

VGA to HDMI Converter

ITEM NO.: VGA-HDMI VGA with Audio to HDMI Converter



VH01E VGA to HDMI Format converter allows you to convert VGA and analog audio or SPDIF digital audio into one HDMI cable. Plug your laptop or PC in and see it on your HDTV with an HDMI input. This product converts the VGA signal to HDMI at the resolution of the VGA video source. If the VGA source is set to 480i, 720p or 1080i, 1080p. Then it will convert to HDMI at the same corresponding resolution.

Features:

- Convert VGA & Stereo/Digital (SPDIF) audio to HDMI display.
- Support HDMI & DVI output mode. (Package do not include HDMI to DVI cable/adapter).
- Encodes analog stereo audio or digital audio onto the video signal for HDMI video and audio.
- Built in Auto selection on the stereo and digital audio.
- Supports PC resolution up to 1920 x 1200.

View of Connection and Installation:



VGA Input Resolutions Supported:

800 x 600@60Hz	1280 x 800@60Hz	1440 x 900@60Hz	1920 x 1080@60Hz
1024 x 768@60Hz	1280 x 960@60Hz	1600 x 900@60Hz	1920 x 1200@60Hz
1152 x 864@60Hz	1280 x 1024@60Hz	1600 x 1024@60Hz	
1280 x 720@60Hz	1360 x 768@60Hz	1600 x 1200@60Hz	
1280 x 768@60Hz	1400 x 1050@60Hz	1680 x 1050@60Hz	

HDMI monitor need to support the above solution for display

HDMI Audio Output :

When analog and digital audio input at same time, the audio output will be auto select Digital Audio as priority.

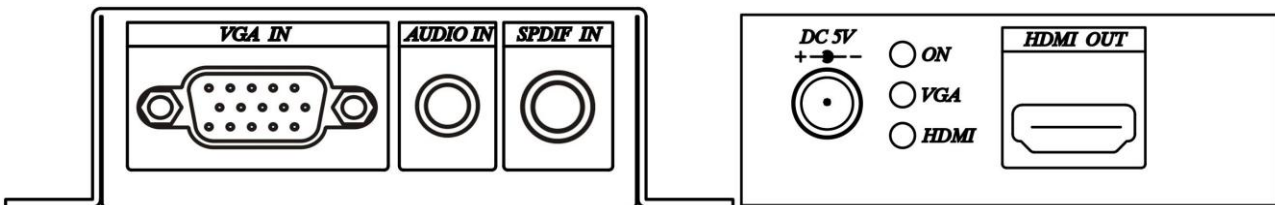
LED Indication:

Green: Power
Blue: VGA Signal input
Red: HDMI Signal Output

Caution:

1. This converter support HDMI and DVI output at different resolution, but request your TV/Monitor also support the resolution for display.
2. Connect DVI-D Monitor need a "HDMI to DVI-D cable or adapter".
- 3 . SPDIF audio input only support "48K 16Bit LPCM ". The audio output will occur noise by other audio format.

Panel View:



Specification:

ITEM NO.	VH01E
Input Signal	VGA x1 920x1200@60Hz Max , stereo audio /digital audio
Video Input Connector	DB15 x 1 (0.7 Vp-p 75Ω)
Analog Audio Input	3.5mm Stereo Phone jack, (3Vp-p Max · 10KΩ)
Digital Audio Input	SPDIF RCA, 75Ω x 1
Video Output Signal	HDMI A type connector x 1
Power Consumption	500mA
Power Supply	DC 5V 1A
Temperature	Operation: 0 to 70°C, Storage: -40 to 85°C, Humidity: up to 95%
Dimension	mm 92 x 75.5 x 25
Weight	g 170

RoHS CE FC

Rev. A