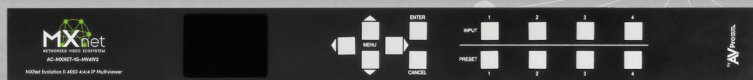
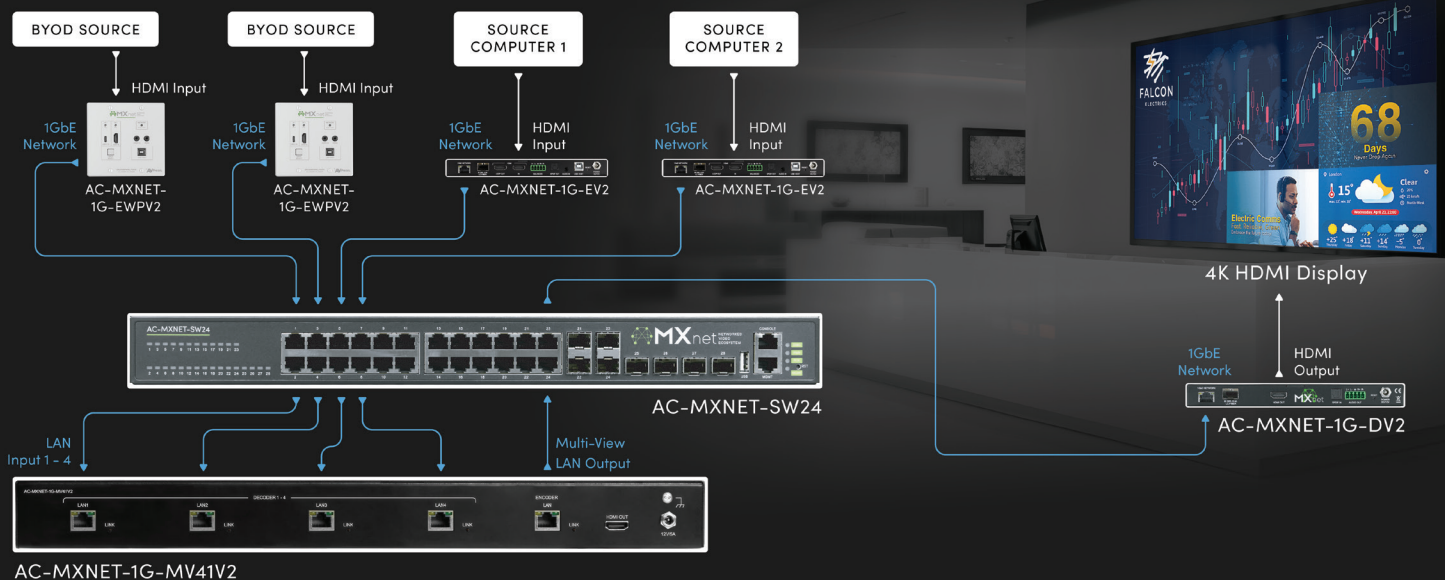




# MXnet 4 Input 4K Multiviewer (AC-MXNET-1G-MV41V2)

The AC-MXNET-1G-MV41V2 redefines multiviewing with seamless 4K AV-over-IP integration within the MXnet Evolution II ecosystem. Equipped with four input channels, HDMI and IP outputs, advanced EDID management, and high quality video scaling, it allows effortless display of multiple content sources on a single screen. Whether for sports bars, classroom collaboration, security monitoring, or high-impact presentations, the AC-MXNET-1G-MV41V2 combines versatility and third-party control compatibility, delivering robust, high-quality viewing experiences tailored to any environment.

## Business Multi-View Application





# PRODUCT SPECIFICATIONS

Video Input/Ingestion	
Signal Type	DVI 1.0, HDMI 2.0b
Video Resolution	720p@50/60Hz; 1080p@24, 50 & 60Hz; 4K@50/60Hz 4:4:4*; 4K@30Hz 4:4:4; 4K@60Hz 4:2:0; 4:2:2 4K@24Hz 4:2:0/4:2:2
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0, RGB
Bit Depth per Color	1080p 8-,10-,12-bit, 4K 8-,10-,12-bit
Visually Lossless	4096x2160p@60Hz (8-bit) 4:4:4 or RGB; 3840x2160p@60Hz (12-bit) 4:2:2 Dolby Vision; 3840x2160p@60Hz (10-bit) 4:2:2 HDR10/HLG; 1920x1080p@60Hz (12-bit)
Audio	
Audio Format (end to end)	PCM 2, 5.1, 7.1 Channel, Dolby Digital 5.1 Channel, Dolby Digital Plus, DTS 5.1 Channel, DTS-ES, DTS-HD High Resolution, DTS-HD Master Audio, Dolby Atmos
Ports	
Ethernet	(5) x female RJ45
HDMI	(1) x HDMI Type A 19-pin, female, HDMI output
Distance	
Ethernet	100 Meters/ 330 Feet over CAT5e and above
Environmental	
Operating Temperature	23 to 125°F (-5 to 51°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	5-90% RH (No Condensation)
Cooling	1x 20mm Noctua Fan
Acoustic Noise Level	14.9 dB(A)
Power	
Max Power Consumption	23.04W (12V 1.92A)
Power Supply Unit	Input: AC 100-240V~ 50/60HZ Output: DC 12V 5A
Dimensions	
Mounting	
Dimensions (Unit only Width/Depth/Height)	mm: 439.67 x 315.98 x 44.45 in: 17.31 x 12.44 x 1.75
Dimensions (Packaged Width/Depth/Height)	mm: 552 x 482 x 165 in: 21.73 x 18.98 x 6.50
Weight (Unit)	9.34 lbs (4.24 kg)
Weight (Packaged)	12.47 lbs (5.66 kg)
Regulatory	CE/FCC/UL
Product Warranty	10 Years
Specifications subject to change without notice. Mass & dimensions are approximate	

## BENEFITS

### MULTI-VIEW FUNCTIONALITY

Users can display and share multiple video sources simultaneously on a single screen—ideal for a wide range of applications including video conferencing, esports, and watching multiple sporting events concurrently.

### CUSTOMIZABLE LAYOUTS

For installations requiring specific visual arrangements, customizable layouts provide the flexibility to tailor the screen presentation to meet the needs of unique or application-specific requirements.

### EDID MANAGEMENT

EDID management ensures optimal video output by automatically matching the source device settings (resolution, refresh rate, etc.) to the capabilities of the connected display. This minimizes compatibility issues and streamlines the user experience, particularly in complex multi-display environments.

### THIRD-PARTY CONTROL INTEGRATION

A robust and well-documented API enables seamless integration with third-party control systems, allowing users to manage the AC-MXNET-1G-MV41V2 with ease.

### ULTRA-LOW LATENCY (ULL)

The multiviewer's ultra-low latency ensures near-instantaneous response times—crucial for real-time applications where delay must be minimized to maintain performance and interactivity.

### USER-FRIENDLY INTERFACE

The familiar Mentor-style interface provides intuitive navigation and streamlined access to all essential settings and configuration options.

### FRONT PANEL OLED DISPLAY

A high-visibility OLED screen on the front panel allows users to quickly verify the unit's IP and MAC addresses without needing a computer connection. The display remains off when not in use to conserve energy and reduce visual clutter.