



## DVI Extender over Single CAT5 Mini SET



Model #: DVI-C5-M-SET

**WUXGA**  
1920x1200



**HD**  
ready  
1080p

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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 DVI-C5-M-SET, DVI Extender over Single CAT5 Mini has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the DVI-C5-M-SET 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

The DVI-C5-M-SET, DVI over Single CAT5 Extender Mini extends your PC DVI transmission distance up to 25m (80ft) at 1024x768 and 15m (50 ft) at 1920x1200 resolutions. With DVI-C5-M-SET, users can transmit high quality digital video of PC applications through one cost effective CAT-5/5e LAN cables to the remote monitor or projector, instead of using short and expensive DVI cables. With embedded EDID inside the adapter, your PC will continue to send the digital video even when the monitor is not connected. The user can then disconnects the monitor, place it in a remote location and reconnect it without rebooting the operating system.

The DVI-C5-M-SET includes two units: transmitting and receiving units. The transmitting unit is connected to your PC DVI output and the receiving unit is connected to the monitor. While successfully connected, the two LED lights on the RJ-45 connector will blink. The transmission distance between the sending (transmitter) and receiving units (receiver) can be up to 25m (80ft) at XGA (1024x768) and 15m (50ft). With compact size, DVI-C5-M-SET is the most cost effective choice for bringing your impressive digital video to the remote display.

- DVI 1.1 compliant
- Extends the transmission length from the sources up to 25m (80ft) at 1024x768 and 15m (50ft) at 1920x1200
- Units can used as Transmitter or Receiver
- Receiving unit can learn EDID information for DVI enabled display device
- Direct plug-in at Transmitter and Receiver

## 1.5 Package Contents

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

- DVI-C5-M-S x 1
- DVI-C5-M-R x 1
- User's Manual x 1

## 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.

## Section 2: Specifications

Item	Description	
<b>Units</b>	DVI-C5-M-S	DVI-C5-M-R
<b>Unit Description</b>	DVI Extender Transmitter	DVI Extender Receiver
<b>DVI Compliance</b>	1.1	
<b>Video Bandwidth</b>	Single Link 165 MHz (4.95Gbps)	
<b>Resolution and Distance</b>	<b>1920x1200 @ 60Hz:</b> ~ 15meter (80feet) (CAT5e) <b>1024x768:</b> ~ 25meter (80feet) (CAT5e)	
<b>Audio Support</b>	No	
<b>Input TMDS Signal</b>	1.2 Volts (peak-to-peak)	
<b>Input DDC Signal</b>	5 Volts (peak-to-peak, TTL)	
<b>Input</b>	1 x DVI	1 x RJ45
<b>Output</b>	1 x RJ45	1 x DVI
<b>DVI Connector</b>	DVI-I (29-pin male digital only)	
<b>RJ45 Connector</b>	WE/SS 8P8C with 2 LED indicators	
<b>Dimensions (L x W x H)</b>	2" x 1.6" x 0.8"	2" x 1.6" x 0.8"
<b>Power Supply</b>	Not Required	
<b>Environmental</b>		
<b>Operating Temperature</b>	32° ~ 104°F (0° to 40°C)	
<b>Storage Temperature</b>	-4° ~ 140°F (-20° ~ 60°C)	
<b>Relative Humidity</b>	20~90% RH (no condensation)	



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