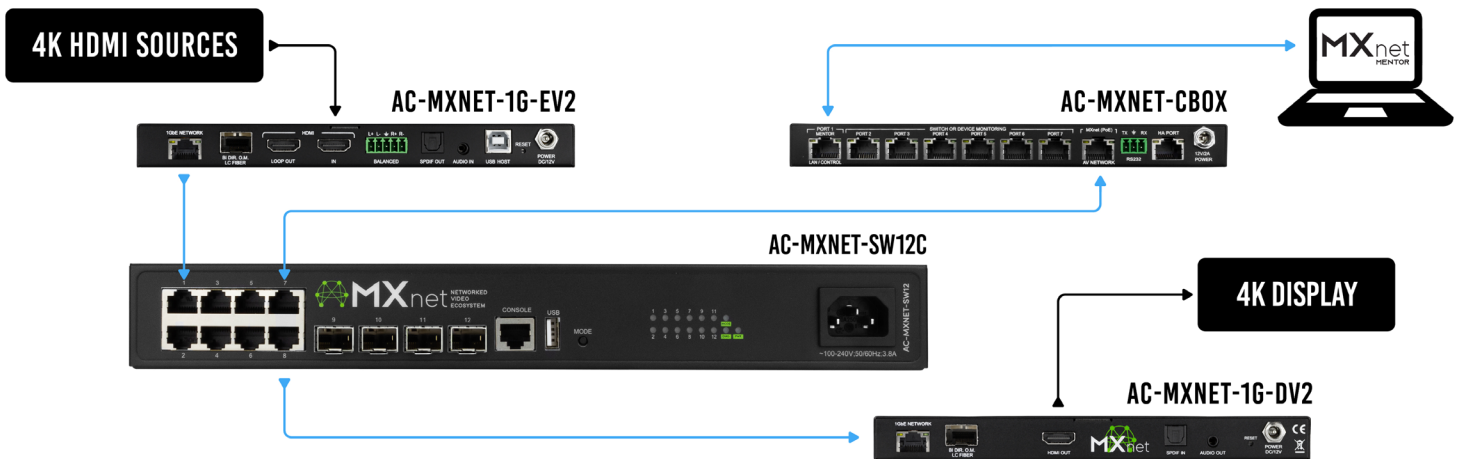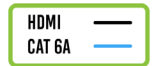# MXnet 12 Port Network Switch
(AC-MXNET-SW12)

Slotting into the MXnet ecosystem as a fast switching, low latency 12-port network switch for basic systems, the AVPro Edge AC-MXNET-SW12 is also perfect as a stackable add-on unit to our 24-port and 48-port switches, providing a flexible, lower cost extension option for planned or emergency system expansion. Four 10 Gbps SFP+ ports facilitate link aggregation through MXNet's Mentor software.

AC-MXNET-SW12 leverages the network operating system developed by AVPro Edge for the AC-MXNET-SW24 and AC-MXNET-SW48 network switches to analyze multicast packetization and optimize switch speed for data throughput. Like all AVPro Edge switches, the AC-MXNET-SW12 is preconfigured for plug-and-play simplicity with the MXnet ecosystem.

MXNET 1G SW12C CONNECTION DIAGRAM

HDMI
CAT 6A

4K HDMI SOURCES

AC-MXNET-1G-EV2

AC-MXNET-CBOX

AC-MXNET-SW12C

4K DISPLAY

AC-MXNET-1G-DV2

PRODUCT SPECIFICATIONS

Ports:	
Physical port	8 x 10/100/1000BaseT RJ-45 Ports 4 x 10G SFP+ Ports
Performace:	
Configuration	Layer 2 and Layer 2+
Switching Capacity	96 Gbps
Forwarding rate	71.4 Mpps
Jumbo Frame	10K
MAC Address	16K
Packet Buffer	12MB
VLAN Table	4K
ACL Table	512
Environmental:	
Relative Humidity	5%~90% non-condensing, storage 95%
Temperature	Working 0°C~50°C, storage -40°C~70°C
Power:	
Power Supply	AC:100~240VAC, 50~60Hz
Power Consumption	<150W
PoE	IEEE 802.3af IEEE 802.3at Total PoE power: 125W
Dimensions:	
Dimensions (Unit Only Height/Depth/Width)	mm: 44.45mm x 219.202mm x 323.85mm inch: 1.75 X 8.63 X 12.75
Dimensions (Packaged Height / Depth / Width)	mm: 114.3mm x 431.8mm x 330.2mm inch: 4.5 x 17 x 12.75
Weight (Unit)	5.08LBs / 2.29KG
Weight (Packaged)	7.5LBs / 3.40KG
Regulatory	CE/FCC/UL
Product Warranty	10 Years
Specifications subject to change without notice. Mass & dimensions are approximate	

FEATURE SET

- Eight copper PoE+ ports with 370 watts of available power
- Four 10 Gbps SFP+ ports
- MXnet 24- and 48-port network switch stackable with 40 Gbps link aggregation
- Packet pass-through optimized for MXnet AV-o-IP performance