

Model : ATZ VC-VGA-HDMI4K
Description: VGA to HDMI 4Kx2K Scaler Converter Box



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Introduction:

The VGA to HDMI 4Kx2K Scaler Converter is a universal converter for analog VGA input to HDMI 4Kx2K@60Hz output. The analog to digital conversion in this module employs 10 bits maximal 297MSPS sampling, black/white level expansion, color transition improvement, dynamic range expansion, blue stretch, auto-detect and auto-convert the VGA signal to HDMI output. Making video come alive, delivering the sharpest, most realistic HD visuals available.

Features:

1. No need to install drivers, portable, flexible, plug and play.
2. Provide advanced signal processing with great precision, colors, resolutions, and details.
3. Support multi-VESA Standard VGA formats input.
4. Support HDMI 4Kx2K@60Hz, 4Kx2K@30Hz, 1080p@60Hz or 720p@60Hz output.

Package:

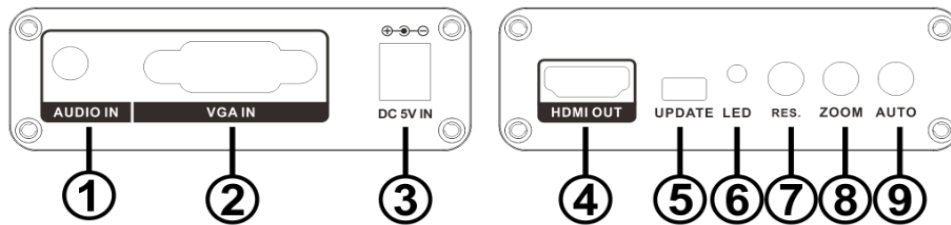
1. VGA to HDMI 4Kx2K Scaler Converter 1pcs
2. 5V1A DC Power Supply Adaptor 1pcs
3. Operation Manual 1pcs

Specification:

Input ports	1xVGA, 1xEarphone, 1 x Mini USB
Output ports	1xHDMI
Dimensions(mm)	93(D)x84(W)x28(H)
Weight (g)	160g
VGA input resolution	640 x 480P@60Hz, 800 x 600@60Hz, 1024 x 768P@60Hz, 1280 x 720P@60Hz, 1280 x 768P@60Hz, 1280 x 1024P@60Hz, 1360 x 768P@60Hz ... 1920x 1080P@60Hz
HDMI output resolution	4Kx2K@60Hz, 4Kx2K@30Hz, 1080P@60Hz, 720P@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)	3.5W
ESD Protection	Human Body Model: ± 8kV (air-gap discharge) ± 4kV (contact discharge)

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Operation Controls and Functions:



1. **AUDIO input:** These slot is where you connect to the audio PC or other audio signal source with 3.5mm earphone cable
2. **VGA input:** These slot is where you connect the VGA source output from PC or Laptop.
3. **DC 5V IN:** Connect the 5V DC power supply into the Converter.
4. **HDMI OUT:** The HDMI OUT connect to HDMI equipped TVs or monitors.
5. **UPDATE:** System software update.
6. **Power LED:** This red LED illuminate when the device is connected with power supply.
7. **Resolution Button:** Press this button to select the output resolution.
8. **ZOOM Button:** Press this button the scaling of the output picture.
9. **AUTO Button:** Press this button to automatically adjust the output picture.

Connection and Installation:

- i. Connect a source such as a PC to the Converter VGA input.
- ii. Connect the audio signal via the 3.5mm earphone cable.
- iii. Connect a display such as a monitor, TV or Projector to the HDMI output on the Converter.
- iv. Power on the device and display.

