



Analog To Your Digital DVI Display.



EXT-VGA-2-DVISP

Converts analog VGA video to digital DVI video with Aspect Ratio Control

The VGA to DVI Scaler PLUS connects traditional analog video graphic cards (VGA) to DVI compliant digital monitors. The VGA to DVI Scaler PLUS enables users to connect laptops or legacy PC computers equipped with HD-15 video connections to the new DVI (digital visual interface) video display format. The VGA to DVI Scaler PLUS will also work with component video sources such as DVD players and set top boxes.

Features:

- The input is analog PC or HDTV signal in the format of either RGBHV, YPbPr or YCbCr.
- The output is digital+analog PC or HDTV signal in the format of digital RGBHV bitstream plus analog RGBHV, known as DVH (Integrated digital and analog)
- The input resolution is automatically detected while the output resolution and refresh rate can be selected through the OSD menu via the front panel push buttons.
- 48MB frame memory for frame rate conversion.
- Output picture adjustment on brightness, contrast, color, RGB level and H-V position.
- DVI output enables an all digital rendering of video without the losses associated with an analog interface
- High performance Scaler that converts and scales analog RGB inputs to DVH (digital or analog) outputs
- Output resolution can be easily selected using the OSD
- Supports input computer resolutions up to 1920x1200 at 60Hz
- Supports output computer resolutions up to 1920x1200
- Supports HDTV resolution up to 1080p as input and output.
- Aspect ratio control for native and full view modes

How it works

Simply connect the supplied VGA (M-F) cable to the input side of the VGA to DVI Scaler PLUS. Then connect the DVI monitor or projector to the DVI output of the VGA to DVI Scaler Box. The converter generates the compatible analog to digital conversion signals to make the connection between the analog input and the digital output work. Navigation through the menu is easily done via the buttons in the front of the unit.

Features:

- Digital Video Amplifier Bandwidth: 165 MHz
- VGA Amplifier Bandwidth: 350 MHz
- Input Video Signal: RGBHV: 0.7 V_{pp}, 75 ohm H/V: 3 to 5 V_{pp} TTL, Y: 1 V_{pp} 75 ohm Pb/Cb, Pr/Cr: 0.7 V_{pp} 75 ohm
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVH 29 Pin Female
- VGA Connector: HD-15 Male
- Power Consumption: 10 Watts (max)
- Power Supply: 5V DC
- Dimensions: 5"W x 1"H x 3.5"D
- Shipping Weight: 2 lbs.

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