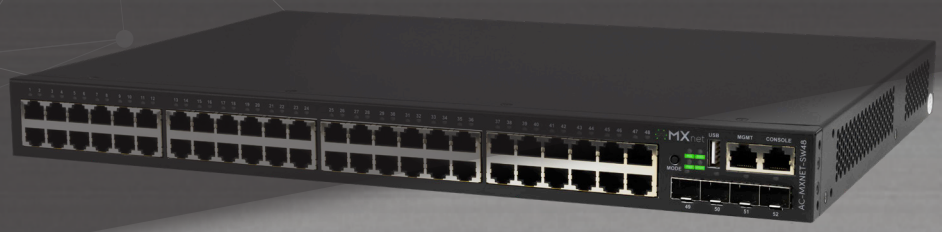
MXnet
NETWORKED VIDEO ECOSYSTEM



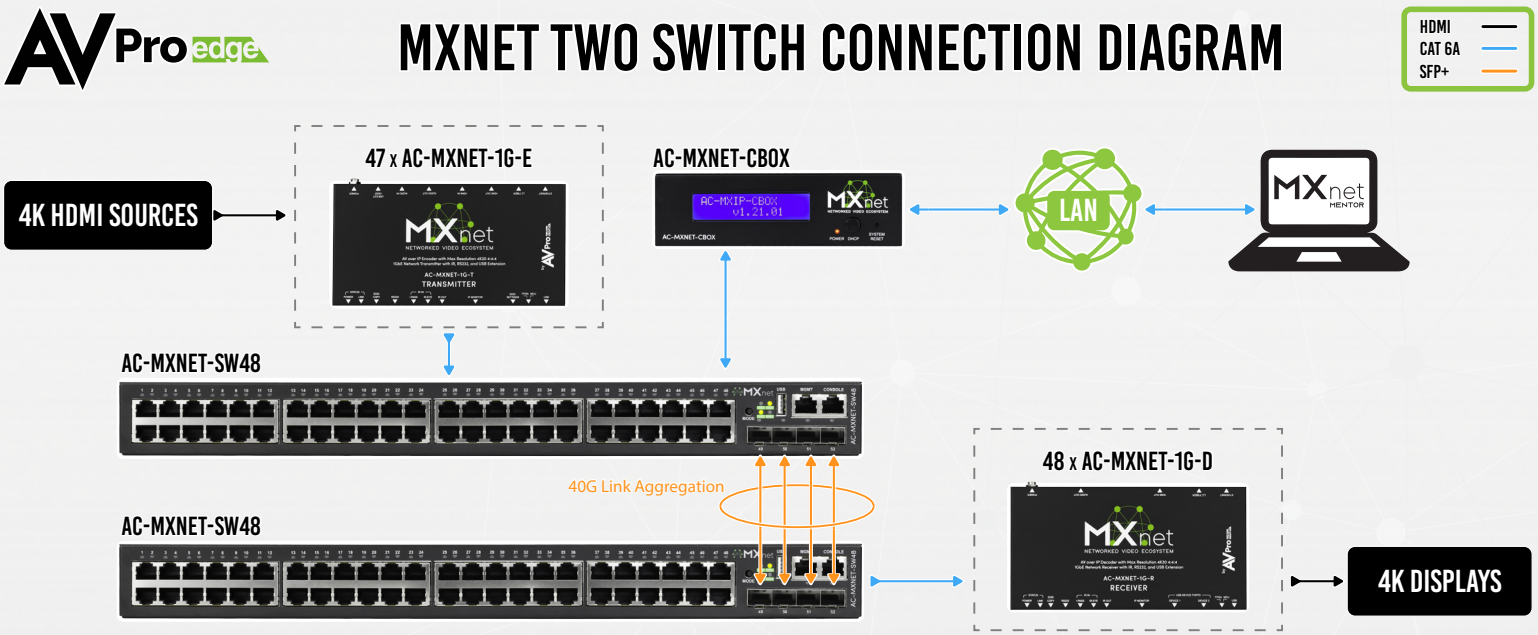
MXNet 48 Port Network Switch
(AC-MXNET-SW48)

The MXNet 48 Port Network Switch is the center from which all other MXNet Ecosystem platform components revolve. The AC-MXNET-SW48 (and also AC-MXNET-SW24) pack a serious A/V performance punch with the addition of AVPro Edge's proprietary design and engineering efforts. This isn't your father's network switch, and it's also not just a simple re-configuration of multicast switch components. The AC-MXNET-SW48 includes a whole new AVPro developed network switch operating system (NOS) designed to reduce multicast processor loads and adds unique AVPro developed Intelligent A/V Processing (IAVP) technologies for more efficient multicast routing.

The AC-MXNET-SW48 Network Switch is only one part of the MXNet Ecosystem that includes Encoders, Network Switches, Control Processors and other various components designed to facilitate the building of a custom A/V distribution system. MXNet's Ecosystem includes formatting such as resolution scaling, full EDID management, HDR and Dolby Vision metadata, multifaceted video walls, and includes the MXNet MENTOR setup and control tool - making installations easy on the integrator, while also presenting a major WOW factor for your client.

AVPro edge

MXNET TWO SWITCH CONNECTION DIAGRAM



MXNet by AVPro Edge
www.avproedge.com | info@avproedge.com | 877-886-5112 OR +1 605 274 6055

PRODUCT SPECIFICATIONS

PORTS:	
Physical Port	48 x 10/100/1000BaseT + 4 x 10GE(SFP+)
PERFORMANCE:	
Switching Capacity	176Gbps
Forwarding rate	131Mpps
Jumbo Frame	10K
MAC Address	16K
ARP Table	512
Routing Table	512
ACL Table	512
MANAGEMENT PORTS:	
Management Ports	1 x RJ45 Ethernet Management port
	1 x Console port
	1 x Reset port
	1 x USB2.0 interface
ENVIRONMENTAL:	
Relative Humidity	10%~90% non-condensing, storage 95%
Temperature	Working 0°C~50°C, storage -40°C~70°C
POWER:	
Power Supply	AC: 100~240VAC, 50~60Hz; DC: -52V~-57V
Power Consumption	<897W
PoE	IEEE 802.3af IEEE 802.3at Total PoE power: 740W
DIMENSIONS:	
Dimensions (Unit Only Width/Height/Depth)	mm: 440 x 44 x 320 inch: 17.3 × 1.73 × 12.6
Dimensions (Packaged Width/Depth/Height)	mm: 550 × 160 × 430 inch: 21.6 X 6.3 X 16.9
Weight (Unit)	11.7 LBS/5.3 KG
Weight (Packaged)	14.4 LBS/6.53 KG
Regulatory	CE/FCC/UL
Product Warranty	10 Years

Specifications subject to change without notice. Mass & dimensions are approximate
*4K60 4:4:4/4k60 4:2:2 Uses ICT Compression

FEATURE SET

- Full 48 port POE+ 740 Watts
- Four 10GB SFP fiber ports for stacking
- Less than 2 seconds switching time
- Less than 40ms latency
- “Whisper” Quiet Operation
- AVPro Edge developed NOS (Network Operating System)
- Multicast A/V firmware modules
- IAVP – Intelligent A/V Processing
- Factory pre-configured and optimized for A/V