

HD-SDI/SDI  
TO  
HDMI/AUDIO

# SDHD

# V2V FAMILY



## HD-SDI/SDI to HDMI and Audio Converter

Converts HD-SDI/SDI Video to HDMI and 2-Channel RCA Audio with Looping HD-SDI/SDI Output

The V2V-SDHD enables you to connect your high-definition HD-SDI or SDI devices to HDMI displays or TVs with embedded HDMI audio. It also features 2-channel RCA audio output for monitoring or connection to external speakers. Often the display or TV will have poor sound or no sound at all, requiring the additional audio output. The V2V-SDHD also features a looping HD-SDI/SDI connection that allows you to daisy chain the signal to other outputs. This means that you can have multiple HDMI displays playing the HD-SDI/SDI signal.

### FEATURES

- Converts HD-SDI/SDI input signal to one HDMI 1.1 signal with embedded audio
- Also has 2-channel RCA Audio output
- Looping HD-SDI/SDI allows for daisy-chaining additional equipment
- HDMI output : Supports up to 1080p/60HZ
- HDCP 1.3b protocol compliant
- Audio formats supported : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Digital with no loss of quality
- Installs in minutes

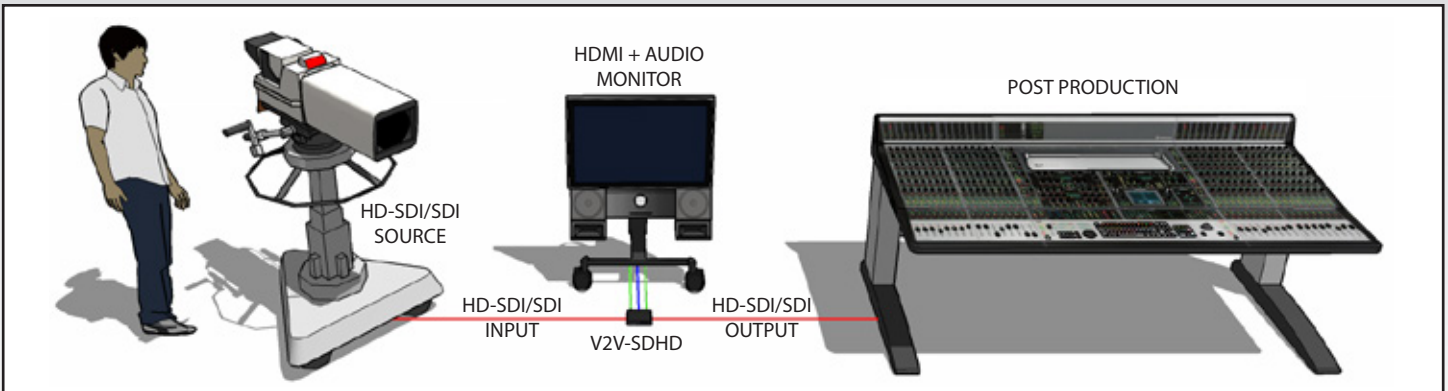
### APPLICATIONS

- Home Theater
- Presentation Rooms
- Conference Center Systems
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio

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# SPECIFICATIONS



V2V-SDHD Front



V2V-SDHD Rear



HD-SDI/SDI VIDEO	
Format	SMPTE-259/292/296 Compliant
Input Interface	BNC
Resolution	525i, 625i, 720p 50/59.94/60, 1080i 50/59.94/60
Output Interface	BNC Loopback Equalized
AUDIO	
Signal Type	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Output Interface	2-Channel RCA R/L Analog
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.

OTHER	
Power	External 100-240 VAC/5VDC2A @10W
Dimensions	5 in W x 1 in H x 3.375 in D
Weight	0.5 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-SDHDS	HD-SDI/SDI to HDMI and Audio Converter. Includes: [V2V-SDHD, (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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