



VGA Converter

# User Manual

---

Model : VH01E

VGA & Stereo/Digital Audio to HDMI Converter



## Introduction

VH01E is a video converter designed to use an HDMI monitor to display a VGA with analog or digital audio. The converter is also a DVI compatible device, which can use an HDMI to DVI cable or adapter to connect with a DVI device.

## Features

- Converts VGA & audio to HDMI signal.
- Resolution up to 1920 x 1200@60Hz.
- Supports digital/ analog audio input.
- Supports DVI output mode. (Require an HDMI to DVI cable/adapter).

## Installation View



## 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.

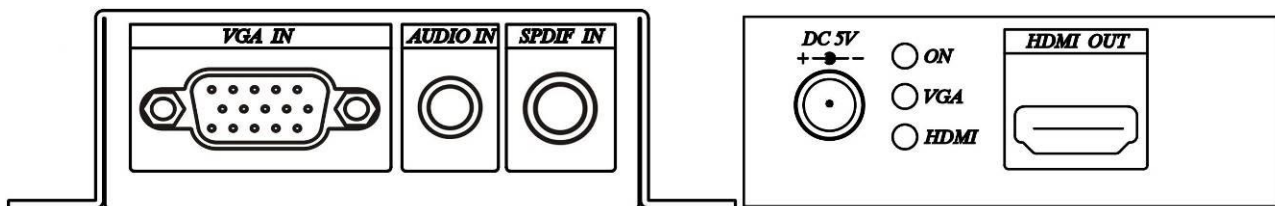
## LED Indication

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

<b>ITEM NO.</b>	<b>VH01E</b>
<b>Support</b>	
Max. Video Resolution	1920 x 1200@60Hz
<b>Ports &amp; Interfaces</b>	
Video Input	1 x DB15 (75Ω, 0.7 Vp-p)
Video Output	1 x HDMI Type A
Analog Audio Interface	1 x 3.5mm Stereo Phone jack, (75Ω, 3Vp-p)
Digital Audio Interface	1 x SPDIF RCA (75Ω)
<b>Power</b>	
Power Supply	DC 5V 1A
Power Consumption	500mA
<b>Ambient Temperature</b>	
Operation	0 to 70°C
Storage	-40 to 85°C
Humidity	Up to 95%
<b>Physical Characteristics</b>	
Dimensions	92 x 75.5 x 25mm
Weight	170g