

HDMI  
TO  
Component/  
VGA

# H2V-01 V2V FAMILY



## HDMI to Component/VGA Converter

Converts HDMI to Component Video/VGA with Stereo Audio/SPDIF

The V2V-H2V-01 enables you to connect old monitors and other AV equipment to the newer HDMI format. It has the option to output component video or VGA video with audio.

### FEATURES

- Converts One HDMI Input Signal to One YPbPr+SPDIF or VGA+SPDIF Signal
- Supports Video input : HDMI 1.2a
- Supports Audio output : SPDIF(Optical)+ R/L Analog
- Supports Video Output : Supports up to WUXGA, 480i, 480p, 720p and 1080i(50/60Hz)
- HDCP 1.2 Protocol Compliant
- No loss of quality
- LED Indicators
- Easy to install within minutes

### APPLICATIONS

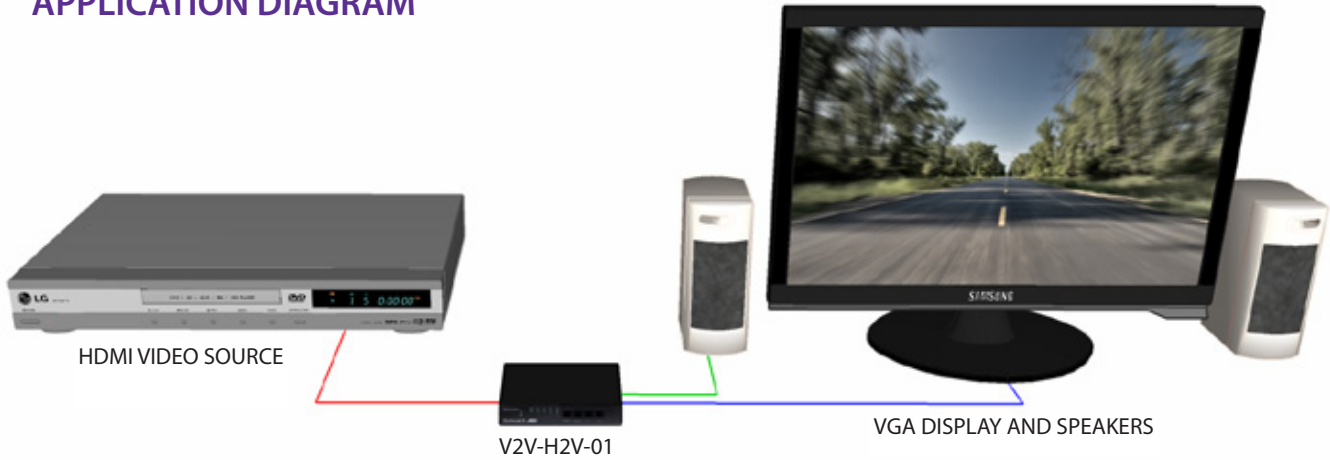
- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio

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# SPECIFICATIONS

## APPLICATION DIAGRAM



### HDMI VIDEO INPUT

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
Input Interface	(1) HDMI[7.1ch audio & video]
Connector	Type A[19-pin female]
Maximum Distance	25 ft.

### VGA VIDEO OUTPUT

Format	RGBHV, RGB, YUV, Y/C, CVBS
Resolution	Up to 1920 x 1200 VGA, SVGA, XGA, SXGA, UXGA, WUXGA
Output Interface	(1) HD-15 Female
Maximum Distance	30 ft.

### COMPONENT VIDEO OUTPUT

Format	(RCA) Y (75Ω, 1.0Vp-p), PbPr (75Ω, 0.7Vp-p)
Resolution	480i, 480p, 576i, 576p, 720p, 1080i (24/25/30Hz)

### RCA AUDIO OUTPUT

Frequency Response	20 Hz to 20 KHz
Impedance	600 ohm
Nominal Level	0-1.0 V
Common Mode	Rejection at 60dB
Output Interface	Right/Left RCA Female

### S/PDIF AUDIO OUTPUT

Output Level	0.5 to 0.6 V peak to peak
Min Input level	600 ohm
Nominal Level	0.2 V
Maximum Distance	30 ft.
Output Interface	TOSLINK Female

### OTHER

Power	External 100-240 VAC/5VDC2A @10W
Dimensions	7.25 in W x 1 in H x 2.5 in D
Weight	0.83 lbs
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-H2V-01S	HDMI to Component/VGA and Stereo Audio Converter. Includes: [V2V-H2V-01, (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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