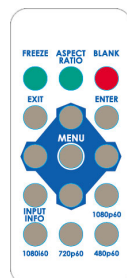




- ▶ Convert and scale VGA video to HDMI
- ▶ Supports HDMI video resolutions up to 1080p
- ▶ Remote control using IR sensor and Mini USB
- ▶ Stereo and S/PDIF audio input is converted to HDMI audio output
- ▶ Powerful OSD for video adjustments including under/over scan, aspect ratio and H/V mirror
- ▶ Supports noise reduction and video enhancement
- ▶ Connect to DVI monitors using HDMI/DVI adapter

Features and Benefits

- Easily connect a PC to your HDMI monitor
- Intuitive OSD control interface, accessible with either IR control or Mini USB control
- Output modes are RGB, YCbCr444, YCbCr442, selectable as 480p, 720p, 1080i and 1080p
- Maximum pixel rate is 165MHz
- Stereo audio and S/PDIF input supported
- De-interlacer supported
- Active video area adjustment supported
- Firmware upgradeable via mini USB port
- Image control using adjustable contrast, brightness, saturation, hue, color tone, sharpness, and edge enhancement
- Utilizes standard length VGA, audio, and HDMI cables
- Mounting brackets included for easy installation, shelf or wall mountable



Translator VGA to HDMI remote control

Product Overview

The VGA to HDMI Translator offers an easy and instant approach for converting analog PC video (VGA) with either digital audio (S/PDIF) or analog stereo audio to digital HDMI. VGA devices such as a PC with S/PDIF or analog stereo audio can easily connect to your HDMI TV.

The convenience of this multi-featured product and the ease-of-use enables presentations, demonstrations, home theatre, and digital signage platforms to be quickly and easily installed.

Once connected using standard audio and video cables, the Translator is simple to configure and operate using either the hand-held IR remote or by connecting a PC via the mini USB port and operating the OSD menu. If the output monitor has a DVI interface, just use an HDMI-to-DVI adapter cable to convert the interface.

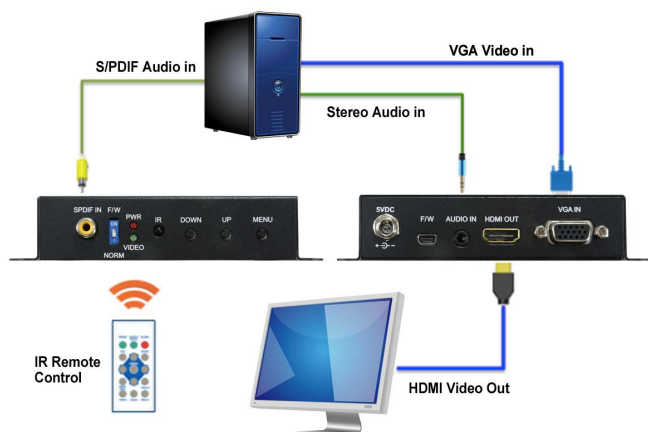


Translator VGA to HDMI front panel



Translator VGA to HDMI rear panel

Typical Application

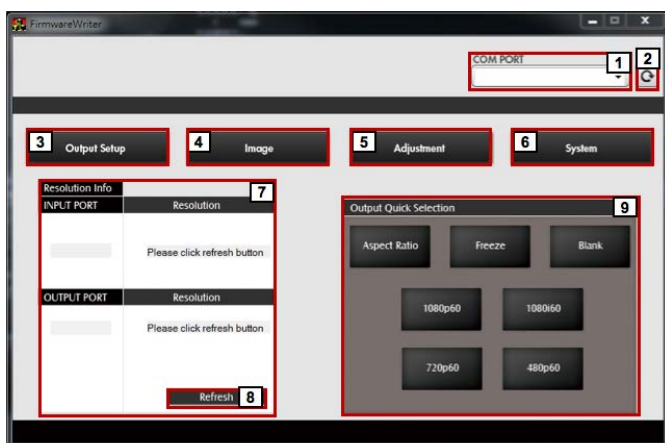


Translator VGA to HDMI connection diagram

Application examples Other application environments for the VGA to HDMI Translator include shopping centers, control rooms, dealer rooms, restaurants, hospitals and security.

IR Remote Control The IR remote Control is a standard hand-held device with 15 push buttons. It can be used to access the configuration menu or other functions such as view input info, freeze, blank, change resolution, and change aspect ratio.

Mini USB Port Control Connect the Translator to a PC using a Mini USB-B cable (not included) and then install the included installation software. Follow the command prompts to open the OSD GUI control window.



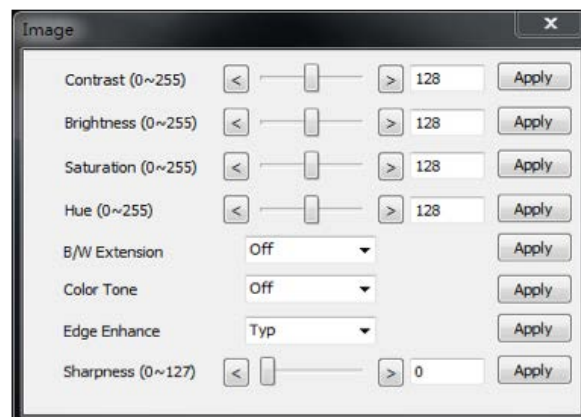
Translator VGA to HDMI OSD GUI control window

Specifications

Dimensions (W x D x H)	3.6" x 3.3" x 1.1" 92 x 83 x 28 mm
Weight	0.9 lbs (0.25Kg)
Power	100-240 VAC, 50-60Hz, +5VDC 2A, 5W
Video resolutions supported	480i 576p 720p 640×480 800×600 1024×768 1280×720 1280×800 1280×1024 1600×1200 1680×1050 1920×1080
Video bandwidth	165MHz
TMDS in signal	1.2 volts, peak-to-peak
DDC in signal	5 volts, peak-to-peak, TTL
Signal LED's	Signal (green), Power (red)
Audio support	Stereo PCM (48KHz only)
Connectors	Input: 1×VGA HD15F 1×3.5mm stereo audio 1×S/PDIF audio Output: HDMI: 1×HDMI Type A Mini USB-B: Firmware update and control External Power: +5V jack
Environment	Operating temp: 32°F – 104°F (0°C – 40°C) Storage temp: -4°F – 140°F (-20°C – 60°C) Rel. humidity: 20% to 90% non-condensing
Approvals	FCC, CE, RoHS

Part numbers

CNV-VGAHDMISC	Translator, VGA to HDMI Converter
CAB-HDMIMM006	HDMI male to male cable, 6ft (2.0m)
CAB-HDMIMM010	HDMI male to male cable, 10ft (3.0m)
CAB-CXVMF005	VGA male to female cable, 5ft (1.8m)
CAB-CXVMF010	VGA male to female cable, 10ft (3.0m)
CAB-SPMM005	Stereo audio cable, 5ft (1.8m)
CAB-SPMM010	Stereo audio cable, 10ft (3.0m)



Translator VGA to HDMI OSD GUI control options

WWW.ROSE.COM ■ sales@rose.com ■ (800) 333-9343

Rose Electronics ■ 10707 Stancliff Road ■ Houston, Texas 77099
Rose USA (281) 933-7673 ■ Rose Europe +49 (0) 2454 969442
Rose Asia +65 6324 2322 ■ Rose Australia +61 (0) 421 247083

datasheet-translator-vga-to-hdmi-2017-10-04

ROSE
ELECTRONICS
WWW.ROSE.COM