

VIDEO SPLITTER

8 Ports HDMI 2.0 Video Splitter with 1 HDMI In and 8 HDMI Out, Easy-Scaling, EDID & HDCP Management

Model: VSP-4KH-1H8H

PRODUCT OVERVIEW

The **VSP-4KH-1H8H** distributes HDMI video to 8 TVs or projectors. The output ports support automatic video scaling, ensuring reliable 1080p or 4K output regardless of the video input. This makes it ideal for conference calls, meeting rooms, or showroom applications.



The EDID Auto Learning and EDID Copy functions allow the splitter to either read the necessary EDID information from the unit itself or copy EDID from the EDID-compliant monitor. This ensures accurate output display.



The VSP-4KH-1HxH series of 4K HDMI Splitters broadcast the same HDMI signal from a single HDMI source to 2, 4, 8, or 16 HDMI outputs, depending on the model. The distribution can be expanded significantly when multiple splitters are cascaded. Depending on cable length and quality, this fully HDCP-compliant splitter supports display resolutions up to 4K (3840 × 2160 @ 60Hz, 4:4:4). No software or interface card installation is required—simply connect the cables, power up the system, and enjoy duplicated video across multiple monitors with excellent clarity.

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This splitter comes in a rack-mountable form factor, allowing for easy installation and space savings. This flexible solution for accommodating multiple digital video displays is especially suitable for public broadcasting applications.

KEY FEATURES

- Distributes one HDMI 2.0 video source up to 8 displays
- Supports popular HDMI resolutions up to 4K@60Hz (4:4:4), 18Gbps bandwidth, and HDR10 for vivid, high-dynamic visuals
- Easy-Scaling function automatically scales 4K@60Hz video down to 1080p per connected 1080P display, ensuring pixel-to-pixel matching
- HDMI 2.0, HDCP 2.2 / 1.4 compliant and Blu-ray ready, with HDCP version management for compatibility
- EDID management with Auto EDID and EDID Copy ensures accurate display output
- 8/10/12-bit Deep Colour support for smooth image reproduction
- Cascade operation allows expansion to additional displays while maintaining signal integrity without attenuation or distortion
- Automatic power-save mode when no input signal is detected
- LED indicators for quick signal activity monitoring
- Easy installation with a compact, rack-mountable design, ideal for conference rooms, education, digital signage, gaming, airports, and public broadcasting

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PRODUCT SPECIFICATIONS

Features	VSP-4KH-1H8H
Video Resolution (Max.)	4096x2160 @ 60Hz (4:4:4)
Video Input	HDMI 2.0 x 1
Video Output	HDMI 2.0 x 8
Slide Switch	HDCP and EDID Mode x 1
Push Button	EDID Copy / Auto Learning x 1
LED Indicator	Status LED x 1 Video Output x 8
HDCP Compliance	HDCP 2.2 / HDCP 1.4
Easy-Scaling Resolution*	3840x2160@60Hz to 1920x1080@60Hz 3840x2160@30Hz to 1920x1080@30Hz
EDID Management	4K60Hz (Auto HDCP 2.2/1.4) 4K60Hz (HDCP 1.4) 1080P (HDCP 1.4) EDID Copy
Firmware Update	Mini USB Port x 1
Power Supply	DC 9 ~ 12V
Operating Environment	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C
Enclosure	Metal
Dimension H x W x D (mm)	44 x 440 x 180
Weight (g)	2300

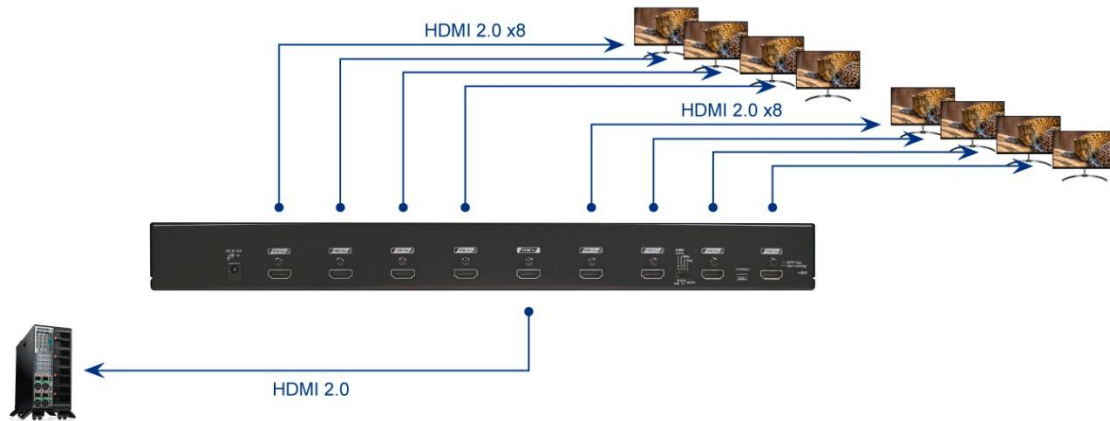
* 2560x1440 and 4096x2160 Input Resolutions Do Not Support Scaling Functions

Product Family

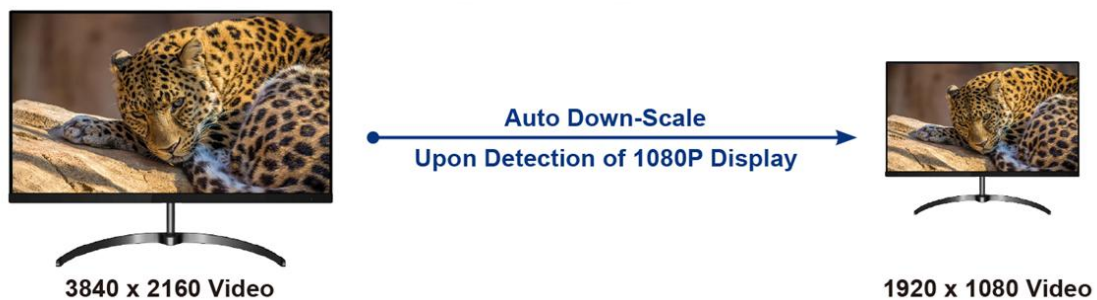
Model Number	Output Ports	Scaler Outputs	Audio Extract	UHD-to-1080P Easy-Scaling	Max. Resolution
VSP-4KH-1H2H	2	No	No	No	HDMI 2.0 4K@60Hz (4:4:4)
VSP-4KH-1H4H	4				
VSP-4KH-1H8H	8				
VSP-4KH-1H16H	16				
VSP-4KH-1H4X	4+2	HDMI + VGA (up to 1080P)	3.5mm Stereo x 1 SPDIF x 1	Yes	
VSP-4KH-1H8X	8+2				

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CONNECTION DIAGRAM



Auto Scaling from 4K60 to 1080P if a 1080P display is detected



Note: Not applicable for the 2 and 4-Port Models

PACKAGE CONTENTS

- 1 × 8-Port HDMI Video Splitter
- 1 × Power Adapter
- 1 × User Manual
- 1 × Foot Pad Set

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WARRANTY

- Standard 1-Year Limited Warranty, unless otherwise specified by Sales.
- Optional Advance Replacement Warranty is available upon request

ORDERING INFORMATION

Part Number	Descriptions
VSP-4KH-1H8H	8 Ports HDMI 2.0 Video Splitter with 1 HDMI In and 8 HDMI Out, Easy-Scaling, EDID and HDCP Management
(OPTIONAL)	
VDC-HCL20-001M	Premium High Speed HDMI 2.0 Type A (Male) to Type A (Male) Cable with Ethernet, 4K60, 18Gbps, LSZH, 1m
VDC-HCL20-002M	Premium High Speed HDMI 2.0 Type A (Male) to Type A (Male) Cable with Ethernet, 4K60, 18Gbps, LSZH, 2m
VDC-HCL20-003M	Premium High-Speed HDMI 2.0 Type A (Male) to Type A (Male) Cable with Ethernet, 4K60, 18Gbps, LSZH, 3m

CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

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