

## TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI 4K Converter and Scaler
Maximum Pixel Clock	165 MHz
Input Interface	(1) HDMI (Type A female connector)
Output Interface	(2) HDMI (Type A female connector); (1) TOSLINK, Spdif audio output; (1) 3.5mm jacket, L/R audio output
Resolution	640 x 480@60Hz, 800x600@60Hz, 1024x768@ 60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x900@60Hz,
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.
AUDIO	
Output	(1) 3.5 mm Stereo Audio
POWER	
Power Requirements	12V DC, 2A power adapter with center-pin positive polarity
ENVIRONMENT	
Operating Temp	32° to 104° F (0° to 40° C)
Storage Temp	-4° to 140° F (-20° to 60° C)
Humidity	0-80% RH, non-condensing
CONTROL	
Front Panel	Push Buttons with LED indicators

## WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
V2V-SC4KUHD-S	1	HDMI 4K Converter and Scaler.
PS5VD3A	1	12V DC, 2A power adapter with center-pin positive polarity.
	1	Quick Start Guide

## 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 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, Inc.



**Toll Free: (800) AVI-2123**

Phone: (702) 800-0005

2455 W. Cheyenne Ave, Suite 112  
North Las Vegas, NV 89032

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

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# V2V-SC4KUHD

HDMI 4K Converter  
and Scaler



HDMI 4K CONVERTER  
AND SCALER

Quick Start Guide

A full Manual can be downloaded from  
[www.smartavi.com/V2V-SC4KUHD/](http://www.smartavi.com/V2V-SC4KUHD/)

## SYSTEM CONTROL

LEDs	Name	Description
1	IN	<b>ON:</b> An HDMI source is connected to the splitter
		<b>OFF:</b> No HDMI source is connected to the splitter
2	OUT 1	<b>ON:</b> Display is connected to HDMI output port 1
		<b>OFF:</b> No display is connected to HDMI output port 1
3	OUT 2	<b>ON:</b> Display is connected to HDMI output port 2
		<b>OFF:</b> No display is connected to HDMI output port 2
4	4K	<b>ON:</b> 4K signal input
		<b>OFF:</b> None 4K signal input
5	HDCP	<b>ON:</b> There is HDCP encryption with input signal
		<b>OFF:</b> None HDCP encryption with input signal
6	POWER	<b>ON:</b> The splitter is power on
		<b>OFF:</b> The splitter is power off

EDID Switch		Resolution Switch	
Position	Descriptions (EDID on input port)	Position	Descriptions (Resolution on Out 2)
0	Copy EDID from OUT1	0	1920x1080@60Hz
1	1920x1080@60Hz	1	3840x2160@30Hz
2	3840x2160@30Hz	2	3840x2160@60Hz
3	3840x2160@60Hz	3	1280x720@60Hz
4	1280x720@60Hz	4	1024x768@60Hz
5	1280x1024@60Hz	5	1366x768@60Hz
6	1920x1200@60Hz	6	1280x1024@60Hz
7	Reserved	7	1920x1200@60Hz
8	Reserved	8	1280x1024@60Hz,DVI
9	Reserved	9	1920x1080@60Hz,DVI

## HARDWARE INSTALLATION

- Using qualified HDMI cables, connect an HDMI source (such as Blue-ray, games console, satellite/cable TV, media server etc.) to HDMI IN port of the splitter.
- Connect the HDMI display devices (LED/LCD display or projector) to the HDMI OUT ports of the splitter.
- Insert the 5V power adaptor into the power input port of splitter and connect to wall outlet mains supply.
- After ensuring all sources and displays are properly connected, turn on mains power supply.
- Check Power and IN/OUT LED on the front panel are fully lit for correct connection. If not, check cable connections.

### Note:

- Both source and display devices must be powered on for LED indicators to detect device connection.
- Ensure power supplied are disconnected from all devices before installation.

