

24×36 4K60 Modular Matrix Switcher with Built-In Video Wall

Large-Venue 4K60 Matrix — 24 In, 36 Out — Video Wall, Quad View & Zone Control

MPN: FLEX-MF24X36



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators serving large-scale hospitality, entertainment, convention, and enterprise multi-display environments requiring 24+ inputs and 36+ outputs.

THE CHALLENGE

Large-format matrix switchers either lack video wall and scaling features — requiring additional processors — or lock integrators into proprietary ecosystems at 2–3× the price.

THE KANEXPRO ADVANTAGE

Built-in video wall (up to 12 displays), quad view, independent scaling, and hot-swappable modular design with 24 inputs / 36 outputs controlled via 7" touchscreen, RS-232, TCP/IP, and Web GUI — at roughly 40% less than Crestron.

2 PRODUCT POSITIONING

FLEX-MF24X36 is the high-capacity modular 4K matrix chassis for large-scale hospitality, entertainment, and enterprise AV environments that need 24-input, 36-output scalable distribution with built-in video wall and quad view — at a fraction of Crestron or Lightware pricing.

3 APPLICATIONS

Large Sports Bars & Casinos

Route 24 sources to 36 displays with video wall for signature entertainment zones.

Convention Centers & Hotels

Distribute content across ballrooms, breakout rooms, and lobbies from a centralized head-end.

Mega Houses of Worship

Feed 24 cameras/media to sanctuary, overflow, and lobby displays with quad view monitoring.

Enterprise Digital Signage

Drive 36 signage displays with video wall configurations up to 4×3 across campus.

University & Training Campuses

Switch lectures and presentations across classrooms with independent per-output scaling.

Broadcast & Control Rooms

Route 24 feeds to 36 destinations with quad view multi-source monitoring.

4 WHO THIS IS FOR

AV Integrators

System Engineers

AV Consultants

Technology Directors

Hospitality IT

Ideal User

Senior AV system integrator, AV consultant, technology director

Project Types

Large hospitality, convention centers, casinos, enterprise, broadcast, education

Typical Buyer

AV integrator project lead; end-client facilities/IT director for final sign-off

5 KANEXPRO PRODUCT COMPARISON

How the FLEX-MF24X36 fits within the KanexPro switching and matrix product line:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
FLEX-MF24X36	Large venues needing 24+ inputs with video wall	24×36 modular, 4K60, video wall, quad view, 7" touch	Highest I/O in mid-range; built-in video wall & quad view, Korean-made
FLEX-MF16X20	Mid-size venues (16 inputs / 20 outputs)	Same platform, fewer I/O slots	Lower cost for smaller installations; same features
MMX-16X16AUD	Fixed 16×16 installs needing ARC audio	16×16 HDMI, coaxial audio de-embedding, ARC	Fixed I/O, no video wall; stronger audio extraction

Best fit: Large venues (20–36 displays) needing video wall + quad view + independent scaling with 24 source inputs.

6 FREQUENTLY ASKED QUESTIONS

Q: Why choose the 24×36 over the 16×20?

The 24×36 adds a third input and third output card slot, supporting up to 24 inputs and 36 outputs — ideal for venues with more than 20 displays or 16 sources.

Q: How does this compare to Crestron DigitalMedia?

Delivers 4K60 switching with built-in video wall at roughly 40% less than Crestron DM-MD32X32, without requiring a proprietary ecosystem.

Q: What video wall configurations are supported?

Up to 4×3 (12 displays) with up to 30 independent zones. Bezel compensation is configurable per output.

Q: Does it integrate with third-party control?

Yes — RS-232, TCP/IP, and Web GUI support Crestron, Control4, Savant, and other platforms via standard ASCII commands.

Q: What if a card fails?

Cards are hot-swappable. Pull and replace without powering down or interrupting other channels.

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