

24X60 Modular Matrix Switcher

4K@60Hz

Full 4K/UHD at 18Gbps, Video-Wall, Quad-view,
independent scaling

MPN: FLEX-MF24X60



Key Benefits of Using 24X60 Modular Matrix Switcher:

- Flexible Input/Output Routing
- Seamless Switching
- Support 4K UHD Resolution
- Enhanced Audio Management
- Scalability and Modularity
- Compact Design and Space-Saving
- Reliable Performance
- Low Latency for Real-Time Applications

FEATURES

- Up to 24 inputs of 4K/UHD HDMI video (3 card slot)
- Up to 60 outputs of 4K/UHD HDMI video (5 card slot)
- HDMI 2.0, 18Gbps and HDCP 2.2 support
- Low cost single CAT cable to each display
- Selectable independent scaling on all outputs
- Video wall up to 12 displays (1x12, 2x6, 3x4, 4x3, 6x2, 12x1)
- Multi view (Quad view)
- CEC display control
- Audio extraction on all inputs
- 7" front panel touch control
- Hot-swappable design allows easy replacement of slots and FAN modules
- RS-232, TCP/IP, Web UI control functions

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 3840x2160 60Hz 4:4:4 (8bit)
Color Space	RGB and YCbCr 4:4:4, YCbCr 4:2:2/4:2:0
Color Depth	8, 10, 12 bits per Color
Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
HDR	Supports
Video Wall	Up to 12 Display
Multi View	Quad View
Audio Extraction	All Inputs

Mechanical	
Housing	Metal Enclosure
Color	Black
Power supply	Input:AC100-240V50/60Hz, 800 W
MTBF	50,000 hrs
Temperature & Humidity	0~40°C, Humidity below 80%

Connection	
Input	3 Card Slot [Input Card Option:FLEX-HDMI8IN]
Output	5 Card Slot [Output Card Option: FLEX-HDMI2OUT, Option 2: FLEX-CAT12OUT + FLEX-CATRX]
Control ports	1 x RS-232 [DB9 Connector], 1 x RJ 45, 1x Service Point

APPLICATION DIAGRAM

