# VIDEO SPLITTER

## 2 Ports HDMI 2.0 Video Splitter with 1 HDMI In and 2 HDMI Out

## Model: VSP-4KH-1H2H

### PRODUCT OVERVIEW

The **VSP-4KH-1H2H, 2-Port True 4K HDMI Video Splitter,** distributes HDMI video signals to up to two TVs or projectors. Its EDID Auto Learning and EDID Copy functions allow the splitter to either read the necessary EDID information from the splitter unit itself or copy EDID from an EDID-compliant monitor, ensuring accurate output display.

The EDID Mixing Function of VSP-4KH-1H2H is particularly useful in supporting multiple video outputs. This function collects EDID data from all connected displays, mixes them, and creates an optimized EDID that ensures better compatibility and performance across all displays. As a result, all connected displays will function properly and display video accurately.

EDID Management:
1. EDID Copy/ EDID Auto Learning
2. EDID Mixing
3. 4K@30Hz
4. 4K@60Hz

( *Illustration showing VSP-4KH-1H4H 4-Port Model* )

The 4K HDMI Splitter can broadcast the same HDMI signal from a single HDMI source to two, four, eight, or sixteen HDMI outputs by cascading multiple splitters. Supporting display resolutions up to 1080p, 4K@30Hz, and 4K@60Hz (4:4:4), this fully HDCP-compliant splitter works with various display setups. No software or interface card installation is required; simply connect the cables, power up the system, and enjoy duplicated video images with excellent clarity across multiple monitors.

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## KEY FEATURES

- Duplicates a single HDMI 2.0 video source to up to 2 displays.

- Supports HDMI resolutions up to 4K@60Hz (4:4:4), Full HD 1080p (1920x1080), and WUXGA (1920x1200).

- Delivers an enhanced visual experience with HDR10 for superior colour and contrast.

- Fully compliant with HDCP 2.2 and HDCP 1.4, ensuring compatibility with protected content like Blu-ray.

- Features EDID Copy and Auto EDID for optimal display compatibility and supports EDID auto-learning for multiple display setups.

- No software or drivers are required for installation; simply connect and use.

- Supports cascading additional splitters to expand the number of connected displays.

- Automatically enters power-save mode when no signal input is detected.

- Provides crisp and clear video images for a high-quality viewing experience.

- Ideal for applications in digital signage, airports, railway stations, and other professional display environments.

## PRODUCT SPECIFICATIONS

| Features | VSP-4KH-1H2H |
|---|---|
| Video Resolution (Max.) | 4K@60Hz (4:4:4) |
| Video Input | HDMI 2.0 x 1 |
| Video Output | HDMI 2.0 x 2 |
| Slide Switch | HDCP and EDID Mode x 1 |
| Push Button | EDID Copy x 1 |
| LED Indicator | Status LED x 1 (Multi-Colour) Video Output x 2 |
| HDCP Compliance | HDCP 2.2 / HDCP 1.4 |
| EDID Management | 4K30, 4K60, Auto EDID Mixing, Copy & Learning |
| Firmware Update | Mini USB Port x 1 |
| Power Supply | DC 12V |
| Operating Environment | 0 ~ 40°C, Humidity < 80% |
| Storage Temperature | -20 ~ 60°C |
| Enclosure | Metal |
| Dimension H x W x D (mm) | 20 x 156 x 65 |
| Weight (g) | 250 |

# VIDEO SPLITTER

## CONNECTION DIAGRAM



## PANEL DIAGRAMS

# VIDEO SPLITTER

## PACKAGE CONTENTS

- 1 × 2 Ports HDMI Video Splitter
- 1 × Power Adapter
- 1 × User Manual
- 1 × Foot Pad Set

## 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-1H2H** | 2 Ports HDMI 2.0 Video Splitter with 1 HDMI In and 2 HDMI Out |

## CONTACT INFORMATION

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

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