

# VGA INTERFACE MODEL VI-1002



Innovators in Audio  
Video Integrations

**Creative Electronics**  
# 415, Sector 15-A  
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## We also Manufacture:

1. Audio Follow Video QXGA PC Switcher (RS232 Controlled)
2. RGB to YUV Converter
3. VGA Dist. Amp. (1 input 2 output)
4. VGA Interface
5. VGA Dist. Amp. (1 input 4 output)
6. 4 Way PC Dist. Amp. with Stereo LR Audio
7. VGA Dist. Amp. (1 input 2 output)
8. Feed Back Logic Controller
9. Audio Video Dist. Amp. (1input 4 output)
10. Audio Video Dist. Amp. (1input 2 output)
11. Projection Screen Interface Model SI-2002 ( With Rack Power)
12. Dual Function Screen Interface (For Projector Lift / Screen Drapes)
13. Screen Interface for Screen and Switching 3 A V Devices.



**C**reative's VI 1002 is a analog computer-video interface with a female 15-pin HD input connector and a 15-pin HD buffered local monitor output. The VI 1002 has a 15-150 kHz scanning range, 350 MHz RGB video bandwidth, and is compatible with nearly every computer / Work Stations and video signal type, including VGA – UXGA. The VI 1002 also features Auto ID bit Selection, ensuring that computers requiring local monitors to operate will do so in the event that one is not attached. For PCs, the VI 1002 connectivity is on 15-pin HD male to male cable.

## Selectable Output Sync

**VI-1002** is compatible for both RGBHV (5 in BNC female connector) and Composite Sync (RGBH) which can be switched manually with a sleek toggle Switch On front PANEL. This also features advanced sync processing circuitry for enhanced signal coming from Computer / Laptop and WORK STATIONS. VI 1002 can also be connected to Scalars (video to VGA converters)

**VI-1002** can sense the verity of sync levels like RGBHV, RGBs or RGsB automatically which doesn't need to be selected by any DIP switch combination. In addition to, no DIP switch combination is re-

quired when there is change of resolution from 640X480 onwards. VI 1002 adjusts itself to active resolution. Auto ID bit selection is also provided for buffered and main output connectivity.

## Key Features

- 350 MHz RGB video bandwidth
- Resolution independent
- Hi-current outputs for long cable runs
- Compatible with any type of display device Transparent signal quality
- Rigid metal enclosure
- Supports any resolution or frame rate
- Internal 240VAC, 50/60 Hz, Power Supply
- **VI-1002** guarantees the proper driver impedance.

## Applications

- Institutional Organisations
- Computer Centre
- Video Walls
- Auditoriums
- Home Theatre
- Rental Applications
- Board Room
- Conference Halls
- Airport / Railway Stations

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## Technical Specifications

### RGB Video

<b>Gain</b>	Unity
<b>Bandwidth</b>	350 MHz (-3dB)

### Video Input

<b>Number / Signal Type</b>	1 / RGB (computer video)
<b>Connectors</b>	1 female 15-pin HD
<b>Impedance</b>	75 ohms
<b>Horizontal Frequency</b>	15 kHz to 145 kHz
<b>Vertical Frequency</b>	30 Hz to 170 Hz

### Video Output

<b>Number / Signal Type</b>	1 RGB HV
<b>Number / Signal Type</b>	1 RGB Video on 15 Pin HD Connector for Monitor Out
<b>Connectors</b>	5 female BNC
<b>Nominal Level</b>	0.7 Vp-p for RGB
<b>Impedance</b>	75 ohms

### Sync

<b>Signal Compatibility</b>	RGBHV
<b>Input Level</b>	1V to 5 Vp-p
<b>Output Level</b>	TTL
<b>Input Impedance</b>	200 ohms
<b>Output Impedance</b>	47 ohms
<b>Output Sync Polarity</b>	Auto-compensates for the input sync polarity so the output sync will be of proper level and polarity regardless of input sync levels or polarity.
<b>Composite Sync</b>	Provision Provided for Composite Sync (RGBH)

## General

<b>Power</b>	220v AC @ 50-60Hz
<b>Cabinet Type</b>	Metal / (Aluminum as per requirement)
<b>Enclosure Dimensions</b>	<b>H</b> 2.5" x <b>W</b> 8" x <b>D</b> 6"
<b>Product Weight</b>	
<b>Shipping Weight</b>	
<b>Warranty</b>	1 year with parts and labor

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