



## DVI to VGA Converter



Model #: C-DVI-VGA



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## Section 1: Getting Started

### 1.1 Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

#### What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
  - Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - Repair or attempted repair by anyone not authorized by us.
  - Any damage of the product due to shipment.
  - Removal or installation of the product.
  - Causes external to the product, such as electric power fluctuation or failure.
  - Use of supplies or parts not meeting our specifications.
  - Normal wear and tear.
  - Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

### 1.2 Safety Instructions

The Avenview C-DVI-VGA, DVI to VGA Converter has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the C-DVI-VGA should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not dismantle the housing or modify the module.
- Dismantling the housing or modifying the module may result in electrical shock or burn.
- Refer all servicing to qualified service personnel.
- Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Have the module checked by a qualified service engineer before using it again.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

## 1.3 Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

## 1.4 Introduction

Avenview C-DVI-VGA converts digital graphics signal of your PC to analog VGA signal, so that the PC, notebook or console systems with DVI output can be connected to display devices such as LCD monitor, projector or TV with VGA only input easily and conveniently.

- Input Connector: DVI Receptacle
- Output Connector: 15 pin D-Sub
- Compatible with DVI Standard by DDWG
- Supports up to 1920x1200 resolution

## C-DVI-VGA

### CABLE INDEX

- Output
- Input / Source
- S/PDIF
- Audio
- RS-232
- IR
- CAT-5 / CAT-6
- DVI Loop

SUPPORTS UP TO 1920X1200 RESOLUTION



## 1.5 Package Contents

Before you start the installation of the converter, please check the package contents.

- C-DVI-VGA x 1
- User's Manual x 1

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*Power Adapter is Optional. If source device does not supply enough power to C-DVI-VGA, you may need power Adapter.*

## 1.6 Before Installation

- Put the product in an even and stable location. If the product falls down or drops, it may cause an injury or malfunction.
- Don't place the product in too high temperature (over 50°C), too low temperature (under 0°C) or high humidity.
- Use the DC power adapter with correct specifications. If inappropriate power supply is used then it may cause a fire.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.



## 1.7 Installation

Follow these steps to connect Avenview C-DVI-VGA converter:

1. Connect the DVI connector to the PC, Laptop, Projector or Console System
2. Connect VGA connection to Monitor, TV or Projector

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*Please ensure that the display resolution set in PC is supported by the Monitor/TV.*

## Section 2: Specifications

Item	Description
Unit	C-DVI-VGA
Unit Description	DVI to VGA Converter
Input	DVI Digital Single Link (24 pin female)
Output	Analog VGA (15 pin D-sub male)
Frequency	165Mhz
Video Bandwidth	1.65Gbps (Single Link)
Power Adapter	5V 2A DC (Optional)
Power Consumption	0.54 Watt (max)
Supported Resolution and Distance	VGA, SVGA, XGA, SXGA, UXGA, WUXGA
Dimension	5.4" x 3.4" x 1"

### 2.1 Signal Pin Assignment

#### Input

Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	T.M.D.S. Data2-	9	T.M.D.S. Data1-	17	T.M.D.S. Data0-
2	T.M.D.S. Data2+	10	T.M.D.S. Data1+	18	T.M.D.S. Data0+
3	T.M.D.S. Data2 Shield	11	T.M.D.S. Data1 Shield	19	T.M.D.S. Data0 Shield
4	No Connect	12	No Connect	20	No Connect
5	No Connect	13	No Connect	21	No Connect
6	DDC Clock	14	+5V Power	22	T.M.D.S. Clock Shield
7	DDC Data	15	Ground (for +5V)	23	T.M.D.S. Clock+
8	No Connect	16	Hot Plug Detect	24	T.M.D.S. Clock-

#### Output

Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	RED	6	RGND	11	Unused
2	GREEN	7	GGND	12	Unused
3	BLUE	8	BGND	13	HSYNC
4	Unused	9	+5V	14	VSYNC
5	GND	10	SGND	15	Unused



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