

KanexPro®

CON-VGA-HD4K

VGA to HDMI 4Kx2K Scaler Converter Box

User Manual

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

Introduction

The KanexPro CON-VGA-HD4K is a universal scaler converter designed to up-scale one VGA (15-pin HD) input to HDMI 4Kx2K@60Hz output. The CON-VGA-HD4K is capable of converting analog to digital formats with multiple adjustments and range to achieve the most ideal video image. Its portable and simple plug and play functionality making it the most ideal scale converters for analog to 4K digital signal conversion. Perfect for older AV devices and cameras that need to be transformed to 4K UHD display for viewing purposes.

Features

- VGA (15 pin HD) with audio to UltraHD 4K display
- Built-in scaler to upscale video resolutions up to 4K@60Hz
- HDMI output resolutions: 4Kx2K@60Hz, 4Kx2K@30Hz, 1080p@60Hz, and 720p@60Hz
- Supports multiple VESA standards & VGA formats for inputs
- Advanced signal processing with great precision, colors & details
- Front panel Resolution & Zoom buttons for best output resolution
- 3.5mm stereo audio input
- Easy firmware update via Micro-USB
- 5VDC external power supply included

Package Includes

- VGA to HDMI 4Kx2K Scaler Converter-----1 pcs
- 5V/1A DC Power Supply Adaptor-----1 pcs
- Operation Manual-----1 pcs

Specification

Input ports:	1xVGA, 1x3.5mm jack, 1 x Min- USB
Output ports:	1xHDMI
Dimensions (mm):	93(D) x84 (W) x28 (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): 3W
ESD Protection:	± 8kV (air-gap discharge)
Human Body Model:	± 4kV (contact discharge)

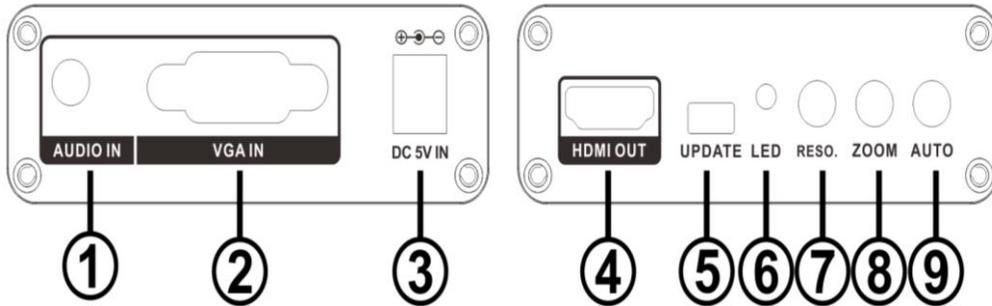
Video Resolution Support

- **VGA input resolution:** C-Video/S-Video input: PAL, NTSC3.58, NTSC4.43, SECAM, PAL/M, and PAL/N standard TV formats
- **HDMI output resolution:** 4Kx2K@60Hz, 4Kx2K@30Hz, 1080p@60Hz, and 720p@60HZ

Front and Rear Panel



Operation Controls and Functions



1. **AUDIO input:** This input is where you connect PC audio or other audio signal sources with 3.5mm earphone jack.
2. **VGA input:** This input is where you connect the VGA source output from your PC or Laptop.
3. **DC 5V IN:** Connect the 5V DC power supply into the Converter.
4. **HDMI OUT:** Using a high speed HDMI cable, connect HDMI OUT to an HDMI input on your TV or display device.
5. **UPDATE:** For Manufacturer use only. Manual system software updates.
6. **Power LED:** This red LED illuminates when the device is connected with the power supply.
7. **Resolution Button:** Press this button to cycle between different output resolutions until your desired output resolution is displayed.
8. **ZOOM Button:** Press this button to adjust scaling for the output picture.
9. **AUTO Button:** Press this button to automatically adjust the output picture.

Connection and Installation

1. Connect a VGA source such as a PC to the Converter's VGA input.
2. Connect the audio out signal via the 3.5mm earphone cable if applicable.
3. Using a high speed HDMI cable, connect a display such as a monitor, TV or Projector to the HDMI output on the Converter.
4. Power on the device and display.



Warranty

KanexPro warrants its products will greatly perform to their published specifications and will be free from defects in materials and workmanship under normal use, conditions and service for up to three years. For more information regarding warranty details, please visit: <http://www.kanexpro.com/warranty/>.

Technical Support

KanexPro Technical and Customer support inquiries can be sent electronically via the following avenues:

Tech Support Inquiry: <http://www.kanexpro.com/support/>

Email: support@kanexpro.com

KanexPro Customer support can be reached via phone at (888) 975-1368 (International Calls: 1-714-332-1682) during the following times:

Monday – Friday: 6:00 am – 5:00 pm PST