



# VGA + Audio to HDMI Multimedia Converter



**Manual**

DS-40131

# VGA + Stereo to HDMI Multimedia Converter

## 1.0 Introduction

The DS-40131 converts your analog VGA to a digital HDMI signal. Thus enables you to connect your devices with VGA port to a HDMI monitor, TV or video projector. The VGA input just transfers the video signal, so the converter has an additional audio jack port. Any existing audio signal will be converted and integrated into the HDMI signal. This allows an extra audio playback through the HDMI signal.

## 2.0 Features

- Converts video and audio signals from VGA to HDMI allowing connection of PC to 1080p HDTV
- Input: VGA & Stereo Audio
- Output: HDMI
- No software or driver installation required
- PC VGA Resolution:  
1920 X 1080@60Hz, 1680 X 1050@60Hz, 1600 X 1200@60Hz  
1600 X 900@60Hz, 1440 X 900@60Hz, 1366 X 768@60Hz,  
1360 X 768@60Hz, 1280X 1024@75Hz. 1280 X 800@60Hz,  
1280 X 960@60Hz, 1280 X 800@75Hz, 1380 X 800@60Hz  
1280 X 768@60Hz, 1280 X 720@60Hz, 1280 X 600@60Hz  
1152X 864@75Hz, 1152 X 864@60Hz, 1024 X 768@75Hz,  
1024 X 768@60Hz, 800 X 600@75Hz, 800 X 600@60Hz  
640 X 480@75Hz. 640 X 480@60Hz
- HDMI Transmission Rate: 6.75Gbps
- Support 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth
- Support 12bit per channel (36bit all channel) deep color
- Dimensions: 60.5 x 54 x 20.5 mm
- Weight: 42 g

### 3.0 Specifications

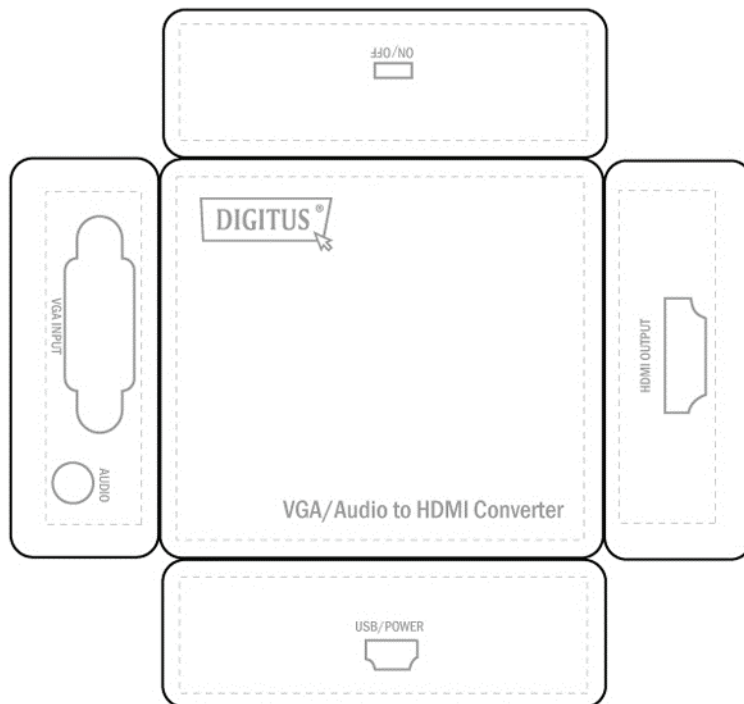
Signal Input	VGA Signal
Input Video Signal	0.5-1.0 volts p-p
Output Video	HDMI signal
DTV/HDTV	480i/576i/480p/576p/720p/1080i/ 1080p
Video Amplifier Bandwidth	2.25Gbps/225MHz
Vertical Frequency Range	50/60Hz
Interlaced Resolutions(50&60Hz)	480i,576i,1080i
Progressive Resolutions(50&60Hz)	430p,576p,720p,1080p
Operating Temperature	0°C to 70°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
Power Supply	USB Power cable
Power consumption(MAX)	5W
Converter Unit Cert	FCC.CE

**Note: Specifications are subject to change without notice.**

### 4.0 Package Contents

- 1) VGA + Stereo to HDMI Mini Converter
- 2) USB Power cable
- 3) Manual

## 5.0 Panel Descriptions



## 6.0 Connection and Operation

- 1) Connect the VGA and stereo Audio source to the Input of the Converter
- 2) Connect the HDTV to the output of converter via HDMI cable
- 3) Plug one power supply into the Converter

**Attention: Insert /Extract cable gently**

### 6.1 Connection Diagram

