

Video Converter

VGA to HDMI Converter with Audio

Model: VC-AD-1V1H

PRODUCT OVERVIEW

VGA to HDMI Converter, ADC Converter, Audio Embedding

The **VGA to HDMI Converter, VC-AD-1V1H**, converts the analogue VGA and 3.5mm stereo audio signals to a digital HDMI signal.

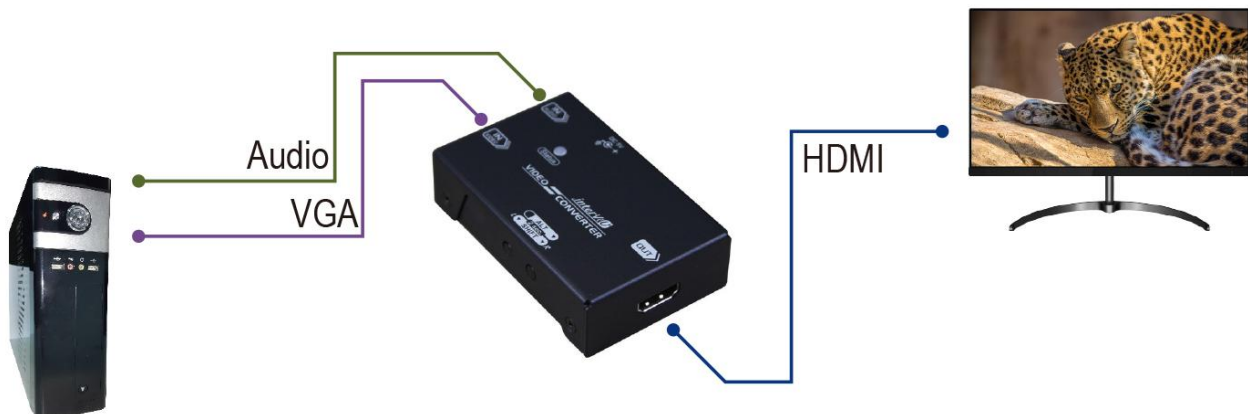
The, VC-AD-1V1H, VGA to HDMI Converter's video adjustment function allows for horizontal image shift on the screen to synchronise frequency. The audio embedding function combines audio from a 3.5mm source with the HDMI signal, enabling users to incorporate the audio signal for more informative content in video postproduction, which is beneficial for conference calls, meeting rooms, or showroom applications.

With a compact design, Plug-n-Play functionality (no software or driver installation required), and HDMI 1.3 compliance, the VGA to HDMI Converter is compatible with most popular screen resolutions.



FEATURES

- Converts VGA and analog audio signals to a digital HDMI signal
- Compliant with HDMI v1.3
- Supports 8/10/12-bit deep color
- Supports resolutions up to Full HD (1920 x 1080) and QWXGA (2048 x 1152)
- Compatible with most popular video resolutions
- Screen Shift Mode allows users to adjust image positioning
- Resolution Alteration Mode supports capturing multiple similar video timings
- LED status indicator for instant troubleshooting and monitoring
- HDTV compatibility
- Intelligent EDID handling and processing algorithm ensures Plug and Play operation for HDMI systems



Video Converter

SPECIFICATIONS

| Parameter | Descriptions |
|-----------------------|--|
| Max Video Resolution | 1920 x 1080 (Full HD) |
| Input Port | VGA x 1 Analog Stereo x 1 |
| Output Port | HDMI x 1 |
| Button | x 2 (image horizontal adjustment) |
| LED Indicator | Power / System Status (Tri-Colour) x 1 |
| Transmission Rate | 5Gbps |
| Frequency Range | 25 ~ 255 MHz |
| Power Supply | DC 5V |
| Operating Environment | 0 ~ 40°C, Humidity < 80% |
| Storage Temperature | -20 ~ 60°C |
| Enclosure | Metal |
| H x W x D (mm) | 20 x 50 x 80 |
| Weight (g) | 180 |
| Warranty | 1-Year Limited Warranty. Advance Replacement Warranty is available. |

HARDWARE DIAGRAMS



Top and Side Views



Video Adjustment (analog to digital)

Screen Shift function can move image to right or left side on the monitor (horizontal position) for comfortable viewing.

DISCLAIMER

DSGio shall not be liable for any damages, including punitive, consequential, or cost of cover damages, arising from any errors in the product information or specifications provided in this document. This document is subject to revision by DSGio at any time without prior notice.