

COMPOSITE
TO
VGA

C2V-01

V2V FAMILY



Touchboards

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Composite to VGA/HDMI Converter

Converts Composite Video to VGA with HDMI Output

The V2V-C2V-01 enables you to connect old players and other AV equipment to the newer HDMI format. It has the option to output HDMI video or VGA video with audio.

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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SPECIFICATIONS

APPLICATION DIAGRAM



V2V-C2V-01 Front



V2V-C2V-01 Rear



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	(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
Output Interface	(1) 3.5 mm Stereo Audio

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%
ORDERING INFORMATION	
Part No.	Description
V2V-C2V-01S	Composite to VGA Converter with HDMI. Includes: [V2V-CV201, (PS5VDC2A)]

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Clients of SmartAVI include:



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