

PRODUCT GUIDE

2023

Available from:



www.FutureReadySolutions.com



 **Bullet Train**

MXnet



ConferX



Bullet Train

THE AVPRO 'EDGE'



THE SUPPORT EDGE

Our CTS Certified Tech Support team has a unique philosophy. Instead of providing support on our products only, we will stay with you until your entire installation is up and running, no matter the different brands or products used.



THE DEVELOPMENT EDGE

AVPro Edge designs, engineers, and manufactures our products. Because of this, we are typically first to market with the latest technologies. This also means that we have unique features not seen from other companies.



THE MANUFACTURING EDGE

AVPro owns our manufacturing in Shenzhen, China. This allows us to control the entire process down to component selection for circuit boards inside our products. The more of the process you control, the more the cost goes down and the quality goes up.



THE MURIDEO EDGE

Our roots are deep in picture quality and accuracy. We were able to take the engineering power behind our HDMI test generators and analyzers and apply it to connectivity to create products unlike any others.



THE DISTRIBUTION EDGE

AVPro has curated relationships with trusted distribution partners across the globe to assure our products are available world-wide at the best prices.



THE ISF EDGE

All AVPro sales and support team members are ISF Level III certified and we host ISF (Imaging Science Foundation) display calibration seminars around the world. That means we understand the science behind a great picture.



THE EDUCATION EDGE

AVPro Academy is an AVIXA and CEDIA accredited class hosted by AVPro Edge that focuses on high bandwidth video distribution training. We also offer educational opportunities from ISF, HAA, and PVA.



THE 10 YEAR NO BS WARRANTY EDGE

AVPro Edge has developed a warranty that anyone can get behind. We take out all of the "red tape" and make it simple - 10 years, no BS.

CONTENTS

04	MXNET 1G
06	MXNET 10G
10	EXTENDERS
14	MATRIX SWITCHERS
16	AUDIO
17	INTEGRATION ESSENTIALS
18	CONFERX
19	USB
20	BULLET TRAIN HDMI CABLES

AVPro Edge specializes in full bandwidth audio-video distribution. Working alongside HDMI, HDBaseT, and HDCP, we pride ourselves on developing uniquely engineered solutions for today's integrator. From 40Gbps and 18Gbps matrix switchers and video wall processors to HDMI extension products and AV-over-IP, AVPro Edge's product line-up is diverse. Rather than throttling features, we provide integrators with cutting-edge, affordable solutions. We design each of our solutions to exploit every capability of the chipset inside. Ultimately, AVPro Edge sets itself apart from the competition with built-in features like scaling, test patterns, audio de-embedding, and audio downmixing. As an original equipment manufacturer, we are so confident with the reliability of our products that we offer an industry-leading ten-year manufacturer's warranty. At AVPro Edge, we continue to push audio-video technology into the future and make sure our customers receive dependable products along the way.

NETWORK SWITCHES

MXNet 1G 48, 24, & 10 Port Network Switches

MSRP: \$7,698.90 (AC-MXNET-SW48)

MSRP: \$3,848.90 (AC-MXNET-SW24)

MSRP: \$1,549.00 (AC-MXNET-SW10)

- AVPro Edge engineered and optimized multicast A/V firmware modules
- Less than 40ms latency
- Intelligent A/V Processing (IAVP)
- Less than two-seconds switching time



ENCODERS & DECODERS

Evolution I 1G HDMI Encoder and Decoder

MSRP: \$1,098.90 (AC-MXNET-1G-E)

MSRP: \$1,098.90 (AC-MXNET-1G-D)

- 4K/30Hz 4:4:4 support
- Independent bandwidth management
- Fiber Optic or Category transmission cabling
- USB/KVM Support

Evolution II 1G HDMI Encoder and Decoder

MSRP: \$1,299.00 (AC-MXNET-1G-EV2)

MSRP: \$1,299.00 (AC-MXNET-1G-DV2)

- 4K/60Hz 4:4:4 & HDR and Dolby Vision
- 18Gbps bandwidth support
- Enhanced text imaging clarity
- USB/KVM support



AC-MXNET-CBOX

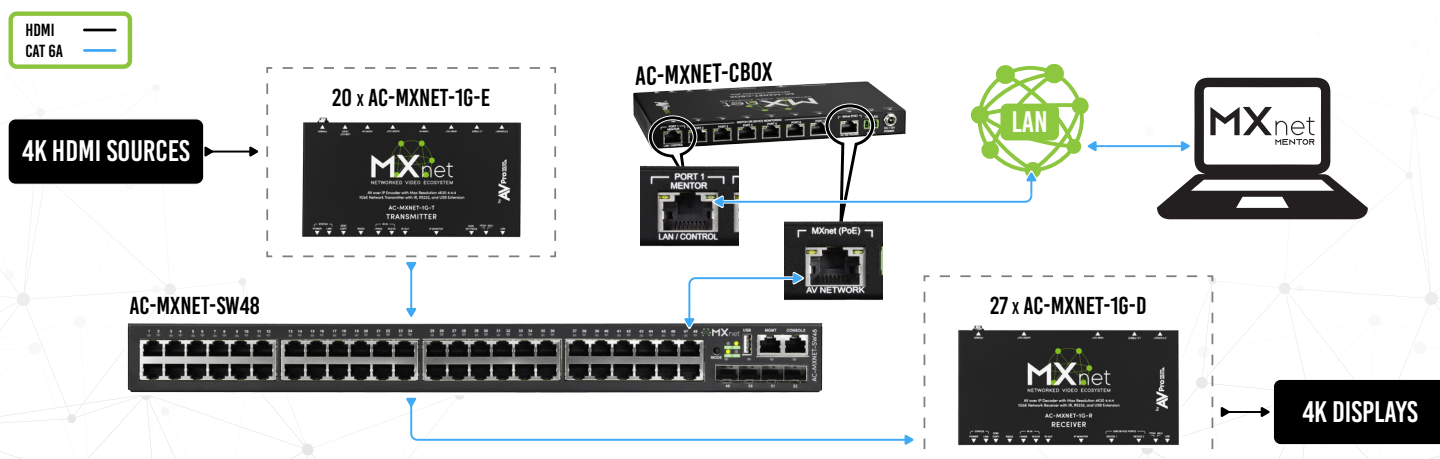
MXNet 1G Control Box

MSRP: \$719.00

- Web-based Apache Web Server
- POE powered (uses 1.3 Watts)
- Works with any multicast-capable, managed third-party switch
- MXNet Mentor pre-installed



Product Number	Description	MSRP
AC-MXNET-SW48	MXNet 48 Port Network Switch	\$7,698.90
AC-MXNET-SW24	MXNet 24 Port Network Switch	\$3,848.90
AC-MXNET-SW10	MXNet 10 Port Network Switch	\$1,549.00
AC-MXNET-1G-EV2	MXNet 1G Evolution II Encoder	\$1,299.00
AC-MXNET-1G-AVDM-EV2	MXNet 1G Evolution II Downmixing Encoder	\$1,549.00
AC-MXNET-1G-E	MXNet 1G Evolution I Encoder	\$1,098.90
AC-MXNET-1G-AVDM-E	MXNet 1G Evolution I Downmixing Encoder	\$1,483.90
AC-MXNET-1G-EWP	MXNet 1G Evolution I Wall Plate Encoder	\$1,098.90
AC-MXNET-1G-DV2	MXNet 1G Evolution II Decoder	\$1,299.00
AC-MXNET-1G-D	MXNet 1G Evolution I Decoder	\$1,098.90
AC-MXNET-1G-D-SEA	MXNet 1G Evolution I Decoder - Weatherproof	\$1,219.00
AC-MXNET-CBOX	MXNet Control Box	\$713.90
AC-MXNET-SFP-MM	1.25G Multimode SFP LC Module	\$108.90
AC-MXNET-10G-SFPP-MM	10G SFP+ 850nm 300m LC MMF Transceiver Module	\$218.90
AC-MXNET-SFP-C100	1.25G SFP to RJ45 Module	\$49.00
AC-MXNET-STACK-JUMP	0.5 Meter Fiber Optic Link Cable	\$79.00
AC-MXNET-STACK-1M	1 Meter DAC Stacking Cable	\$89.00
AC-MXNET-STACK-2M	2 Meter DAC Stacking Cable	\$99.00
AC-MXNET-STACK-3M	3 Meter DAC Stacking Cable	\$109.00
AC-MXNET-1G-12VPSU	12V Power Supply	\$54.99



AC-MXET-10G-SW12C

MXNet 10G 12 Port PoE Network Switch

MSRP: \$6,499.90

- Industry-first design to traffic both data and PoE through 12 common ports
- Copper (PoE) Stackable with six, 10G/25G SFP28 Uplink Ports
- Twelve-each, industry-first 10G-mGig RJ45 Ports (POE/POE+/POE++)



NETWORK SWITCHES

MXNet 10G 48 & 24 Port Network Switches

MSRP: \$26,500.00 (AC-MXNET-10G-SW48Q)

MSRP: \$10,999.00 (AC-MXNET-10G-SW24Q)

- 10G SFP on each port
- Stackable with QSFP+ 40Gbps ports
- Zero-latency for Audio/Video
- Engineered for MXNet



AC-MXNET-10G-TCVR

MXNet 10G Transceiver HDMI Encoder/Decoder Unit

MSRP: \$1,769.00

- Dual-10GbE ports, copper or fiber
- Near-zero latency
- Signals less than 10G uncompressed
- Multi-view support



AC-MXNET-10G-TCVR-PRO

MXNet 10G Transceiver HDMI Encoder/Decoder with ICRON's USB 2.0, ExtremeUSB™ & Dante

MSRP: \$2,499.00

- ExtremeUSB® for full featured USB 2.0 Support
- Dual 10GbE ports, copper or fiber
- Multi-view support

AC-MXNET-10G-CBOX

MXNet 10G Control Box

MSRP: \$1,999.00

- Hosts MXNet Mentor software
- 10GbE port for Screen Preview
- Switch management
- Easy EDID and scaling configuration



Product Number	Description	MSRP
AC-MXNET-10G-SW48Q	10G 48X SFP+ Stackable Network Switch with Six 40G QSFP+	\$26,500.00
AC-MXNET-10G-SW24Q	10G 24X SFP+ Stackable Network Switch with Two 40G QSFP+	\$10,999.00
AC-MXNET-10G-SW12C	10G 12X Copper (PoE++) Stackable Network Switch with Six 10G/25G SFP28	\$6,499.00
AC-MXNET-10G-TCVR	MXNet 10G SDVoE Transceiver	\$1,769.00
AC-MXNET-10G-TCVR-AVDM	MXNet 10G SDVoE Transceiver with Downmixing Module	\$2,219.00
AC-MXNET-10G-TCVR-PRO	MXNet 10G SDVoE Transceiver with ICRON's USB 2.0, ExtremeUSB™ & Dante Module	\$2,499.00
AC-MXNET-10G-TCVR-USBX	MXNet 10G SDVoE Transceiver with ICRON's USB 2.0, ExtremeUSB™ module	\$2,499.00
AC-MXNET-10G-CBOX	MXNet 10G Control Box	\$1,999.00
AC-MXNET-10G-HDRACK	MXNet Metal Rack for up to 12 Transceivers or Control Boxes	\$399.00
AC-MXNET-POE-PSU24	PoE Provider for MXNet Endpoints	\$879.00
AC-10G-SFPP-MM	10G SFP+ Multi-Mode Fiber Module	\$79.00
AC-10G-SFPP-SM	10G SFP+ Single-Mode Fiber Module	\$119.00
AC-10G-SFPP-C30	10G SFP+ Copper RJ45 30M Module	\$299.00
AC-10G-SFPP-C80	10G SFP+ Copper RJ45 80M Module	\$549.00
AC-10G-SFPP-C100	10G SFP+ Copper RJ45 100M Module	\$599.00
AC-25G-SFP28-MM	25G SFP28 Multi-Mode Fiber Module	\$179.00
AC-25G-SFP28-SM	25G SFP28 Single-Mode Fiber Module	\$219.00
AC-10G-AOC-01	10G SFP+ 1 Meter Active Optical Cable	\$109.00
AC-10G-AOC-02	10G SFP+ 2 Meter Active Optical Cable	\$115.00
AC-10G-AOC-03	10G SFP+ 3 Meter Active Optical Cable	\$119.00
AC-25G-AOC-01	25G SFP28 1 Meter Active Optical Cable	\$209.00
AC-25G-AOC-02	25G SFP28 2 Meter Active Optical Cable	\$219.00
AC-25G-AOC-03	25G SFP28 3 Meter Active Optical Cable	\$229.00
AC-40G-AOC-01	40G QSFP+ 1 Meter Active Optical Cable	\$349.00
AC-40G-AOC-02	40G QSFP+ 2 Meter Active Optical Cable	\$359.00
AC-40G-AOC-03	40G QSFP+ 3 Meter Active Optical Cable	\$379.00
AC-40G-BOC-01	40G QSFP+→4x10G SFP+ 1 Meter Break-Out Active Optical Cable	\$379.00
AC-40G-BOC-02	40G QSFP+→4x10G SFP+ 2 Meter Break-Out Active Optical Cable	\$409.00
AC-40G-BOC-03	40G QSFP+→4x10G SFP+ 3 Meter Break-Out Active Optical Cable	\$419.00

EXTENDER COMPARISON

Model	Max Distance 4K	Max Distance 1080p	Max Bandwidth	HDR Support	Dolby Vision Support	Ethernet
POINT TO POINT EXTENDERS						
AC-EXO-X-KIT	300 Meters (OM4 or OM5)	300 Meters (OM4 or OM5)	40 Gbps	Full	Yes	No
AC-EXO-444-KIT	2000 Meters	2000 Meters	18 Gbps	Full	Yes	No
AC-EX100-444-KIT	100 Meters	100 Meters	18 Gbps	Full	Yes	Yes (4 ports)
AC-EX70-444-KIT	70 Meters	150 Meters	18 Gbps	Full	Yes	Yes (4 ports)
AC-EX70-UHD-ARC	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-EX70-UHD-KIT	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-EX70-UHD-BKT	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-EX40-444-PLUS-KIT	40 Meters	70 Meters	18 Gbps	Full	Yes	No
AC-EX40-444-KIT	40 Meters	70 Meters	18 Gbps	Full	Yes	No
AC-EX40-444-KIT-SEA (weatherproof)	40 Meters	70 Meters	18 Gbps	Full	Yes	No
CONFERX WALL PLATE LINE-UP						
HDMI, USB-C/HDMI, VGA/HDMI	70 Meters	100 Meters	10.2 Gbps	Limited	Limited	No
AC-CXWP-HDMO-BKT	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-CXWP-KVM-KIT	40 Meters	70 Meters	18 Gbps	Full	Yes	No
STANDALONE RECEIVERS & TRANSMITTERS						
AC-EX70-UHD-R	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-EX70-444-RNE	70 Meters	100 Meters	18 Gbps	Full	Yes	No
AC-EX70-444-RNE-SEA (weatherproof)	70 Meters	100 Meters	18 Gbps	Full	Yes	No
AC-EX70-444-RNE-P (includes 48V power supply)	70 Meters	100 Meters	18 Gbps	Full	Yes	No
AC-EX70-SC2-R	70 Meters	100 Meters	18Gbps	Full	Limited	No
AC-EX70-444-TNE	70 Meters	100 Meters	18Gbps	Full	Yes	No
AUDIO ONLY EXTENDERS						
	Max Distance	Audio Supported (Coax)				
AC-AEX-KIT	130M STP 100M UTP	2CH				
USB ONLY EXTENDERS						
	Max Distance	USB Device Ports				
AC-EXUSB-2-KIT	100 Meters	4 x USB A 2.0				

IR/RS232 pass-through	EDID Management	Bi-Directional Power	Audio Extraction	Test Pattern	Scaling	Link Cable Type	MSRP
Full	Limited	No	No	Yes	Yes	Multi-Mode Fiber	\$1,799.00
Full	Full	No	Yes (features ARC)	Yes	Yes	Multi-Mode or Single-Mode Fiber	\$1,868.90
Full	Full	Yes	Yes (features ARC)	Yes	Yes	CAT 6a	\$1,703.90
Full	Full	Yes	Yes	Yes	Yes	CAT 6a	\$1,208.90
Full	Full	Yes	Yes (features ARC)	No	No	CAT 6a	\$713.90
Full	No	Yes	No	No	No	CAT 6a	\$658.90
Limited	No	Yes	No	No	No	CAT 6a	\$482.90
Full	Full	Yes	Yes (features ARC)	Yes	Yes	CAT 6a	\$1,461.90
Full	Full	Yes	Yes	Yes	Yes	CAT 6a	\$973.50
Full	Full	Yes	Yes	Yes	Yes	CAT 6a	\$1,648.90
No	Yes	No	No	No	No	CAT 6a	\$713.90/ \$966.90/\$405.90
No	No	No	No	No	No	CAT 6a	\$878.90
Full	Full	Yes	Yes (features ARC)	Yes	Yes	CAT 6a	\$1,703.90
Full	No	Yes	No	No	No	CAT 6a	\$339.90
Full	No	Yes	Yes	No	No	CAT 6a	\$658.90
Full	No	Yes	Yes	No	No	CAT 6a	\$1,318.90
Full	No	Yes	Yes	No	No	CAT 6a	\$658.90
Yes	Yes	No	Yes	Yes	Yes	CAT 6a	\$849.00
Full	Yes	Yes	Yes	No	No	CAT 6a	\$658.90
Audio Supported (Toslink)				Cable Type		Ideal For	
2CH/5.1 Dolby Digital				CAT 6a		Extending remote audio sources over single CAT	\$306.90
USB Host Ports				Cable Type		Ideal For	
USB B 2.0				CAT 6a		USB only	\$691.90

FEATURED EXTENDERS

AC-EXO-X-KIT

8K/60Hz 40Gbps 300M HDMI Extender Kit via Fiber Optics

MSRP: \$1,799.00

- HDMI 2.1
- 4K/120fps Support
- Built-in loop out and scaler on receiver
- Single-strand multi-mode fiber with LC Connector



AC-EX100-444-KIT

4K/60Hz 18Gbps 100M HDMI/USB/Ethernet Extender Kit via HDBaseT

MSRP: \$1,703.90

- HDBaseT Spec 3.0 technology
- Dolby Vision, HDR10, HDR10+ support
- eARC support
- 1 Gbps Ethernet capability (10/100)
- USB 2.0 with 390Mbps support for KVM functions



AC-EX70-UHD-KIT

4K/30Hz 10Gbps HDMI Extender Kit via HDBaseT

MSRP: \$658.90

- EDID management
- 4K/30Hz 10.2Gbps support
- May be powered from one side only
- 70M (230ft) with 1080P & up to 40m (131ft) with 4K
- Ultra-slim form factor (.47 inch/12mm)



AVPro Edge offers extenders for every installation. From our top of the line 444 series – capable of 18Gbps data rates, 4K resolutions, 60 frames per second, 4:4:4 color space with High Dynamic Range and Wide Color Gamut – to our most basic 10Gbps 70M kit, our extenders are built to perform and last in the most mission critical environments.

Product Number	Description	MSRP
40Gbps		
AC-EXO-X-KIT	8K 40Gbps HDMI Extender via Optical Fiber Kit (Tx & Rx)	\$1,799.00
18Gbps		
AC-EXO-444-KIT	2KM/300M HDMI Extender via Optical Fiber Kit (Tx & Rx)	\$1,868.90
AC-EX40-444-PLUS-KIT	40m 18Gbps 4K60 (4:4:4) HDBaseT 3.0 Extender Kit (Tx & Rx) with USB Extension, ARC	\$1,461.90
AC-EX40-444-KIT	40m 18Gbps 4K60 (4:4:4) HDBaseT Extender Kit (Tx & Rx)	\$973.50
AC-EX40-444-KIT-SEA	40m 18Gbps 4K60 (4:4:4) HDBaseT Extender Kit (Tx & Rx) – Weatherproof	\$1,648.90
AC-EX70-444-KIT	70m 18Gbps 4K60 (4:4:4) HDBaseT Extender Kit (Tx & Rx)	\$1,208.90
AC-EX70-444-RNE	70M 18Gbps 4K60 (4:4:4) HDBaseT Receiver	\$658.90
AC-EX70-444-RNE-P	70M 18Gbps 4K60 (4:4:4) HDBaseT Receiver with Power Supply	\$678.90
AC-EX70-444-RNE-SEA	70M 18Gbps 4K60 (4:4:4) HDBaseT Receiver – Weatherproof	\$1,318.90
AC-EX70-444-TNE	70M 18Gbps 4K60 (4:4:4) HDBaseT Transmitter	\$658.90
AC-EX70-SC2-R	70M 18Gbps 4K60 (4:4:4) Scaling HDBaseT Receiver	\$933.90
AC-EX100-444-KIT	100M 18Gbps 4K60 (4:4:4) HDBaseT 3.0 Extender Kit (Tx & Rx) with USB Extension, ARC, eARC	\$1,703.90
10.2Gbps		
AC-EX70-UHD-KIT	70M 10.2 Gbps HDBaseT Extender Kit	\$658.90
AC-EX70-UHD-ARC	70M 10.2 Gbps HDBaseT Extender Kit with ARC and EDID Management	\$713.90
AC-EX70-UHD-BKT	70M Basic 10.2 Gbps HDBaseT Extender Kit	\$482.90
AC-EX70-UHD-R	70M 10.2 Gbps HDBaseT Receiver	\$339.90
ACCESSORIES		
AC-PSU-SQUID	Power supply for up to 8 Extenders	\$328.90
AC-EZRACK-15	Rack Mount for up to 15 Extenders	\$328.90

MATRIX COMPARISON

Model	4K (9Gbps)	4K (HDR 18Gbps)	8K (HDR 40Gbps)	HDBaseT	Scalers	EDID MGMT	Switch Speed (Avg Sec)	Audio Extraction Modes
AC-MX-88X	Yes	Yes	Yes	No	Yes (only downscalers)	Yes	5	Bind to Output
AC-MX-42X	Yes	Yes	Yes	No	Yes (only downscalers)	Yes	5	Bind to Output
AC-MX-42	Yes	Yes	No	No	Yes (one)	Yes	5	Bind to Output
AC-MX-82RM	Yes	Yes	No	No	Yes (one)	Yes	5	Bind to Output
AC-MX-44	Yes	Yes	No	No	Yes	Yes	5	Bind to In/Out Matrix
AC-MX-44HDBT	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix
AC-MX-88	Yes	Yes	No	No	Yes	Yes	5	Bind to In/Out Matrix
AC-MX-88HDBT	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix
AC-MX-1616	Yes	Yes	No	No	No	Yes	3	Bind to In/Out Matrix
AXION Matrix Switchers								
AC-AXION-4	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix
AC-AXION-8	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix
AC-AXION-X (Customizable 16x16 Chassis)	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix
ConferX Matrix Switchers								
AC-CX42-AUHD	Yes	Yes	No	Yes	Yes (one)	Yes	5	Bind to Output
AC-CX62-AUHD	Yes	Yes	No	Yes	Yes (one)	Yes	5	Bind to Output
AC-CX84-AUHD	Yes	Yes	No	Yes	Yes (HDBT - Downscaled) (HDMI - Upscaled)	Yes	5	Bind to In/Out Matrix

*The MX-44HDBT and MX-88HDBT matrix switchers will only upscale HD to 4K on the HDMI Output and will only downscale 4k to HD on the HDBaseT Output

Audio Ports	Audio Codecs (On HDMI or HDBT)	Audio Codecs (Extracted)	Dolby/DTS to 2 CH Downmix	MSRP
Toslink/Analog L/R	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	Toslink: LPCM up to 5.1 96KHz 24 Bit, Dolby Digital 5.1, DTS HiRes Audio Analog L/R: 2Ch PCM	Built-in downmixers on each input	\$9,999.00
Toslink/Analog L/R	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	Toslink: LPCM up to 5.1 96KHz 24 Bit, Dolby Digital 5.1, DTS HiRes Audio Analog L/R: 2Ch PCM	Use AC-AVDM-AUHD	\$1,208.90
SPDIF Optical/Stereo RCA	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD	\$856.90
SPDIF Optical/Stereo RCA	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD	\$1,318.90/ \$1,538.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD	\$2,440.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD	\$4,618.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD	\$6,048.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD	\$10,998.90
5-pin terminal block (Balanced)	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	2CH PCM	Use AC-AVDM-AUHD	\$12,098.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Built-in downmixers on each input	\$5,278.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Built-in downmixers on each input	\$14,628.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use Downmixing Input Card	\$9,678.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A	\$1,318.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A	\$1,758.90
5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A	\$4,948.90

FEATURED MATRIX SWITCHERS

AC-MX-88X

8K/60Hz 40Gbps 8x8 HDMI Matrix Switcher

MSRP: \$9,999.00

- HDMI 2.1
- Independent EDID management
- 8K/60Hz support up to 40Gbps
- HDR10, HDR10+, HLG, & Dolby Vision support
- 8K > 4K > 1080p Down Scaling at each output

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

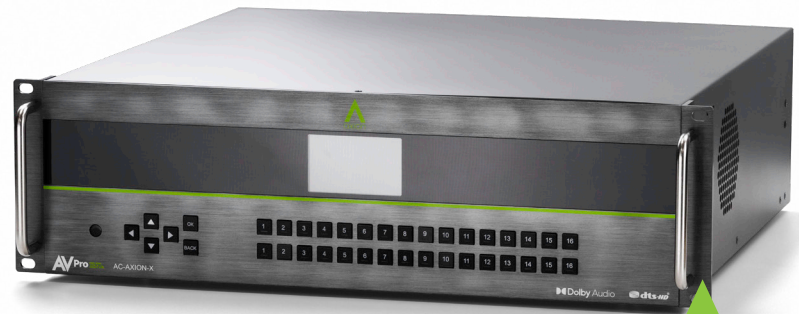


AC-AXION-X

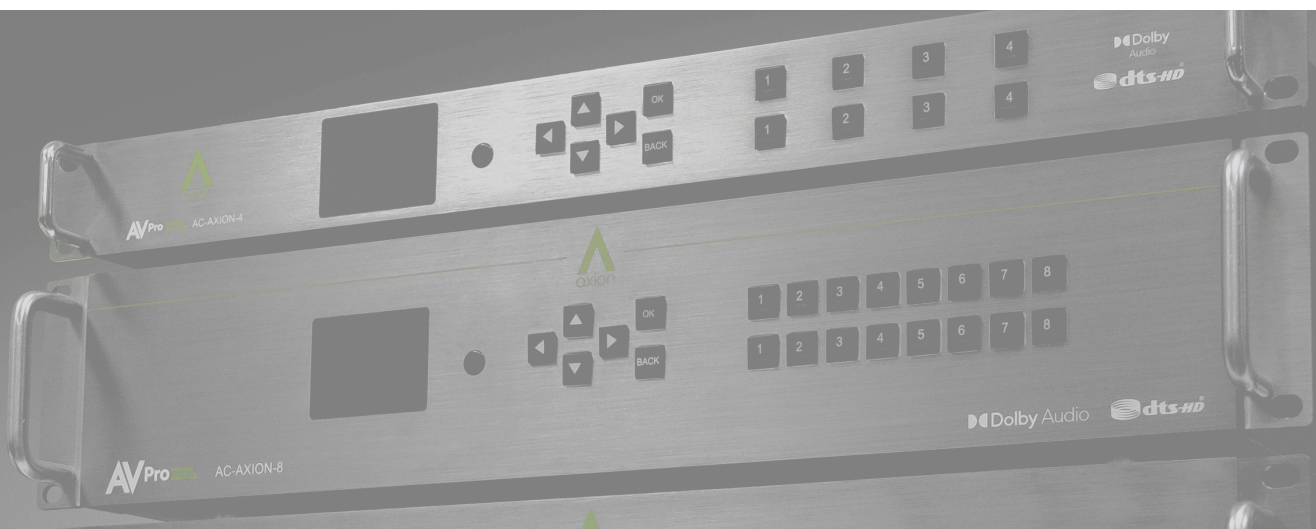
AXION - 4K/60Hz 18Gbps 16x16 Modular Matrix Switcher Chassis

MSRP: \$9,678.90 (chassis only)

- HDMI 2.0
- Up to 16 inputs and 16 outputs
- 4K/60Hz 4:4:4 18Gbps support
- HDR10, HDR10+, HLG, & Dolby Vision support
- HDBaseT and HDMI input and output options



axion



Product Number	Description	MSRP
AC-MX-88X	8x8 8K 40Gbps HDMI Matrix Switch	\$9,999.00
AC-MX-42X	4x2 8K 40Gbps HDMI Matrix Switch	\$1,208.90
AC-MX-42	4x2 18Gbps Auto-Switching HDMI Matrix Switch	\$856.90
AC-MX-82RM	8x2 18Gbps Auto-Switching HDMI Matrix Switch	\$1,318.90
AC-MX-44	4x4 18Gbps HDMI Matrix Switch	\$2,440.90
AC-MX-44HDBT	4x4 18Gbps HDMI/HDBaseT Matrix Switch	\$4,618.90
AC-MX-88	8x8 18Gbps HDMI Matrix Switch	\$6,048.90
AC-MX-88HDBT	8x8 18Gbps HDMI/HDBaseT Matrix Switch	\$10,998.90
AC-MX-1616	16x16 18Gbps HDMI Matrix Switch	\$12,098.90
AXION		
AC-AXION-4	4x4 18Gbps HDMI/HDBaseT Matrix Switch with built-in 7.1 Down-mixing	\$5,278.90
AC-AXION-8	8x8 18Gbps HDMI/HDBaseT Matrix Switch with built-in 7.1 Down-mixing	\$14,628.90
AC-AXION-X	16x16 Custom Modular Matrix Chassis	\$9,678.90
AC-AXION-IN-AUHD	Input Card with 2 HDMI Inputs	\$499.00
AC-AXION-IN-AVDM	Input Card with 2 HDMI Inputs and 7.1 Down-mixing	\$1,429.00
AC-AXION-IN-HDBT	Input Card with 2 HDBaseT Inputs	\$1,329.00
AC-AXION-IN-MCS	Input Card with 2 HDMI Inputs and MCS (Mission Critical Scaling)	\$879.00
AC-AXION-IN-AUDIO	Input Card with 2 RCA 2 Channel and Toslink Inputs	\$499.00
AC-AXION-IN-BLANK	Blank Plate Cover for Input Port	\$31.90
AC-AXION-OUT-AUHD	Output Card with 2 HDMI Outputs	\$449.00
AC-AXION-OUT-HDBT	Output Card with 2 HDBaseT Outputs	\$1,329.00
AC-AXION-OUT-MCS	Output Card with 2 HDMI Outputs and MCS (Mission Critical Scaling)	\$879.00
AC-AXION-OUT-BLANK	Blank Plate Cover for Output Port	\$31.90
ACCESSORIES		
AC-IRTX-VIS	Visible Light [Red] IR Emitter Eye	\$8.80
AC-IRTX-VIS-10	10 Pack of Visible Light [Red] IR Emitter Eyes	\$86.90
AC-CABLE-3PIN-2CH	3 Pin Phoenix Connector to 2 CH Audio Outputs	\$27.50
AC-CABLE-5PIN-2CH	5 Pin Phoenix Connector to 2 CH Audio Outputs	\$27.50



AC-MAX-24

24-port 2-Ch Audio Matrix with Dual AEX Inputs & Outputs

MSRP: \$2,499.00

- Twenty Analog input pairs / Twenty-two Analog output pairs
- Two Coaxial / TOSLINK Digital inputs
- Four 12V output triggers
- Comprehensive API adjustments for all audio parameters
- Works with most third-party control systems



AC-AEX-RC-HUB

Audio Receiver Hub with 8 AEX Inputs & 4 Stereo Inputs with 12 Stereo Outputs

MSRP: \$1,799.00

- 12 total inputs, 8 featuring long-range extension using Power over Cable (PoC) category cable
- Bring audio to rack from external devices with internal streaming apps
- Home-run audio from remote sources
- 12 TOSLINK digital and RCA analog stereo outputs with AVPro Edge Dual-Play simultaneous output



Product Number	Description	MSRP
AC-MAX-24	24 port 2CH Audio Matrix with Dual AEX Inputs and Outputs	\$2,499.00
AC-AEX-RC-HUB	Audio Receiver Hub with 8 AEX Inputs and 4 Stereo Inputs with 12 Stereo Outputs	\$1,799.00
AC-AEX-KIT	100M Uncompressed Audio Extender Kit	\$306.90
AC-AEX-T	Audio Transmitter	\$199.00
AC-AVDM-AUHD	18Gbps 8 channel bit stream audio down-mixer w/ Dolby Audio™ & DTS-HD®	\$1,098.90
AC-DAC-CO2	Digital to Analog Audio Converter	\$141.90

INSTALLATION ESSENTIALS

Product Number	Description	MSRP
DISTRIBUTION AMPLIFIERS		
AC-DA-14X	1x4 40Gbps Distribution Amplifier with Downscaling	\$999.00
AC-DA12-AUHD-GEN2	1x2 18Gbps Distribution Amplifier with Audio De-embedding & Down-scaling	\$306.90
AC-DA14-AUHD-GEN2	1x4 18Gbps Distribution Amplifier	\$394.90
AC-DA18-AUHD-GEN2	1x8 18Gbps Distribution Amplifier	\$856.90
AC-DA210-HDBT	2x10 18Gbps HDMI to HDBaseT Distribution Amplifier	\$4,068.90
AC-DA210-HDBT-KIT	2x10 18Gbps HDMI to HDBaseT Distribution Amplifier Kit (includes 8 70M Rx)	\$8,248.90
INTEGRATOR TOOLS		
AC-SC-1X	8K 40Gbps Down Scaler, EDID Manager, & Audio De-Embedder	\$429.00
AC-SC2-AUHD-GEN2	18Gbps Universal Signal Manager, Up/Down Scaler, EDID Manager	\$603.90
AC-CONVERT-HDDP	HDMI to Displayport Converter/1x2 Distribution Amplifier	\$658.90
TROUBLESHOOTING TOOLS		
MU-FXHD-KIT	18Gbps HDMI Testing and Troubleshooting Kit	\$1,995.00
MU-M4SOL-BASE	MSTest Pro HDBaseT Tester Base, Tx and Rx Module, Carrying Case	\$2,195.00
MU-M4SOL-DC	DC Resistance Add on Module	\$395.00
MU-M4SOL-HCT		

MATRIX SWITCHERS

4K/60Hz 18Gbps Multi-Format HDMI & HDBaseT Matrix Switchers

MSRP: \$1,318.90 (AC-CX42-AUHD)

MSRP:

AC-EXUSB-2-KIT

USB 2.0 via HDBaseT 100 Meter Extender

MSRP: \$691.90

- USB 2.0 up to 100 Meters
- Support for Zoom and Microsoft teams
- Support for USB

48GBPS PREMIUM HDMI CABLES

8K/60Hz Ultra-High Bandwidth Passive HDMI Cables

All HDMI cables are not created equal. Bullet Train has developed HDMI cables built for mission-critical environments where stability is key. Tried and tested, Bullet Train cables are highly engineered to be a long-lasting part of any audio/video system.

48GBPS PREMIUM ACTIVE OPTICAL HDMI CABLES

8K/60Hz Ultra-High Bandwidth Active Optical HDMI Cables

- 48Gbps maximum bandwidth
- Cleerline Fiber Optic technology
- CL2/CL3 In

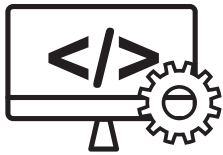


JEFF MURRAY
PRESIDENT & CEO



MATT MURRAY
CTO

RESIDENTIAL AV SALES TEAM



DRIVERS

avproedge.com/drivers



PHYSICAL ADDRESS

2222 E 52nd Street N
Sioux Falls, SD 57104

Available from:



www.FutureReadySolutions.com