TECHNICAL SPECIFICATIONS

INPUT	
Input Video Resolution	YPbPr: 1080p@50/60Hz, 1080i@50/60Hz, 720p@50/60Hz, 576i/p, 480i/p
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
OUTPUT	
Video	HDMI Set 720p or 1080p output format with integrated audio, VGA
Audio	Stereo Audio 3.5mm jack socket
OPERATING FREQUENCY	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gbps/165MHz
OTHER	
Power	Switching Power Supply 110/220v 5VDC2A
Operating Temperature Range	0 to +70°C (32 to + 158°F)
Operating Humidity Range	5 to 95 % RH (no condensation)
Dimensions	4.3 in. W x 1.1 in. H x 3.1 in. D

WHAT'S IN THE BOX?

PART NO.	QTY	DESCRIPTION
V2V-AV2HV-S	1	HD Video Converter with Stereo Audio
PS5VDC2A	1	Power Supply

Smart-AVI
SMART AUDIO VIDEO INNOVATION

NOTICE

Many industry-leading companies have recognized the innovation and power of SmartAVI's technologies and have successfully implemented them within their systems. Users of SmartAVI technology include:

800.AVI.2131
Tel: (818) 503-6200 Fax: (818) 503-6208
11651 Vanowen St. North Hollywood, CA 91605

SmartAVI.com

Designed and Manufactured in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

V2V-AV2HV

HD Video Converter with Stereo Audio

YPBPR, CVBS, S-Video and R/L Audio to HDMI or VGA and Stereo Audio Converter

USER MANUAL

INTRODUCTION

The V2V-AV2HV connects to older devices via HDMI, converting video for optimized performance and output picture quality.
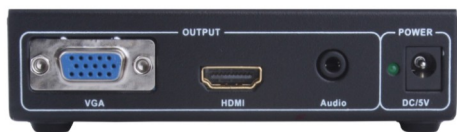
The V2V-AV2HV is easy to use and enhances audio-visual content automatically, so set-up is simple and hassle-free.

With a wide range of device connectivity and refined media output, the V2V-AV2HV is the best way to make the most of aging AV equipment.

FEATURES

- Installs in seconds, no need of setting.
- Auto detect the input resolution without setting.
- Convert YPbPr video and R/L audio into complete HDMI and VGA+stereo audio.
- Supports CVBS video and R/L audio into complete HDMI and VGA+stereo audio.
- Convert S-video video and R/L audio into complete HDMI and VGA+stereo audio.
- Supports highest video resolution up to 1080p
- 165MHz/1.65Gbps per channel (6.75Gbps all channel) bandwidth.
- 8bit per channel (24bit all channel) deep color.
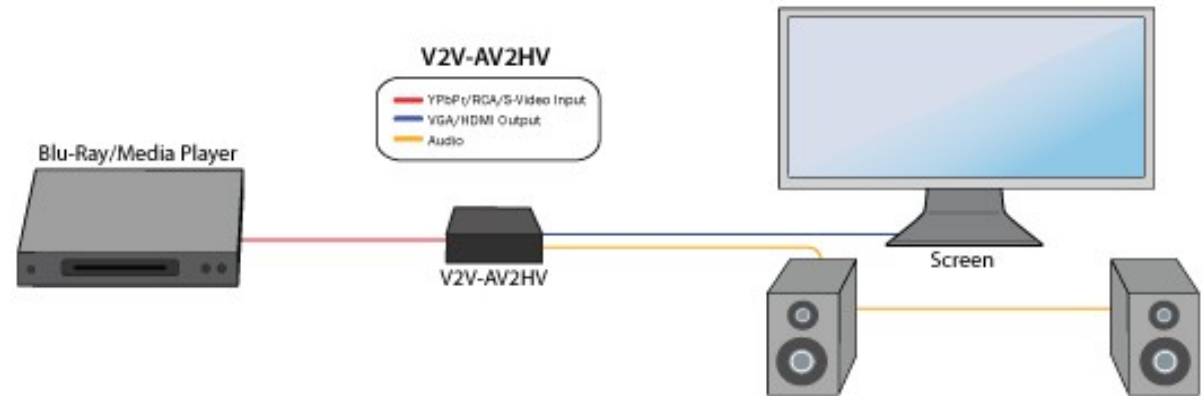- Supports OSD(On Screen Display) menu operation.

V2V-AV2HV Front

V2V-AV2HV Back

INSTALLATION DIAGRAM

CONNECTING THE V2V-AV2HV

1. Power off all devices
2. Connect the V2V-AV2HV to a display device via HDMI
3. Connect the VGA input to video source
4. Connect 3.5 Audio jack to the audio output source
5. Connect the component video green "Pr," blue "Pb," and red to the "Y" RCA jacks and the component source audio to L and R.
6. Connect the composite video Yellow jack, to the composite input, and the corresponding audio jacks R and L into Audio-R and Audio-L respectively.
7. Connect the power supply to the DC 5v
8. Turn on the power to each external device
9. Turn on the power to the V2V by toggling the power switch
10. Use the Remote control, or front control panel to change sources.
11. Use OSD for advanced control and menu operation

SUPPORTED FILE TYPES

Video: MPEG, H.264, RM/RMVB
Audio: MPEG
Images: BMP, JPEG, PNG

APPLICATIONS

- Courtrooms
- Schools
- Conference Center Systems
- Universities
- Hospitals
- Control Room Systems
- Broadcasting Facilities
- Recording Studios