What's in the Box?

PART NO.	QTY	DESCRIPTION
V2V-C2V01	1	Composite to VGA/HDMI Converter
PS5VDC2A	1	5 Volt 2 Amp Power Supply

Technical Specifications

COMPOSITE VIDEO	
Input Format	NTSC/PAL/SECAM
Output Formats	NTSC/PAL/SECAM
Resolution	800 x 600, 1024 x 768, up to 1280 x 1024@60Hz
Input Interface	(3) RCA Female
Output Interface	(3) RCA Female
VGA VIDEO	
Format	RGBHV, RGsB, YUV, Y/C, CVBS
Resolution	Up to 1920 x 1200 VGA, SVGA, XGA, SXGA, UXGA, WUXGA
Output Interface (RX)	(1) HD-15 Female
HDMI VIDEO	
Format	HDMI 1.3b [Deep Color, xvYcc color space supported]
DVI Compliance	Single-link DVI-D 1.1
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	480i,480p,720i,720p,1080i,1080p
Output Interface	(1) HDMI[7.1ch audio & video]
Connector	Type A[19-pin female]
Maximum Distance	25 ft.
AUDIO	
Signal Type	Stereo Unbalanced
Ouput Interface	3.5 mm Jack Socket (Female)
OTHER	
Power	External 100-240 VAC/5VDC2A @10W
Dimensions	5.75 in W x 1.25 in H x 3.25 in D
Weight	1 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

For more information, visit www.smartavi.com.

Rack Mountable Option

Our SmartRack is the perfect solution to allow virtually all SmartAVI devices to be custom mounted in a standard 19" server rack. The SmartRack is fully adjustable and can secure/organize several devices.

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V2V FAMILY

Installation Manual

V2V-C2V01

Composite to VGA/HDMI Converter

www.smartavi.com

Introduction

The V2V-C2V01 Converts Composite Video to VGA with HDMI Output and Stereo Audio. The unit also has composite outputs for other composite devices.
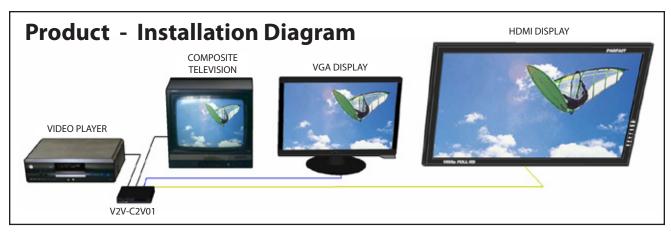
Features

- Specially designed for computer VGA/ HDMI monitors and LCD color monitors
- Composite Video Input via RCA
- Video(CVBS), VGA ,HDMI Output
- Supports NTSC, PAL video system
- Input video system 50 to 60Hz frame rate detection (NTSC/PAL)
- Supports VGA, HDMI resolutions: 800x600, 1024x768, 1280x720, 1920x1080@60Hz
- Supports HDMI resolutions: 720P, 1080I, 1080P
- Built in stereo audio input and output
- Any adjustment will be auto memory
- Frequency output: 60Hz, 75Hz, 85Hz
- On screen display function: Resolution, Brightness, Contrast, Saturation, Hue

Applications

- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio

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Product - Installation Diagram

V2V-C2V-01 Front

V2V-C2V-01 Rear

Installation

1. Connect a composite input device.
2. Connect a composite display to the composite output on the V2V-C2V01.
3. Connect a VGA display to the VGA output on the V2V-C2V01.
4. Connect a HDMI display to the HDMI output on the V2V-C2V01.
5. Connect the power cord to the V2V-C2V01.
6. Power on the input device and the displays.

Button Function

1. **MENU**: OSD ON/OFF
2. **UP**: Select up or Increase setting value
3. **DOWN**: Select down or Increase setting value
4. **SELECT**: Select or setting.

Using the On-screen Display

To display the OSD, press the MENU button.
Resolution

Press SELECT button to setup resolution: 800x600,1024x768, 1280x720,1920x1080

Brightness
Press UP or DOWN button to decrease/increase from 0 ~100

Contrast
Press UP or DOWN button to decrease/increase from 0 ~100

Saturation
Press UP or DOWN button to decrease/increase from 0 ~100

Hue
Press UP or DOWN button to decrease/increase from 0 ~100

Factory Default Settings:
Resolution 800 x 600
Brightness 50
Contrast 50
Saturation 50
Hue 50

NOTE:
1. The OSD settings will be automatically saved after setup and the OSD will close after 10 seconds.
2. The OSD only displays on the VGA and HDMI outputs.
3. To reset to factory defaults: Unplug the power adapter, then hold the MENU button while you plug the power adapter in. Hold until the LED is blinking, then release the MENU button.