Multiple output resolution set in OSD menu.
4. Compliant with HDMI 1.3, DVI 1.0, MHL 2.0 Standard.

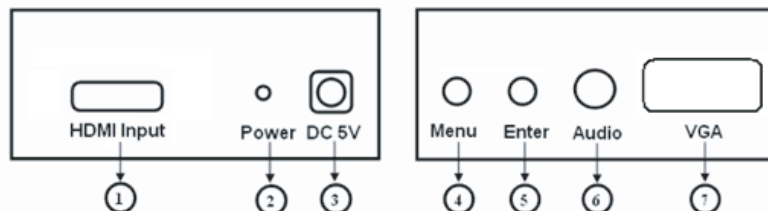
### 3. PACKAGE

1. MHL/HDMI to VGA Converter 1 pcs
2. 5V1A DC Power Supply Adaptor 1 pcs
3. Operation Manual 1 pcs

### 4. SPECIFICATIONS

Input ports:	1 x HDMI
Output ports:	1xVGA. 1xEarphone
Dimensions(mm):	100(D)x84(W)x28(H)
Wight (g):	300g
MHL/HDMI input resolution:	480i/60Hz, 480p/60Hz, 576i/60Hz, 576p/60Hz, 720p50/60Hz, 1080i50/60Hz, 1080p50/60Hz.
VGA output resolution:	800x600@60Hz, 1024x768@60Hz, 1360x768@60Hz, 1440x900@60Hz, 1280x1024@60Hz, 1680x1050@60Hz, 1600x1200@60Hz, 1920x1080@60Hz,
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)	3W
ESD Protection	Human Body Model: ± 8kV (air-gap discharge) ± 4kV (contact discharge)

### 5. OPERATION CONTROLS FUNCTIONS



1. **MHL/HDMI input:** These slot is where you connect the HDMI source output from DVD, PS3, Set-top Box ,if you want connect to smart mobile phone, it need add one MHL to HDMI cable
2. **POWER LED:** This red LED illuminate when the device is connected with power supply.
3. **DC 5V:** : Connect the 5V DC power supply into the Converter.
4. **Menu Button:** Press this button will display the output resolution menu.
5. **Enter Button:** Press this button to select the output resolution.
6. **Audio output:** These slot is where you connect to the audio amplifier with 3.5mm earphone cable
7. **VGA output:** This slot is where you connect to the projector or monitor with VGA cable.

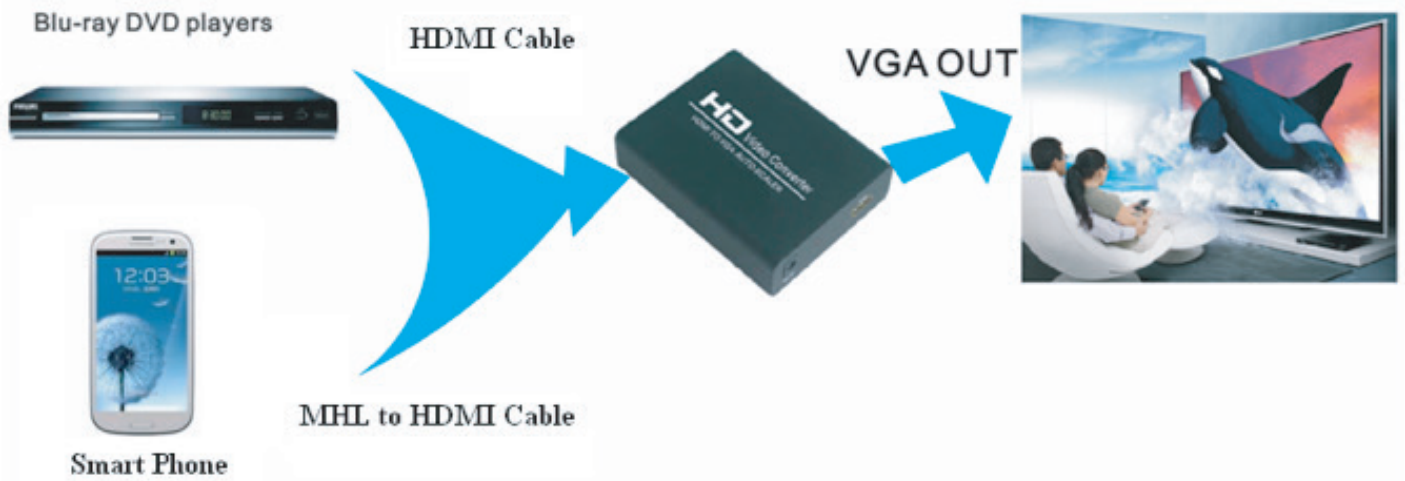
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### 6. Connection and Installation

1. Connect a source such as a Blu-Ray Player, game console, Satellite Receiver, or smart mobile phone to the Converter MHL/HDMI input.
2. Connect a display such as a monitor or Projector to the VGA output on the Converter.
3. Connect the audio out to the audio amplifier or headphone by earphone cable.
4. Power on the device and display.



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