

4K Multi-Interface Modular Matrix Switcher with Extension

Model:GMS06

Features

- Supports up to 32×32 port matrix switching, selectable 4/8/12/16/20/24/28/32 port signal input and output, flexible and expandable audio and video interfaces.
- Both input and output resolutions can reach 4K 30Hz, ensuring stable and clear image transmission.
- Combines matrix switching and HDBaseT extension technology, effectively extending transmission distance, breaking through distance limitations.
- Modular card design, adopts a single card 4-channel design (e.g., 24-channel input × 16-channel output), requires 6 input cards and 4 output cards, providing a variety of expansion solutions.
- Rich and diverse interface support: Input supports VGA+3.5mm, HDMI, DVI, and 3G-SDI interfaces, output provides VGA+3.5mm, HDMI, perfectly integrating various audio and video devices.
- Comes with control software, offering remote control, button switching, TCP/IP, and dual RS-232 centralized control for easy operation.
- Automatically saves current scene settings during power failure, and automatically restores memory upon startup, ensuring system setting safety.
- Interface bandwidth reaches 3.4Gbps, total bandwidth can reach 10.2Gbps, ensuring high-speed and stable signal transmission.
- Perfectly supports 19-inch rack installation, suitable for various professional audio and video environments.

Package Contents

- 1 × GMS06 Matrix Switcher System
- 1 × Power Cord
- 1 × Remote Control (battery not included)
- 1 × User manual

Specification

Model Name	GMS06
Input Interface	Each card provides 4 ports of input, selectable HDMI, DVI, VGA, 3G-SDI, and HDBaseT extension interface.
Output Interface	Each card provides 4 ports of output, HDMI/ VGA+3.5mm audio output and HDBaseT extension interface.
Extension Signal	Each card provides 4 ports of HDBaseT input or output, selectable 70m or 100m transmission distance. Input cards require a transmitter extension unit, output cards require a receiver extension unit.
Supported Resolution	Input/Output supports up to 3840x2160 30Hz, downward compatible.
Bandwidth	10.2Gbps
Status Display	Panel LED indicators
Control Methods	Remote control, button operation, dual RS-232, TCP/IP
Protocol Standards	Supports HDMI 1.4, HDCP, EDID management
HDMI Cable Length	Input and output can each connect up to 5m HDMI cables, exceeding this length is recommended to use PANIO extenders to extend distance.
Power Consumption	2U: 25W(max)/ 3U: 40W(max)/ 6U: 75W(max)
Power Supply	AC 100~240V 50~60Hz
Dimensions	<ul style="list-style-type: none"> - 2U: 445 x 309 x 88 mm - 3U: 483 x 309 x 133 mm - 6U: 486 x 400 x 266 mm - Other sizes can be customized
Weight	<ul style="list-style-type: none"> - 2U: 4.9 kg - 3U: 6.75 kg - 6U: 13.8 kg

Diagram

