

# DVI to Analog Converter

## Quick Installation Guide

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# LIMITED WARRANTY

Rose Electronics warrants the DVI to VGA converter to be in good working order for one year from the date of purchase from Rose Electronics or an authorized dealer. Should this product fail to be in good working order at any time during this one-year warranty period, Rose Electronics will, at its option, repair or replace the Unit as set forth below. Repair parts and replacement units will be either reconditioned or new. All replaced parts become the property of Rose Electronics. This limited warranty does not include service to repair damage to the Unit resulting from accident, disaster, abuse, or unauthorized modification of the Unit, including static discharge and power surges.

Limited Warranty service may be obtained by delivering this unit during the one-year warranty period to Rose Electronics or an authorized repair center providing a proof of purchase date. If this Unit is delivered by mail, you agree to insure the Unit or assume the risk of loss or damage in transit, to prepay shipping charges to the warranty service location, and to use the original shipping container or its equivalent. You must call for a return authorization number first. Under no circumstances will a unit be accepted without a return authorization number. Contact an authorized repair center or Rose Electronics for further information.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE, AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IF THIS PRODUCT IS NOT IN GOOD WORKING ORDER AS WARRANTED ABOVE, YOUR SOLE REMEDY SHALL BE REPLACEMENT OR REPAIR AS PROVIDED ABOVE. IN NO EVENT WILL ROSE ELECTRONICS BE LIABLE TO YOU FOR ANY DAMAGES INCLUDING ANY LOST PROFITS, LOST SAVINGS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR THE INABILITY TO USE SUCH PRODUCT, EVEN IF ROSE ELECTRONICS OR AN AUTHORIZED DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY OTHER PARTY.

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NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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## Disclaimer

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While every precaution has been taken in the preparation of this manual, the manufacturer assumes no responsibility for errors or omissions. Neither does the manufacturer assume any liability for damages resulting from the use of the information contained herein. The manufacturer reserves the right to change the specifications, functions, or circuitry of the product without notice.

The manufacturer cannot accept liability for damages due to misuse of the product or other circumstances outside the manufacturer's control. The manufacturer will not be responsible for any loss, damage, or injury arising directly or indirectly from the use of this product.

## System introduction

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Thank you for choosing Rose Electronics® DVI to analog (VGA) converter for your applications. The DVI to analog converter is a unique product that converts your PC's digital video output to an analog signal. This allows you to use your existing VGA monitor. The DVI to analog converter can be custom programmed to match your existing configuration (DVI and VGA resolutions needed). Custom programming the converter provides the best, clearest display.

## Features

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- Supports resolutions up to 1920 x 1200, 1080p
- 24 pin single link DVI input connector (female)
- 15 pin D-sub output connector (male)
- Compatible with DVI standards by DDWG
- HDCP Compliant
- Custom configurations available

## Installation

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Installing the DVI to analog converter is a very easy and simple process.

1. It is recommended that you power down the PC the converter will be connected to.
2. Connect the converter's DVI connector to the DVI source using a user supplied DVI cable.
3. Connect the VGA monitor cable to the HD15M connector on the DVI to analog converter
4. Optionally connect the +5VDC power adapter to the converter if adequate power is not available from the PC's DVI connector
5. Power on the monitor, then boot the computer.

## Specifications

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Part Number	CNV-DVIVGA/x x=pre-configured resolution x = 1 = 640 x 480 x = 2 = 800 x 600 x = 3 = 1024 x 768 x = 4 = 1280 x 1024 x = 5 = 1600 x 1200 x = 6 = 1080p (1920 x 1080)
Video Bandwidth	1.65 Gbps (Single link)
Resolution (Max)	1920 x 1200 (WUXGA), 1080p
Connectors	Input: DVI 24 pin female Output: 15 pin D-sub (male)
Length	13.8" (350mm)
Power Consumption	0.54W (Max)
Power Adapter	+5VDC (Optional)
Environment	
Operating temp.	32 to 122° F (0 to 50° C)
Storage Temp.	-4 to 158° F (-20 to 70° C)

## Precautions

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- Please do not dismantle the housing or modify the product in any way. This may result in electrical shock or burn.
- Keep the product dry and away from liquids
- Refer all servicing to Rose Electronics technical support.

## Service Information

### Maintenance and Repair

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This Unit does not contain any internal user-serviceable parts. In the event a Unit needs repair or maintenance, you must first obtain a Return Authorization (RA) number from Rose Electronics or an authorized repair center. This Return Authorization number must appear on the outside of the shipping container.

See Limited Warranty for more information.

When returning a Unit, it should be double-packed in the original container or equivalent, insured and shipped to:

Rose Electronics  
Attn: RA \_\_\_\_\_  
10707 Stancliff Road  
Houston, Texas 77099 USA

### Technical Support

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If you are experiencing problems, or need assistance in setting up, configuring or operating your DVI to analog converter, consult the appropriate sections of this manual. If, however, you require additional information or assistance, please contact the Rose Electronics Technical Support Department at:

Phone: (281) 933-7673  
E-Mail: [TechSupport@rose.com](mailto:TechSupport@rose.com)  
Web: [www.rose.com](http://www.rose.com)

Technical Support hours are from: 8:00 am to 6:00 pm CST (USA), Monday through Friday.

Please report any malfunctions in the operation of this Unit or any discrepancies in this manual to the Rose Electronics Technical Support Department.





## Server Management



## Solutions

10707 Stancliff Road  
Houston, Texas 77099

Phone: (281) 933-7673  
[WWW.ROSE.COM](http://WWW.ROSE.COM)