

MPN: VLSW141H

HDMI switcher 4x1 (4K@60Hz)

The VLSW141H is a high-performance 4x1 HDMI switch, designed to manage multiple HDMI sources with ease. It supports HDMI 18Gbps bandwidth, enabling resolutions up to 4K@60Hz with 4:4:4 chroma subsampling and HDR, ensuring exceptional video quality. The device is HDCP 2.2 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 (ARC), 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 4Kx2K@60Hz 4:4:4 HDR
- 18Gbps high bandwidth
- Fully compliant with the HDMI 2.0 and HDCP2.2 specifications
- Supports audio return channel (ARC).
- 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	18 Gbit/s
	Consumer Electronics Control (CEC) support	Yes
	Extended display identification data (EDID)	Yes
	HD type	4K Ultra HD
	HDCP	Yes
	HDCP version	2.2
	LED indicators	Yes
	Maximum frame rate	60 fps
	Maximum resolution	3840 x 2160 pixels
	Plug and Play	Yes
	Product colour	Black
	Remote control type	IR + RS232
Operational conditions	Operating temperature (T-T)	-10 - 55 °C

Packaging content	AC adapter included	Yes
	Mounting brackets included	Yes
	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	2.0
	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)	194mm x 81mm x 12mm mm

