

# What's in the Box?

PART NO.	QTY	DESCRIPTION
V2V-D2H-01	1	DVI-D and Audio to HDMI Converter
PS5VDC2A	1	5 Volt 2 Amp Power Supply

# Technical Specifications

DVI-D VIDEO	
Format	DVI-D Single Line
Maximum Pixel Clock	165 MHz
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.
SPDIF/COAX 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 2.75 in H x 1.25 in D
Weight	0.35 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

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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# V2V FAMILY

## Installation Manual

# V2V-D2H-01



**DVI-D and Digital Audio to HDMI Converter**



[www.smartavi.com](http://www.smartavi.com)

## Introduction

The V2V-D2H-01 Converts DVI-D Video with S/PDIF Stereo Digital Audio to HDMI.

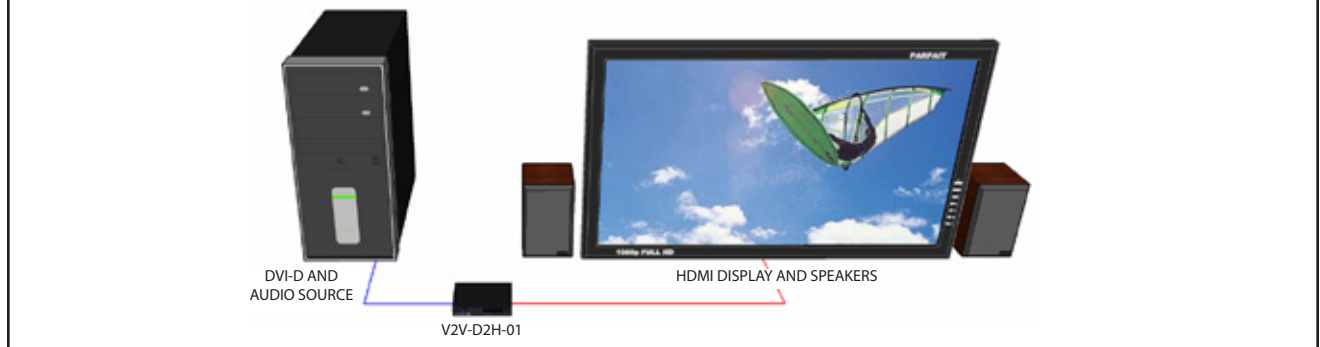
## Features

- 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

- Home Theater
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studios

## **Product - Installation Diagram**



## **Installation**

1. Connect a DVI input device to the DVI input on the V2V-D2H-01.
2. Connect a digital audio input device.
3. Connect a digital audio output device.
4. Connect an HDMI display to the HDMI output on the V2V-D2H-01.
5. Connect the power cord to the V2V-D2H-01.
6. Power on the input devices and the display.

V2V-D2H-01 Front



V2V-D2H-01 Rear

