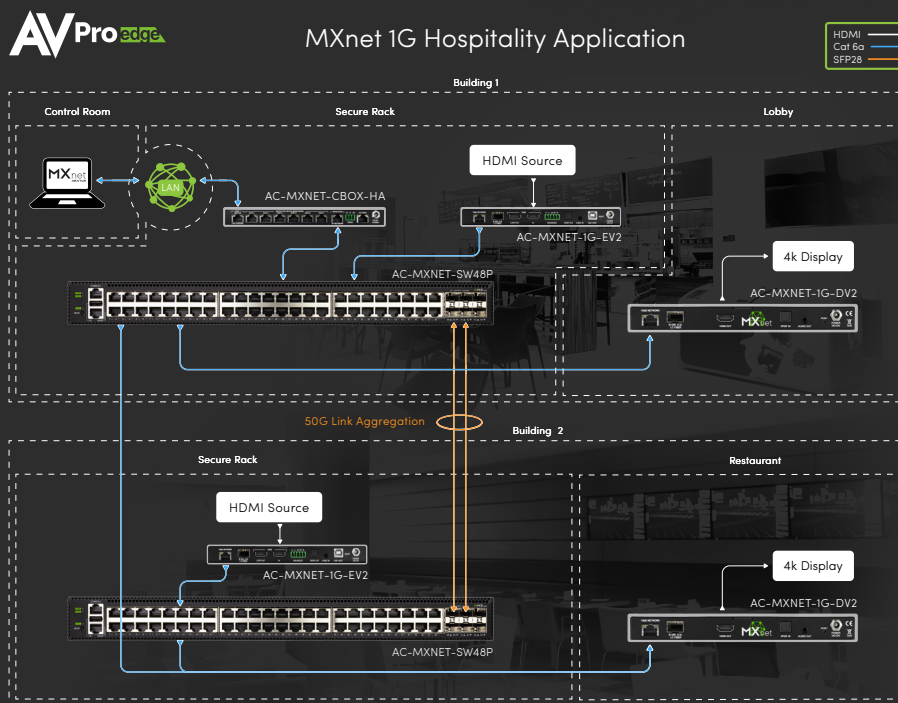




MXNet P-Series 48 Port 1G PoE Switch (AC-MXNET-SW48P)

The AC-MXNET-SW48P is the latest evolution of AVPro Edge's best-selling MXnet 1G switch lineup. As part of the MXnet P-Series, it ships factory preconfigured and optimized for MXnet 1G V1/V2, with VLAN, QoS, and IGMP Snooping dialed in out of the box, so integrators get predictable multicast performance with no configuration required. When a deployment grows beyond a single switch, the P-Series is the answer, supporting stacking and uplinking for MXnet 1G across multiple rooms, floors, or buildings. And with six 25G SFP28 uplink ports delivering significantly more bandwidth than its predecessor, the SW48P gives larger deployments the headroom they need to scale without compromise.

The AC-MXNET-SW48P is one part of the broader MXnet ecosystem, which includes Encoders, Network Switches, Control Processors, and other components for building a custom A/V distribution system. MXnet also handles resolution scaling, full EDID management, HDR and Dolby Vision metadata, and multifaceted video walls, and includes the MXnet MENTOR setup and control tool, making installations easy on the integrator while presenting a major WOW factor for your client.



PRODUCT SPECIFICATIONS

PORTS:

Physical Port	48× 10/100/1000Base-T PoE/PoE+ (41–48 PoE++)
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PERFORMANCE:

Switching Capacity	396 Gbps
Forwarding Rate	295 Mpps
Jumbo Frame	Up to 10,000 bytes
MAC Address	32K
ARP Table	8K
Routing Table	32K

MANAGEMENT PORTS:

Management Ports	1 x RJ45 Ethernet Management port
	1 x Console port
	1 x Reset port
	1 x USB 2.0 interface

ENVIRONMENTAL:

Relative Humidity	10%~90% non-condensing, storage 95%
Temperature	Working -5°C~45°C, storage -40°C~70°C

POWER:

Power Supply	AC: 100~240VAC, 50~60Hz
Power Consumption	<880W
PoE	IEEE 802.3af (PoE), IEEE 802.3at (PoE+), IEEE 802.3bt (PoE++ — ports 41–48 only)

DIMENSIONS:

Dimensions (Unit Only Width/Depth/Height)	mm: 441 x 419 x 38 inch: 17.38 × 16.5 × 1.5
Dimensions (Packaged Width/Depth/ Height)	mm: 654 x 559 x 152 inch: 25.75 x 22 x 6
Weight (Unit)	11.94 LBS/5.42 KG
Weight (Packaged)	16.45 LBS/7.46 KG
Regulatory	CE/FCC/UL
Product Warranty	10 Years

Specifications subject to change without notice. Mass & dimensions are approximate



FEATURE SET

- Full 48-port PoE/PoE+ — 740W total budget (PoE++ up to 90W on ports 41–48)
- Six 25G SFP28 fiber ports for stacking and uplinking (150 Gbps)
- 396 Gbps switching capacity / 295 Mpps forwarding rate
- VSF (Virtual Switch Framework) — stack multiple switches as one logical device
- IGMP Snooping & multicast VLAN support
- No licensing costs — all features included at purchase
- Factory preconfigured and optimized for MXnet 1G V1/V2
- 1RU rackmount form factor with internal AC power
- 10-year warranty