

4K 30Hz seamless matrix processor

Model:GMS01

Features

- Support 4K video and audio signal multi-in and multi-out matrix cross-switching.
- Support 4K splicing video wall processing function.
- 1 card with 4 ports design, for example: 8 port input x 8 port output, you need to purchase 2 input cards + 2 output cards.
- Support front panel access scene operation, can pre-store multiple sets of scene switching modes.
- Supports uncompressed digital switching.
- Support Web UI remote control.
- PANIO Quick Switch Technology: Support 0 second switch display function.
- Support RS-232 automatic detection, you can judge whether there is a problem with RS-232.
- Support scene automatic scan function (adjustable to automatically switch between different scenes).
- The Web UI supports 3 switching modes: time schedule switching, custom group switching, and synchronous switching.
- Support input and output port mapping function, in case of emergency, the faulty card can be temporarily skipped to facilitate the normal display of the screen.
- Support machine temperature detection.
- Support setting network static IP and dynamic IP.
- Support the removal and replacement of the fan cooling module.
- Support power supply 1+1 Redundant Power to ensure 24 hours continuous operation of the equipment (optional).
- Control method: remote control, key switch, TCP/IP, RS-232.
- Support 19" rack size.

Specification

Model Name	GMS01 series
Input	Support HDMI interface
Output	Support HDMI / 3.5mm interface
Support resolution	4096x2160 @30HZ, 1920x1080p, 1768x992p, 1680x1050p, 1600x1024p, 1600x900p, 1360x768p, 1280x1024p, 1280x960p, 1280x800p, 1152x864p, 1024x768p, 480p, 800p
Bandwidth	8.25G
Clock Jitter	<0.15Tbit (1080P 60)
Rise Time	<0.3Tbit (20%--80%)
Falling time	<0.3Tbit (20%--80%)
Transmission delay time	5nS (Max)
Signal strength	T.M.D.S +/- 0.4Vpp
Differential impedance	100±15Ω
RS-232 port	2 x 9pin, D-type interface
RS-232 transmission rate	Serial transmission rate: 9600, data bits: 8 bits, stop bits: 1, no parity bit
Control method	Button, remote control, RS-232, TCP/IP
Power	AC170~245V 50~60HZ
Dimensions (LxWxH)	1.5U: 482 x 306 x 72mm/3U: 482 x 306 x 134mm/ 6U: 482 x 300 x 270mm

Diagram



Package contents

- 1 X GMS01 chassis
- 1 X power cord
- 1 X remote control (Battery not provided)
- 1 X manual