

DVI/SPDIF  
TO  
HDMI

# D2H-01 V2V FAMILY



## DVI-D and Audio to HDMI Converter

Converts DVI-D Video with S/PDIF Stereo Digital Audio to HDMI

### FEATURES

- Converts One DVI+ SPDIF input signal to one HDMI 1.1 signal
- Supports DVI-D input
- Supports audio SPDIF input
- HDMI output : Supports up to 1080p/60HZ, same format as input
- HDCP 1.1 protocol compliant
- Supports CEC
- Audio formats supported : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- LED indication
- Supports output up to 60 feet over AWG26 cable
- No loss of quality
- Installs in minutes

### APPLICATIONS

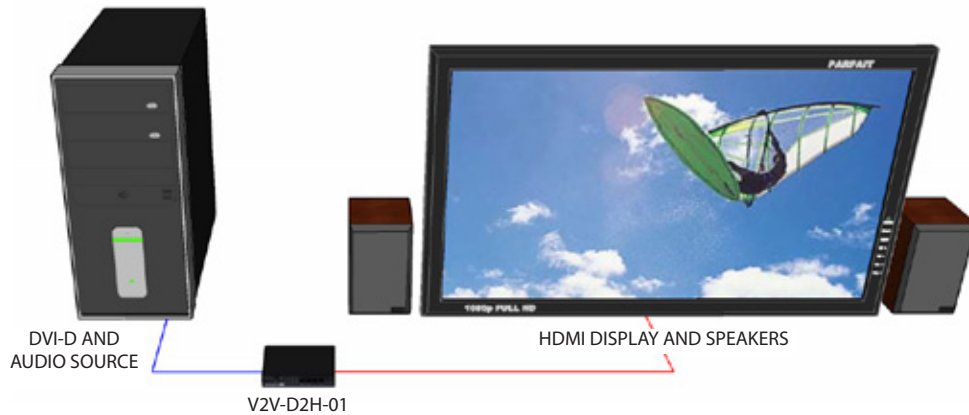
- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio

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# SPECIFICATIONS

## APPLICATION DIAGRAM



V2V-D2H-01 Front



V2V-D2H-01 Rear



### DVI-D VIDEO

Format	DVI-D Single Line
Maximum Bandwidth	5.1Gbps
Input Interface	DVI-D 29-pin female
Resolution	Up to 1920 x 1200 @60Hz
DDC	5 volts p-p(TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.

### AUDIO

Signal Type	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Output Interface	(1) SPDIF Optical (1) SPDIF COAX

### 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	3.5 in W x 1.25 in H x 2.75 in D
Weight	0.35 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-D2H-01S	DVI-D and Audio to HDMI Converter. Includes: [V2V-D2H-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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