

MPN: VLHDMIMAT8X8

HDMI 2.0 Matrix Switcher 8x8

The VLHDMIMAT8X8 is a versatile 2x8 HDMI splitter designed to distribute two HDMI sources to up to eight outputs. It supports video resolutions up to 4K@60Hz with 4:4:4 chroma subsampling, HDR10, and Dolby Vision, ensuring exceptional video quality. With a bandwidth of 18Gbps and HDCP 2.2 compliance, it guarantees compatibility with the latest high-definition content.



Key features include 4K-to-1080p downscaling on all outputs, allowing seamless integration with both 4K and 1080p displays. The splitter offers digital Toslink and analog L+R audio de-embedding for flexible audio extraction. Built-in signal equalization enhances transmission stability, while comprehensive EDID management and CEC support ensure optimal device communication.

Typical Applications:

Conference Rooms:

Perfect for large meeting spaces where multiple presenters need to share content from various devices on multiple displays.

Control Centers:

Ideal for monitoring multiple inputs and routing them to different outputs efficiently in security, broadcasting, or command centers.

Educational Facilities:

Great for lecture halls and classrooms that require flexible content distribution to multiple screens or projectors.

Retail and Digital Signage:

Useful for large retail stores or shopping malls to display synchronized or independent promotional content on multiple screens.

Home Theaters:

High-end home theater setups that demand seamless switching between various HDMI sources like gaming consoles, Blu-ray players, and streaming devices across multiple displays.

Event Venues:

Suitable for exhibition halls or event spaces where content needs to be distributed and displayed across various areas.

Corporate Environments:

Allows seamless collaboration and display of information across various teams and departments on dedicated displays.

- HDMI 2.0 Matrix HDCP 2.3 Compliant
- Support 18Gbps bandwidth for 4K@60Hz 4:4:4 8bit
- Deep color formats and HDR capability
- HDMI Output support up to 5V 500mA for AOC cable
- Build-in GUI for matrix set-up and control over LAN

Specifications

Features	Audio formats supported	PCM
	Audio output channels	2.0 channels

Features	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
	Rack mounting	Yes
	Remote control type	IR + RS232
Operational conditions	Operating temperature (T-T)	-5 - 55 °C
Package dimensions	Depth (package,cm)	54 cm
	Gross Weight (Package, kg)	3.1 kg
	Height (package,cm)	14 cm
	Width (package,cm)	35 cm
Packaging content	AC adapter included	Yes
	Cables included	IR sensor
	Mounting brackets included	Yes
	Remote control included	Yes
Ports & interfaces	Audio (L/R) out	1
	Digital audio coaxial out	1
	HDMI in	4
	HDMI ports quantity	8
	HDMI version	2.0
	Number of HDMI outputs	4
	RJ-45 input ports	1
	RS-232 ports	1
	S/PDIF out port	Yes
Power	AC input voltage	100 - 240 V
Product dimensions	Net Weight (Product, kg)	2 kg
	Product Depth	54 cm
	Product Height	14 cm
	Product Width	35 cm
Technical details	Audio support	Yes
Vendor information	Brand Name	Vivolink

Vendor information

Warranty

5 Year(s)

Other images

