

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.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



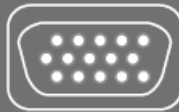
A/V Out

HDMI

Resolution

1920 x 1200, 1080P

OSD



Video In

HDB-15

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 Ω |
| 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/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 °C |
| Storage Temperature | -20 - 60 °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 Ω |
| 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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