



## Your DVI source to your VGA display

### Optional Accessories



DVI Cables



VGA Cables

### DVI to VGA Conversion Box

#### Converts DVI / ADC Graphics for Connection to Analog SVGA Monitors

#### How It Works

Connect your analog monitor to the HD-15 female connector output of the DVI to VGA Conversion Box. Connect the DVI (M-M) cable between the DVI connector on your computer's graphic card and the DVI input of the DVI to VGA Conversion Box. The converter generates all the compatible digital to analog conversion signals to make the connection between the digital input and the analog output work.

**Note: The digital to analog converter in the DVI to VGA conversion box will handle any resolution, but the default EDID stored in the unit is 1600x1200@60hz. If you require a different EDID please select a resolution from the list below and a box will be programmed to your specifications.**

#### Features:

- Connects computers with DVI-D connectors to analog SVGA monitors or projectors
- Maintains up to 1920 x 1200 x 60hz resolution
- Supports DDWG standard for DVI monitors

#### Specifications:

- DVI Bandwidth: 1.6 Gbps
- VGA Bandwidth: 350 Mhz
- Input Video Signal: 1.2 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female (digital only)
- VGA Connector: type HD-15 female
- Power Supply: 5V DC
- Power Consumption: 5 watts (max)
- Dimensions: 2.75"W x 1"H x 4.5"D
- Shipping Weight: 5 lbs.

#### Package Includes:

- the DVI to VGA Conversion Box
- One 5v Power Supply
- One 6ft DVI Cable

#### Product Options:

- Choose EDID resolution
- 1600x1200@60hz
- 1024x768@60hz
- 1280x720@60hz (720p)
- 1280x1024@60hz
- 1366x768@60hz
- 1920x540@60hz (1080i)
- 1920x1080@60hz (1080p)
- 1920x1200@60hz



EXT-DVI-2-VGA

# Gefen

## DVI To VGA Converter

EXT-DVI-2-VGA

User Manual



[www.gefen.com](http://www.gefen.com)

## ASKING FOR ASSISTANCE

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### Technical Support:

Telephone (818) 772-9100  
(800) 545-6900

Fax (818) 772-9120

### Technical Support Hours:

8:00 AM to 5:00 PM Monday thru Friday.

### Write To:

Gefen Inc.  
c/o Customer Service  
20600 Nordhoff St  
Chatsworth, CA 91311

[www.gefen.com](http://www.gefen.com)  
[support@gefen.com](mailto:support@gefen.com)

### Notice

Gefen Inc. reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

**DVI To VGA Converter** is a trademark of Gefen Inc.

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# INTRODUCTION

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Congratulations on your purchase of the DVI To VGA Converter. Your complete satisfaction is very important to us.

## **Gefen**

Gefen delivers innovative, progressive computer and electronics add-on solutions that harness integration, extension, distribution and conversion technologies. Gefen's reliable, plug-and-play products supplement cross-platform computer systems, professional audio/video environments and HDTV systems of all sizes with hard-working solutions that are easy to implement and simple to operate.

## **The Gefen DVI To VGA Converter**

Simply put, the DVI To VGA Converter converts your digital DVI signal to analog VGA. No configuration is necessary. Just plug in the DVI source and VGA monitor into this device and it will take care of the rest. Now you can use your legacy monitor with today's newer digital video standard, DVI.

## **How It Works**

Connect your analog monitor to the HD-15 female connector output of the DVI to VGA Conversion Box. Connect the DVI (M-M) cable between the DVI connector on your computer's graphic card and the DVI input of the DVI to VGA Conversion Box. The converter generates all the compatible digital to analog conversion signals to make the connection between the digital input and the analog output work.

## **OPERATION NOTES**

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### **READ THESE NOTES BEFORE INSTALLING OR OPERATING THE DVI TO VGA CONVERTER**

- The digital to analog converter in the DVI to VGA conversion box will handle any resolution, but the default EDID stored in the unit is 1600x1200@60hz. If you did not select an EDID at the time of purchase and you require a different EDID, please contact Gefen Technical Support.

# FEATURES

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## Features

- Connects computers with DVI-D connectors to analog SVGA monitors or projectors
- Maintains up to 1920 x 1200 x 60hz resolution
- Supports DDWG standard for DVI monitors

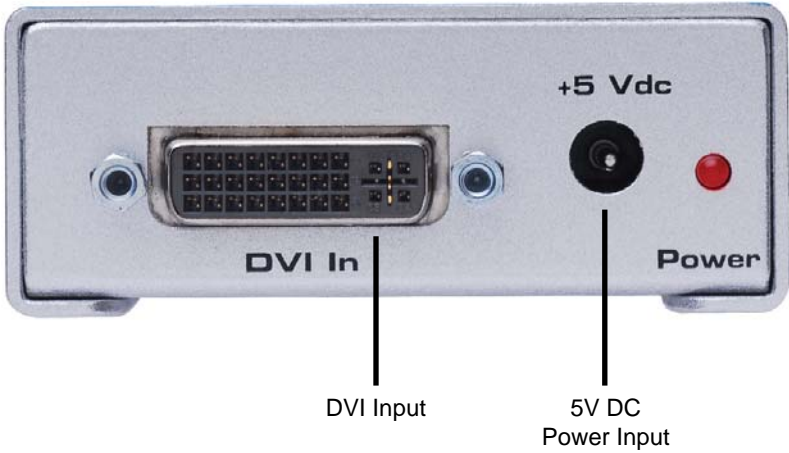
## Package Includes

- (1) DVI to VGA Conversion Box
- (1) 6 Foot DVI Cable (M-M)
- (1) 5V DC Power Supply
- (1) User's Manual

# PANEL LAYOUT

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## Front Panel



## Back Panel





# **CONNECTING AND OPERATING THE DVI TO VGA CONVERTER**

## **How to Connect the DVI To VGA Converter**

1. Connect the DVI source to the DVI To VGA Converter.
2. Connect the VGA monitor to the DVI To VGA Converter.
3. Connect the included 5V DC power adapter to the DVI To VGA Converter.
4. Power on the display first, then the source.

**NOTE:** The digital to analog converter in the DVI to VGA conversion box will handle any resolution, but the default EDID stored in the unit is 1600x1200@60hz. If you did not select an EDID at the time of purchase and you require a different EDID, please contact Gefen Technical Support.

## SPECIFICATIONS

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DVI Bandwidth .....	165 MHz
VGA Bandwidth .....	350 MHz
Input Video Signal .....	1.2 Volts p-p
Input DDC Signal .....	5 Volts p-p (TTL)
Maximum Single Link Range .....	1920 x 1200
DVI Connector Type .....	DVI-I
VGA Connector Type .....	HD-15
Power Consumption .....	2.5 Watts (max.)
Power Supply .....	5V DC
Dimensions .....	2.75"W x 1"H x 4.5"D
Shipping Weight .....	5 Lbs