

# Modular Matrix Switch with Video wall Controller

Model:GMS0909/GMS1616\_1P/GMS1818/GMS3636

## Features

- Up to 36 screens can be set up to splicing video wall.
- Modular design: 9x9/ 16x16/ 18x18/ 36x36 plug-in card chassis.
- Support HDCI/ DP/ CVBS/ VGA/ YPBPR/ DVI/ HDMI/ HDSI/ 3GSDI/ HDBaseT Extender/ Optical Fiber/ 3.5mm interface.
- Support 4-core 4-link processing chip, up to 32Gbps signal switching processing capability.
- Support fast and seamless switching of A/V signals.
- Support auto-detection of EDID and HDCP version.
- Support external sound input and sound separation output technology.
- Support resolution up to 4K 60Hz.
- Manually set up and down frequency scaling function
- The buttons have a built-in backlight, which is easy to operate at any time.
- Support dual power supply (except GMS0909), dual network, dual RS-232 control redundancy function.
- 3D image frequency multiplication repair, adjacent pixel processing and 3D deinterlacing processing functions.
- Support signal interface card plug and play function.
- The scene is automatically saved when the power is cut off, and the scene is automatically restored after restarting the machine.
- Support HDBaseT 4K ultra-high-definition signal extension transmission, and the transmission distance is 70m and 100m.
- Control method: remote control, button switching, WEB UI, RS-232, APP.
- Support load protection to protect equipment and reduce risks.
- Support for 19" rack size.
- Integrate with MT01 7-inch 4K rack-mounted dual monitors to preview output signals.

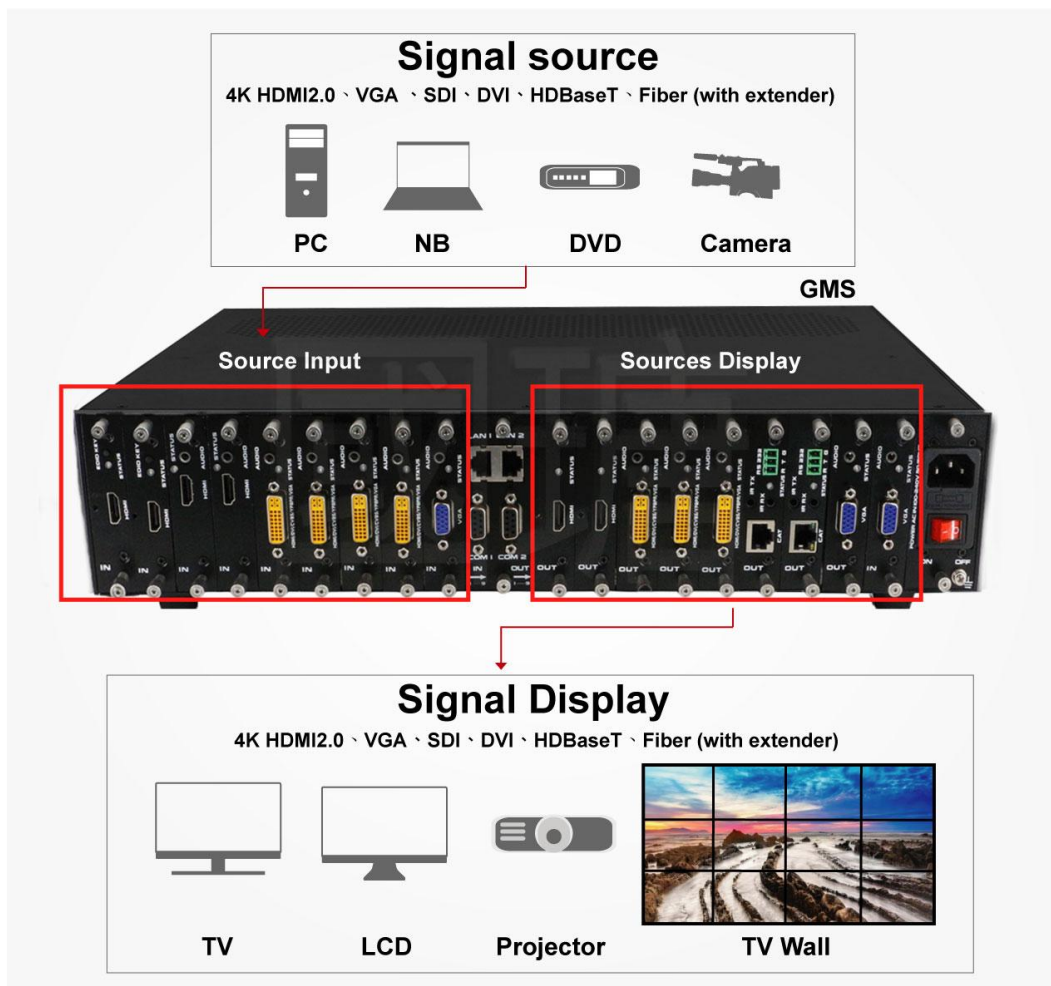
## Specification sheet

<b>Model Name</b>	<b>GMS0909/GMS1616_1P/GMS1818/GMS3636</b>
Description	9x9/ 16x16/ 18x18/ 36x36 Modular chassis
Input Card	1 Channel 1 Card, HDCI/ DP/ CVBS/ VGA/ YPBPR/ DVI/ HDMI/ HDSDI/ 3GSDI/ HDBaseT Extender/ Optical Fiber/ 3.5mm interface
Output Card	1 Channel 1 Card, HDCI/ DP/ CVBS/ VGA/ YPBPR/ DVI/ HDMI/ HDSDI/ 3GSDI/ HDBaseT Extender/ Optical Fiber/ 3.5mm interface
Protocol	HDMI2.0, DVI1.0, Compatible with HDCP and EDID function
Video resolution	640x480---1920x1200 60Hz(VESA), 480i---4K 30Hz(HDTV), 4K 60Hz
Color Space	RGB444, YUV444, YUV422, support x.v.Color extension color gamut standard
HDBT Transmission distance	Up to 100 meters under 1080P, and up to 70 meters under 4K 30Hz.
Transmission distance	70/100m(Cat6), 80Km(Single-mode), 2Km(Single-mode)-4K60Hz, 10m(Digital cable), 25m(Analog cable)
Control Methods	Broadcasting switching button, Dual RS232+LAN control, APP control, IR
TV Wall	Yes
Power Consumption	17W(Without cards)/ 21W(Without cards)/ 30W(Without cards)
Power Supply	AC 110 ~ 230V
Dimensions	482x390x88(2U)mm/ 482x390x178(4U)mm/ 482x390x355(8U)mm (LxWxH)
Item Weight	6KG(Without cards)/ 12.5KG(Without cards)/ 25KG(Without cards)
Working Temp	-10℃ - 50℃
Storage Temp	-25℃ - 55℃

Diagram

# Modular Matrix Design

multi types of I/O cards for selections



## Package Contents

- 1 X GMS0909/GMS1616\_1P/GMS1818/GMS3636
- 1 X AC power cord
- 1 X User manual