



## GT-MVM-36 Videowall & Multi viewer

The GT-MVM-36 is a versatile 4×4 seamless matrix switcher that functions as a video wall driver (2×2 or 1×4) and a quad-viewer, or multi-viewer for up to four pictures. It enables instantaneous switching between inputs, delivering clean, frame-to-frame video cuts. Supporting HDMI 2.0 and HDCP 2.2, the unit accommodates resolutions up to 4K at 60Hz with 4:4:4 chroma sampling. Each output features independent HDCP and EDID settings, with the ability to pass four channels of embedded audio and provide analog stereo audio de-embedded for all four outputs, ensuring a comprehensive and high-quality audio-visual experience.

### Feature:-

- The GT-MVM-36 Videowall & Multi viewer features Technology, providing high-quality pixel mapping and seamless switching with zero-time video cuts or fade-through-black options. It offers multiple aspect ratio selections and four preset memory locations for quick access to common configurations. With non-volatile memory, built-in noise reduction, and picture enhancement, it supports HDMI 2.0, accommodating resolutions up to 4K at 60Hz and deep color formats. The device can operate as a 4×4 matrix switcher, video wall (2×2 or 1×4), or multiview display with various layouts including PIP and side-by-side. It includes bezel correction options, constant output sync, and an advanced EDID management system. Additionally, it features a built-in video proc amp for individual input adjustments, firmware upgrade capabilities via Ethernet, and balanced audio outputs with independent volume settings for each output.

Category	Specification
Inputs	4 HDMI: On female HDMI connectors
Outputs	4 HDMI: On female HDMI connectors
Ports	4 Balanced Stereo Line Level: On 5-pin terminal block connectors
	1 RS - 232: On a 3-pin terminal block
	1 Ethernet: On an RJ-45 female connector
Video Max Bandwidth	18Gbps (6Gbps per graphic channel)
Max Resolution	4K @60Hz (4:4:4) 24bpp resolution
Compliance	HDMI 2.0 and HDCP 1.4
Latency	Up to 20ms
Controls	Front Panel Output and input selector buttons, system setup buttons (matrix, video wall, and multi-view), store and recall buttons, display identify button, reset button, and panel lock button
Analog Audio Max Level	4.1Vrms

Impedance	500Ω
Bandwidth	20Hz – 20kHz
Crosstalk	-114dB
THD + N	0.005% @1kHz at nominal level
S/N Ratio	- 89dB, 20Hz – 20kHz
Coupling	DC
Power Consumption	100–240V AC, 98VA max
Heat Dissipation	55W (188BTU/hr)

