

What's in the Box?

PART NO.	QTY	DESCRIPTION
V2V-SDHD	1	HD-SDI/SDI to HDMI and Audio Converter.
PS5VDC2A	1	5 Volt 2 Amp Power Supply

Technical Specifications

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 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

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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.

Smart-AVI
SMART AUDIO VIDEO INNOVATION

V2V FAMILY

Installation Manual

V2V-SDHD



HD-SDI/SDI to HDMI and Audio Converter



Smart-AVI
SMART AUDIO VIDEO INNOVATION

SmartAVI, Inc. / Twitter: smartavi
11651 Vanowen St. North Hollywood, CA 91605
Tel: (818) 503-6200 Fax: (818) 503-6208
<http://www.SmartAVI.com>

www.smartavi.com

Introduction

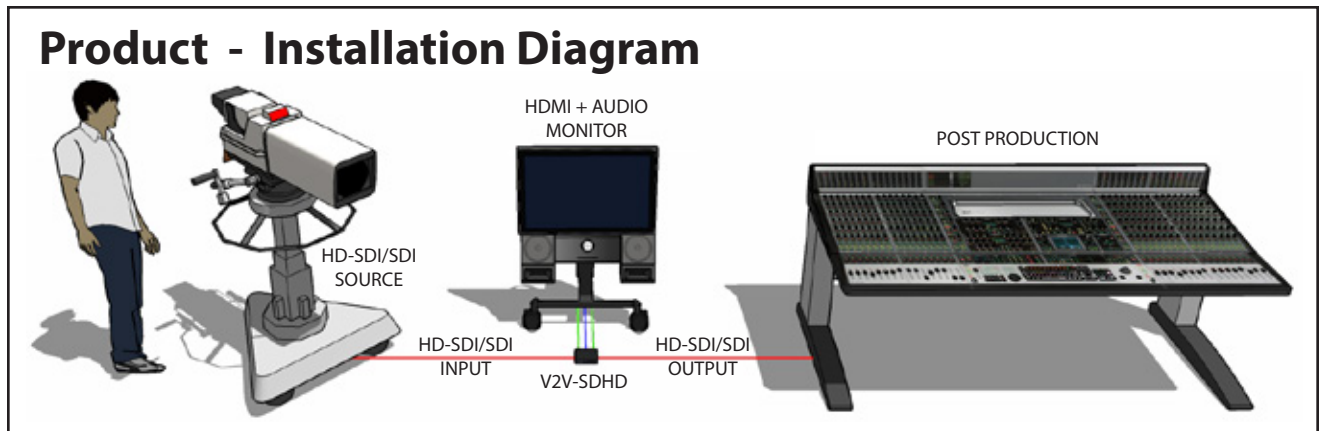
The V2V-SDHD enables you to connect your high-definition HD-SDI or SDI devices to HDMI displays or TVs with embedded HDMI audio. It also features 2-channel RCA audio output for monitoring or connection to external speakers. Often the display or TV will have poor sound or no sound at all, requiring the 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



Installation

1. Connect an HD-SDI/SDI video input device to the HD-SDI/SDI IN port on the rear of the V2V-SDHD.
2. Connect an HDMI display to the HDMI OUTPUT port on the front of the V2V-SDHD.
3. Optionally connect speakers or a stereo receiver with the AUDIO OUT ports on the V2V-SDHD.
4. Optionally connect additional HD-SDI/SDI output devices to the HD-SDI/SDI OUT port on the V2V-SDHD.
5. Connect the power cord to the V2V-SDHD.
6. Power on the input device and the display/speakers.

V2V-SDHD Front



V2V-SDHD Rear

