

## VC182

VGA/Audio to HDMI Converter with Scaler



The VC182 VGA to HDMI converter with Scaler offers an easy and convenient way of converting VGA input signals into digital video (HDMI). The VC182 carries a high-performing scaling engine that converts the video resolution to give you the best image quality.

You can operate the VC182 via the built-in On-Screen Display (OSD), which can be controlled through accessible front panel pushbuttons.



### Features

- Converts VGA signals to HDMI output
- Supports analog / digital audio
- Superior video quality – up to 1080p, 1920 x 1200
- 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 built in high-performance scaler function for best image quality
- 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
- Device configuration using a utility tool via mini USB port
- Supports 16:9 and 4:3 video aspect ratios
- Multiple selectable video resolutions

## Specifications

Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
Video	
Max. Pixel Clock	165 MHz
Max. Resolution	Up to 1080p
Scaler Resolutions	640x480; 800x600; 1024x768; 1280x1024; 1360x768; 1400x1050; 1600x1200; 1440x900; 1680x1050; 1920x1080; 1920x1200; 720p; 1080p
Audio	
Input	Analog: 1 x Mini Stereo Jack Female (Black) Digital: 1 x RCA (Yellow)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:1.56WBTU
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	0.31 kg ( 0.68 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
Video Input	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 $\Omega$
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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