

CVH-01 V2

VGA TO HDMI CONVERTER

Part of our
V2V
series



VGA + Audio to HDMI Converter

Smart-AVI

SMART AUDIO VIDEO INNOVATION

NOTICE:

The information contained in this document is subject to change without notice. Smart-AVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for any particular purpose. Smart-AVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material. No part of this document may be photocopied, reproduced or translated into another language without prior written consent from Smart-AVI.



Designed and Manufactured in the USA

www.smartavi.com

DETAILS

The CVH-01 V2 converts analog VGA Video and audio to HDMI. The CVH-01 V2 is the perfect solution for Home Theater, PC networking, conference center systems, point of sale, camera surveillance and much more. Setup and installation is simple to follow and requires no additional software to complete. The CVH-01 V2 connects old systems to newer HDMI displays, converts analog video signals to digital HDMI signals; it can even be used as VGA to DVI converter!



INSTALLATION:

1. Connect a VGA video and audio input device.
2. Connect an HDMI display to the HDMI output on the CVH-01 V2.
3. Connect the power cord to the CVH-01 V2.
4. Power on the input, the device and the display.

APPLICATION DIAGRAM



SPECIFICATIONS:



Front



Back

VGA VIDEO INPUT	
Format	VGA
Resolution	480i, 480p, 576i, 576p, 720p, 1080i, 1080p (24/25/30Hz)
DDC	via AUX
Input Interface	HD-15 Female
Input Cable Length	Up to 25 ft.
Output Cable Length	Up to 25 ft.
H Frequency Range	30-95KHz
V Frequency Ranger	50-180KHz

HDMI VIDEO OUTPUT	
Format	HDMI 1.3 Supported
DVI Compliance	Single-link DVI-D 1.1
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz (10.2 Gbps)
Resolution	480i, 480p, 720i, 720p, 1080i, 1080p (24/25/30Hz)
Output Interface	(1) HDMI (7.1 Channel audio and video)
Connector	Type A (19-Pin Female)
Maximum Distance	25 ft.

AUDIO	
Signal Type	DTS-HD/Dolby-TrueHD/LPCM7.1/ DTS/Dolby-AC3/DSD
Input Interface	(1) 3.5mm Audio In (Female)
OTHER	
Power	Ext. 100-240 VAC/5VDC4A @10W
Dimensions	2.5" W x 7/8" H x 2 1/4" D
Weight	0.5lb per V2 unit
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%



WHAT'S IN THE BOX?

MODEL NUMBER	DESCRIPTION
V2V-CVH-01-V2-S	VGA VIDEO and Audio to HDMI Converter; Includes: [V2V-CVH-01, (PS5VDC2A)]

LIMITED WARRANTY STATEMENT

A. Extent of Limited Warranty

Smart-AVI Technologies, Inc. warrants to the end-user customers that the Smart-AVI product specified above will be free from defects in materials and workmanship for the duration of 1 year, which duration begins on the date of purchase by the customer. Customer is responsible for maintaining proof of date of purchase. Smart-AVI limited warranty covers only those defects which arise as a result of normal use of the product, and do not apply to any:

- a. Improper or inadequate maintenance or modifications*
- b. Operations outside product specifications*
- c. Mechanical abuse and exposure to severe conditions*

If Smart-AVI receives, during applicable warranty period, a notice of defect, Smart-AVI will at its discretion replace or repair defective product. If Smart-AVI is unable to replace or repair defective product covered by the Smart-AVI warranty within reasonable period of time, Smart-AVI shall refund the cost of the product. Smart-AVI shall have no obligation to repair, replace or refund unit until customer returns defective product to Smart-AVI. Any replacement product could be new or like new, provided that it has functionality at least equal to that of the product being replaced. Smart-AVI limited warranty is valid in any country where the covered product is distributed by Smart-AVI.

B. Limitations of Warranty

To the extent allowed by local law, neither Smart-AVI nor its third party suppliers make any other warranty or condition of any kind whether expressed or implied with respect to the Smart-AVI product, and specifically disclaim implied warranties or conditions of merchantability, satisfactory quality, and fitness for a particular purpose.

C. Limitations of Liability

To the extent allowed by local law the remedies provided in this warranty statement are the customers sole and exclusive remedies. To the extent allowed by local law, except for the obligations specifically set forth in this warranty statement, in no event will Smart-AVI or its third party suppliers be liable for direct, indirect, special, incidental, or consequential damages whether based on contract, tort or any other legal theory and whether advised of the possibility of such damages.

D. Local Law

To the extent that this warranty statement is inconsistent with local law, this warranty statement shall be considered modified to be consistent with the law.

www.smartavi.com

Tel: (800) AVI-2131 • (702) 800-0005
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032

Smart-AVI