

8-CHANNEL SMART 4K HDMI MATRIX SWITCHER

H9208HA



Description:

HDMI matrix switcher is a high-performance professional switching device with embedded intelligent control, which is used to switch various audio and video input signals synchronously or asynchronously to any output channel of audio and video.

A unique processing method is adopted, which greatly improves the switching speed of the device. Flexible control mode, with long-life button panel operation, large screen lit LCD screen to display various information, providing standard RS-232 communication interface, convenient for users and various remote control equipment (such as Crestron, AMX, CREATOR, etc.) In conjunction with the use, it also has an infrared remote control device.

Mainly used in radio and television projects, multimedia conference halls, large-screen display projects, TV teaching, command and control centers and other places.

Features:

- Full hardware architecture without CPU and operating system, the operation speed is faster.
- Modular design of all boards, support hot swap, stable and reliable system.
- Adopt the original imported switch chip with 12.75G high bandwidth from the United States, so that all signals can be switched synchronously.
- Each signal supports HDCP decoding, Blu-ray, 3D.
- Support signal timing rearrangement, 36-bit true color technology.
- Support fast channel switching, one-to-one correspondence and fast saving and recall of scene modes.
- Support maximum resolution: 4Kx2k@30Hz, 1080P 3D@60Hz.
- Visual operation buttons, the status of input and output channels can be visualized through button indicator lights.
- Radio and television level switching chip, image switching can be completed with a single chip, with higher integration.

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- Support buttons, infrared remote control, RS232 serial port and other control methods, optional WEB control.
- Support EDID rewritable and EDID self-adaptive functions, better adapt to the diverse display devices on site and improve compatibility.
- Long line drive capability: The input has automatic equalization, effectively reducing the deterministic jitter caused by line transmission.
- The output can adjust the gain mode, so that the receiver can still receive the signal after long-term transmission. Using the high-quality HDMI 1.4 version cable, the input transmission distance can reach 20 meters, and the output transmission distance can reach 25 meters.
- The input supports receiving delay, which can effectively compensate for time when the differential pair lines are not equal in length.
- Power-off memory on-site protection function, automatically save the current scene state.
- The host display adopts English high-resolution display, which supports LOGO and model burning customization.

Specification:

Model	H9208HA
Input Port	8X HDMI
Output Port	8X HDMI
Device Height	1U
Support Video	480i, 576i, 480p, 576p, 720p, 1080i,
Resolution	1080@24/30/50/60Hz, 4K@30Hz, 1080P 3D@60Hz, 4Kx2K@30Hz
Control Interface	1 RS2323 IN, 1 RS232 OUT, 1 RJ45 LAN
Protocol Standard	Support 4K 30Hz, support EDID management and rewritable, support HDCP parsing
Color Space	Support RGB444, YU V444, YUV422 color space Support xvColor extended color gamut standard
Electrostatic Protection	Human body discharge mode: $\pm 8\text{kV}$ (air gap discharge) $\pm 4\text{kV}$ (contact discharge)
Control Method	Standard buttons, RS232, remote control switching; optional WEB, APP control
Power Supply	AC: 110V-240V 50/60Hz DC: 12V
Input Voltage	Power supply 100VAC~260VAC, 50/60Hz
Power Consumption	15W
Product Size	435x245x45mm (without mounting ears)
Operating Temperature	0°C~40°C/32°F~104°F
Storage Temperature	-20°C~60°C/-4°F~140°F

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