

MPN: VLSW141H-8K

## HDMI switcher 4x1 (8K@60Hz)

The VLSW141H-8K is a high-performance 4x1 HDMI switch, designed to manage multiple HDMI sources with ease. It supports HDMI 40Gbps bandwidth, enabling resolutions up to 8K@60Hz with 4:2:0 chroma subsampling and HDR+, ensuring exceptional video quality. The device is HDCP 2.3 compliant, ensuring compatibility with the latest content protection standards.



Key features include smart EDID management for seamless integration with various display devices, support for Audio Return Channel (eARC), and audio de-embedding capabilities, allowing extraction of audio signals for separate processing. The switcher offers both automatic and manual switching modes, providing flexibility in source selection. Its ultra-slim design facilitates easy installation in diverse environments.

- HDMI switcher with 4 HDMI inputs and one HDMI out
- Supports video resolution up to 8Kx2K@60Hz 4:2:0 HDR
- 40Gbps high bandwidth
- Fully compliant with the HDMI 2.1 and HDCP2.3 specifications
- Supports audio return channel (eARC).
- Advanced EDID management: multiple preset and user defined allowed.
- Analogue audio de-embedder function
- Controllable via RS232 and IR
- Supports CEC
- Seven LEDs to indicate the current operating status and to assist troubleshooting an installation
- RS232 control and audio line out to active speakers
- Firmware upgrade by Micro-USB port

## Specifications

|          |                                             |                    |
|----------|---------------------------------------------|--------------------|
| Features | Audio formats supported                     | PCM                |
|          | Audio output channels                       | 2.0 channels       |
|          | Bandwidth                                   | 40 Gbit/s          |
|          | Consumer Electronics Control (CEC) support  | Yes                |
|          | Extended display identification data (EDID) | Yes                |
|          | HD type                                     | 8K Ultra HD        |
|          | HDCP                                        | Yes                |
|          | HDCP version                                | 2.3                |
|          | High Dynamic Range (HDR) supported          | Yes                |
|          | LED indicators                              | Yes                |
|          | Maximum frame rate                          | 60 fps             |
|          | Maximum refresh rate                        | 60 Hz              |
|          | Maximum resolution                          | 7680 x 4320 pixels |
|          | Plug and Play                               | Yes                |
|          | Product colour                              | Black              |

|                        |                             |                             |
|------------------------|-----------------------------|-----------------------------|
| Features               | Remote control type         | IR + RS232                  |
| Operational conditions | Operating temperature (T-T) | -5 - 55 °C                  |
| Packaging content      | AC adapter included         | Yes                         |
|                        | Manual                      | Yes                         |
|                        | Mounting brackets included  | Yes                         |
|                        | Packaging content           | 1x 8K UHD 4x1 HDMI Switcher |
|                        | Remote control included     | Yes                         |
| Ports & interfaces     | 3.5 mm (1/8-inch) out       | Yes                         |
|                        | Audio (L/R) out             | 1                           |
|                        | HDMI in                     | 4                           |
|                        | HDMI ports quantity         | 5                           |
|                        | HDMI version                | 2.1                         |
|                        | Number of HDMI outputs      | 1                           |
|                        | RS-232 ports                | 1                           |
|                        | S/PDIF out port             | No                          |
|                        | Video port type             | HDMI                        |
| Power                  | AC input voltage            | 100 - 240 V                 |
| Technical details      | Audio support               | Yes                         |
| Vendor information     | Brand Name                  | Vivolink                    |
|                        | Warranty                    | 5 Year(s)                   |
| Weight & dimensions    | Dimensions (WxDxH)          | 188mm x 105mm x 21 mm       |
|                        | Empty weight                | 415 g                       |

Other images

6  
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Warranty

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