

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.

The image displays five feature icons in a grid-like arrangement:

- Resolution:** 1920 x 1200, 1080P
- A/V In:** Represented by a monitor icon.
- HDMI:** Represented by the HDMI logo.
- OSD:** Represented by the letters 'OSD' in a large font.
- Scaler:** Represented by a square with arrows indicating scaling.

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 Ω
Video Output	
Interfaces	1 x HDB-15 Female (Black)
Impedance	75 Ω
Video	
Max. Pixel Clock	165 MHz
Max. Resolution	Up to 1920 x 1200
Scaler Resolutions	480p; 576p; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1360 x 768; 1440 x 900; 1600 x 1200; 1680 x 1050; 1080i; 1080p; 1920 x 1200
Audio	
Output	Analog: 1 x Mini Stereo Jack Female (Black) Digital: 1 x RCA (Yellow)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:2.125WBTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
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 (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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