

## VGA to HDMI Converter with Local loop VGA output

**ITEM NO.: VH01    VGA to HDMI Converter with Local loop VGA output**



VH01 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.
- **Built in local VGA loop output with stereo/Digital (SPDIF) audio.**
- Support HDMI & DVI output mode. (Package do not include HDMI to DVI cable/adapter).
- VGA support resolutions @ 60 Hz :  
1920 x 1080 · 1680 x 1050 · 1600 x 1024 · 1600 x 900 · 1360 x 768 · 1360 x 765 · 1280 x 1024 · 1280 x 960 · 1280 x 800 · 1280 x 768 · 1280 x 720 · 1152 x 864 · 1024 x 768 · 800 x 600 ( HDMI monitor need to support the above solution for display)
- 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 1080.

### VGA Input Resolutions Supported:

Resolution /Frequency	50Hz	56Hz	60Hz	70Hz	72Hz	75Hz	85Hz
<b>640 x 480</b>			•		•	•	•
<b>800 x 600</b>		•	•		•	•	•
<b>1024 x 768</b>			•	•		•	•
<b>1280 x 960</b>			•				
<b>1280 x 1024</b>			•			•	•
<b>1360 x 768</b>			•				
<b>1440 x 900</b>			•				
<b>1600 x 1200</b>			•				
<b>1920 x 1080</b>			•				

### HDMI Audio Output :

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

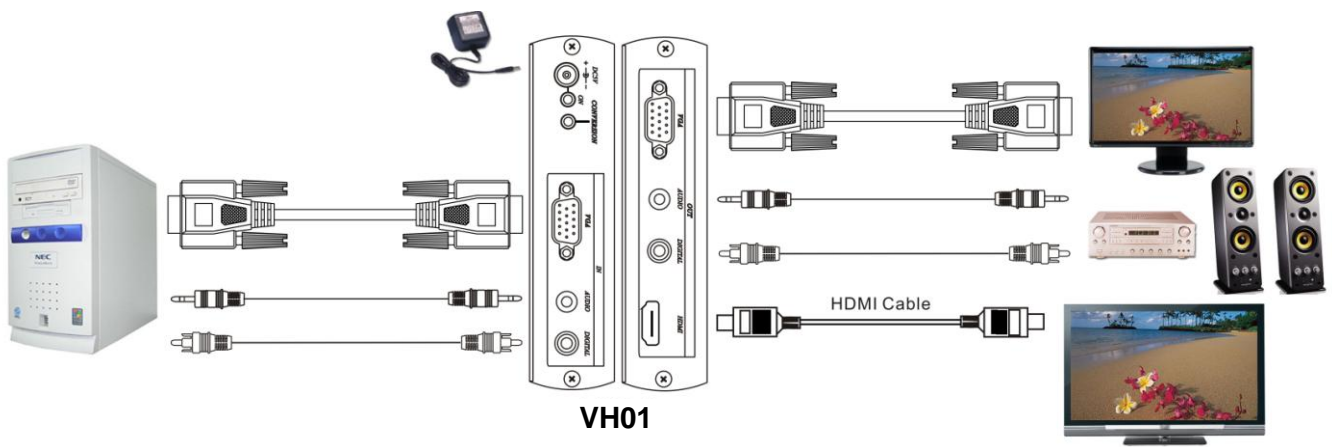
**LED Indication:**

**ON**                      **Power on**  
**Conversion**            **Signal convert**

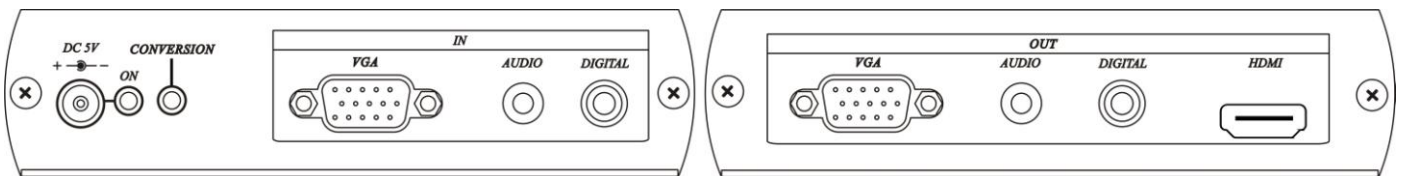
**Caution:**

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.

**View of Connection and Installation:**



**Panel View:**



**Specification:**

ITEM NO.	VH01	
Input Signal	VGA x1 (1920x1080 Max) , stereo audio /digital audio	
Video Input Connector	VGA 15 pin HD	
Analog Audio Input	3.5mm Stereo Phone jack, 10KΩ	
Digital Audio Input	SPDIF RCA, 75Ω x 1	
Video Output Signal	HDMI A type connector x 1	
Power Consumption	720mA	
Power Supply	DC 5V 1A	
Temperature	Operation: 0 to 55°C , Storage: -20 TO 85°C , Humidity: up to 95%	
Dimension	mm	125 x 95 x 30
Weight	g	270



Rev. C