SHOGUN
Technology Solution

SG-HDM09
8×8 Matrix Switch (Up to 8 devices)

Functions

The SG-HDM09 is 8x8 HDMI Matrix Switch is a versatile solution for routing video and audio from eight sources to eight displays via HDMI. Compliant with HDMI 1.4 and HDCP 2.2, it supports 10.2 Gbps bandwidth and resolutions up to 4K@30Hz. Each output can downscale from 4K to 1080p as needed. The matrix accommodates various audio formats, including LPCM 2/5.1/7.1CH, Dolby Digital, Dolby Atmos, DTS-HD Master Audio, and DTS: X. It also allows preset saving to save routing configurations and recall them easily whenever needed. The unit is rack mountable, which makes it perfect for any personal or commercial setup.

Key Features

· Support 9 HDMI inputs and 9 HDMI outputs, Compatible with HDMI1.4a with resolution of 4K@30Hz/1080P @60Hz
· Deep Color support (48/36/30/24-bit)
· Support LPCM 7.1CH, Dolby True HD, Dolby digital + and DTS-HD Master Audio output
· Support any signal source displayed simultaneously on multiple displays
· Support any HDMI signal sources to be viewed on any HDMI displays at any time
· Using crystal button with green background lights
· Two-key control method enabling easier and more effective controlling, support 1 port input and multiple ports output when switching images
· Support channel fast closure
· Indicator lights of visual buttons enabling the input and output channel operation status to be visible
· Supports EDID learning and EDID adaptive function enabling it to meet the needs of field diversification display devices, and also improved compatibility
· Support RS-232, LAN, front-panel and IR control
· Spiral power connectors guaranteed stable power supplying

Specification

Input	9 x HDMI
Ouput	9 x HDMI
Protocol	Support HDMI1.4a, HDCP compatible, EDID Learning
Resolution	480i, 576i, 480p, 576p, 720p,1080i,1080p@24/30/50/60Hz, 1080P3D@60Hz, 4K@30Hz
Transmission Distance	15 meter (HDMI)
Control	Dual RS232(In/out) ,LAN (1xRJ45), front buttons, IR
Dimension	438 x 200 x 44 (mm)
Weight	3.1KG
Consumption	23 Watts
Power Supply	AC 110V-240V (50/60HZ), DC 12V/3A
Working Temperature	-10°C - 50°C
Working Humidity	10%-90%
Storage Temperature	-25°C - 55°C