

## VC812

HDMI to VGA/Audio Converter with Scaler



The VC812 HDMI to VGA converter with Scaler offers an easy and convenient way of converting HDMI input signals into [analog](#) video (VGA). The VC812 carries a high-performing scaling engine that converts the video resolution to give you the best image quality.

You can operate the VC812 via the built-in On-Screen Display (OSD), which can be controlled through accessible front panel pushbuttons.



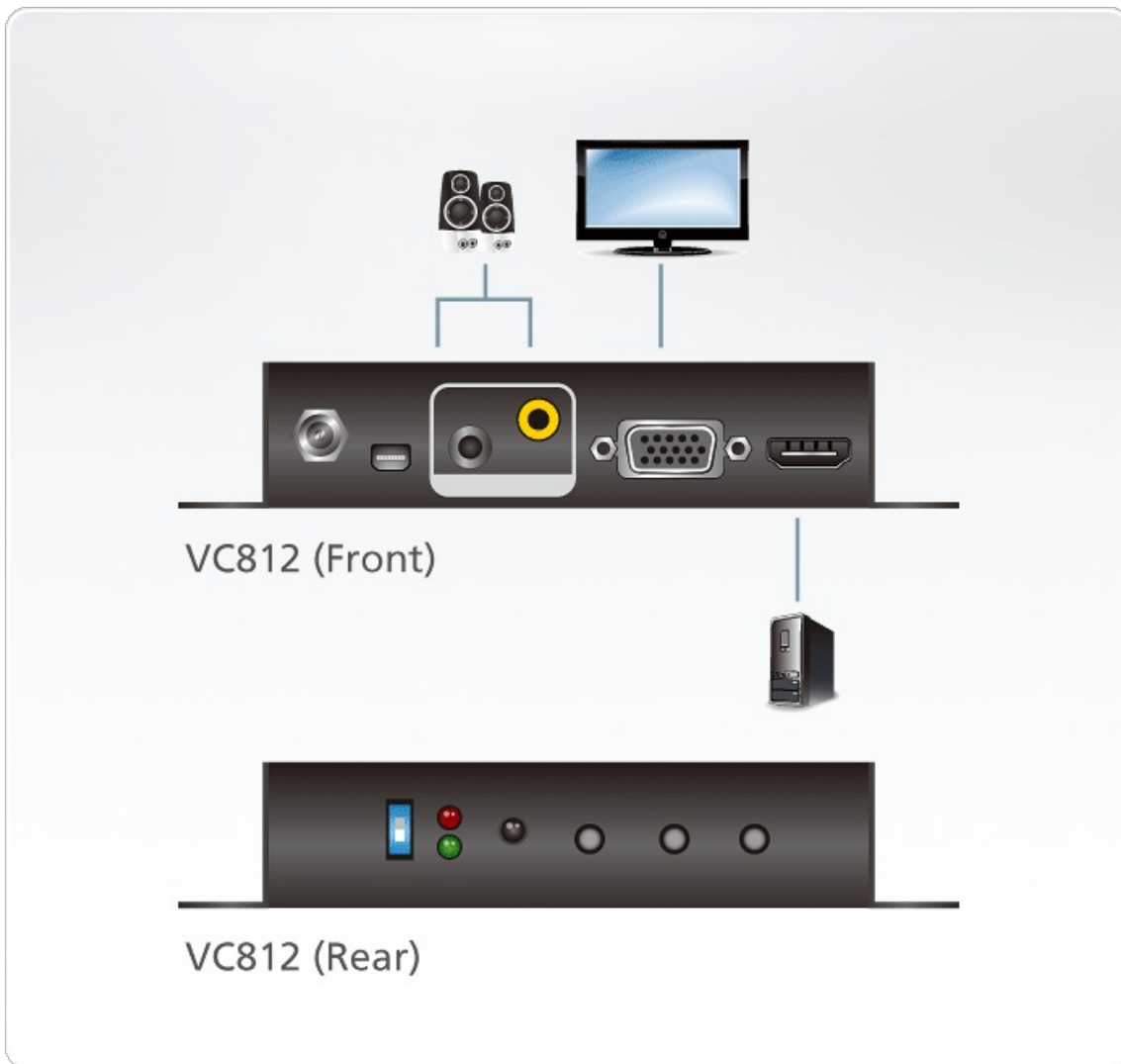
### Features

- Converts HDMI signals to VGA output
  - Supports [analog](#)/digital audio
  - Superior video quality - up to 1080p; 1920 x 1200
  - Features a built in high-performance scaler function for best image quality
  - Scaler - a premium scaling engine that converts various input video resolutions into the display's native resolution, while adjusts picture ratio automatically for maximum viewing comfort
  - 3D Deinterlacing - increases image clarity for ultimate viewing quality by processing and scanning digital video signals
  - Features a superior de-interlacer function for smooth video playback quality
  - Built-in OSD function for video and system settings configuration
  - Integrated superior video noise reduction
  - Integrated next generation color engine - automatic picture quality/color adjustment and enhancement
  - Automatically detects video input signals
  - LED indication of power status and source device
  - No software required - eliminates incompatibility and installation issues
- Note: The VC812 does not support [HDCP](#)

## Specifications

|                        |  |
|------------------------|--|
| Video Input            |  |
| Interfaces             | 1 x HDMI Type A Female (Black)   |
| Impedance              | 100 $\Omega$   |
| Video Output           |  |
| Interfaces             | 1 x HDB-15 Female (Black)  |
| Impedance              | 75 $\Omega$  |
| Video                  |  |
| Max. Pixel Clock       | 165 MHz  |
| Max. Resolution        | Up to 1920 x 1200  |
| Scaler Resolutions     | 480p; 480i; 576p; 576i; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1360 x 768; 1440 x 900; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1080i; 1080p; 1920 x 1200 |
| Audio                  |  |
| Output                 | Analog: 1 x Mini Stereo Jack Female (Black)<br>Digital: 1 x RCA (Yellow)   |
| Connectors             |  |
| Power                  | 1 x DC Jack  |
| Power Consumption      | DC5V:2.125WBTU   |
| Environmental          |  |
| Operating Temperature  | 0 - 40 $^{\circ}$ C  |
| Storage Temperature    | -20 - 60 $^{\circ}$ C  |
| Humidity               | 20 - 90% RH, Non-Condensing  |
| Physical Properties    |  |
| Housing                | Metal  |
| Weight                 | 0.29 kg ( 0.64 lb )  |
| Dimensions (L x W x H) | 11.00 x 8.30 x 2.80 cm<br>(4.33 x 3.27 x 1.1 in.)  |
| Carton Lot             | 5 pcs  |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                  |

Diagram



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