

## 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

## Specification

|                        |                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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; 576p; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024;<br>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)<br>Digital: 1 x RCA (Yellow)                                                                                                                                                                                                                                 |
| Connectors             |                                                                                                                                                                                                                                                                                                          |
| Power                  | 1 x DC Jack                                                                                                                                                                                                                                                                                              |
| Power Consumption      | DC5V:2.125WBTU/h<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental          |                                                                                                                                                                                                                                                                                                          |
| Operating Temperature  | 0 - 40 $^{\circ}\text{C}$                                                                                                                                                                                                                                                                                |
| Storage Temperature    | -20 - 60 $^{\circ}\text{C}$                                                                                                                                                                                                                                                                              |
| 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



### **ATEN International Co., Ltd.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan

Phone: 886-2-8692-6789 Fax: 886-2-8692-6767

www.aten.com E-mail: marketing@aten.com



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