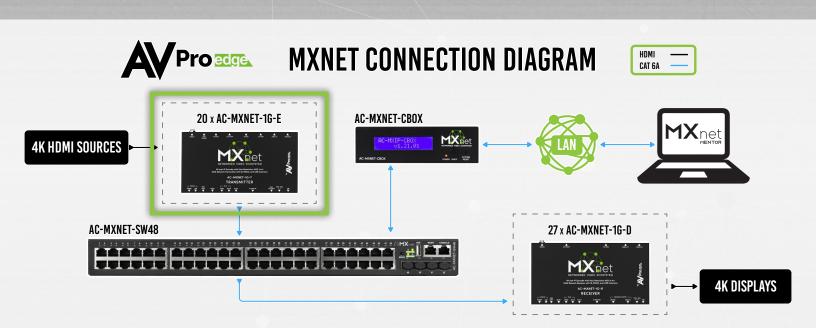
NETWORKED VIDEO ECOSYSTEM

MXNet 1G ENCODER (AC-MXNET-1G-E)

This is where the signal starts – the MXNet Encoder/Transmitter device. Connect this to any HDMI source, and it will encode the audio/video signal into a multicast data format that can be routed to any Decoder endpoint within the project/installation. This device connects directly via category cable (CAT 6A recommended) or fiber optics to the MXNet Switch (AC-MXNET-SW48 or SW24) or any other compatible, multicast-capable, managed L3 network switch. The AC-MXNET-1G-E will encode a full 4K 4:4:4 60Hz HDMI video signal – along with audio, control, power, and HDR metadata signals. And, it does all this with next to zero latency.

MXNet Encoders encode audio/video/control signals into IP packets using an optimized JPEG2000 codec at a flexible data rate (200Mbps for 1080p content, 300Mbps for 4K30 content, 850Mbps at peak). The AC-MXNET-1G-E Encoder also supports stand-alone point-to-point applications when connected directly to an AC-MXNET-1G-D Decoder.

The AC-MXNET-1G-E Encoder 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.



MXNet by AVPro Edge

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PRODUCT SPECIFICATIONS

Signal Type DVI 1.0, HDMI 2.0b Video Resolution 4K@60Hz 4:44*, 4K@30Hz 4:44, 4K@60Hz 4:2:0 HDR Format HDR 10, HLG, DV Chroma Subsampling 444, 422, 420 Bit Depth per Color 1080P (IoBit), 4k (10, 12 Bit) AUDIO: PCM 2, 51, 71 Channel, Dolby Digital 5.1 Channel, Dolby Digital Fus, DTS 5.1 Channel, DTS - HD High Resolution Description Balanced Analog Audio De-Embedded Audio Stereo Analog Audio De-Embedded Audio Balanced Analog Audio De-Embedded Audio Balanced Analog Audio PORTS: Ethernet (1) × female R]-45, POE SFP (1) × S Pin Terminal Block, Balanced L/R Audio out (1) × 3.5 mm mini stereo jack, Audia in (1) × 1.5 mm mini stereo jack, Audia in (1) × 1.5 mm mini stereo jack, Audia in (1) × 5 Pin Terminal Block USB (1) × USB 2.0 Type-B for USB extension and KVM, (1) × USB 1.0 Type A for USE extension and KVM, (1) × USB 1.0 Type -B for MXNET service DISTANCE: Ethernet 100 Meters/ 330 Feet over CAT5e and above SFP and Fiber 1000BASE-SX SFP Transceiver Module MMR, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module Poerating Temprature 23 to 125*F (-5 to 51*C) St	VIDEO:	
Video Resolution 4K@60Hz 4:4:4*, 4K@30Hz 4:4:4, 4K@60Hz 4:2:0 HDR Format HDR 10, HCs, DV Chroma Subsampling 444, 422, 420 Bit Depth per Color 1080P (16Bit), 4k (10, 12 Bit) AUDIO: 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 Embedded Audio Stereo Analog Audio De-Embedded Audio Balanced Analog Audio PORTS: Ethernet (1) × female R]-45, POE SFP HDMI input, one HDMI loop out Audio (1) × SFP Slot HDMI (2) × HDMI Type A 19-pin, female, one HDMI input, one HDMI loop out Audio (1) × SFP Slot HDMI (2) × HDMI Type A 19-pin, female, one R-Pass, one IR-EXE, one IR-out RS232 (1) × SS Pin Terminal Block, Balanced L/R Audio out (1) × 3.5 mm mini-stereo jack, one IR-Pass, one IR-EXE, one IR-out RS2332 (1) × USB Micro Type-B for USB extension and KVM, (1) × USB Micro Type-B for USB extension and KVM, (1) × USB Micro Type-B for USM extension and KVM, (1) × USB Micro Type-B for USM extension and AVM, (1) × USB Micro Type-B for USM extension and AVM, (1) × USB Micro Type-B for USM extension and KVM, (1) × USB Micro Type-B for USM extension and KVM, (1) × USB Micro Type-B for USM extension and KVM, (1) × USB Micro Type-B for USM extension and KVM, (1) × USB Micro Type-B for USM extension and		DVI10 HDMI20b
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Chroma Subsampling 444, 422, 420 Bit Depth per Color 1080P (16Bit), 4k (10, 12 Bit) AUDIO: 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 Embedded Audio Stereo Analog Audio De-Embedded Audio Balanced Analog Audio PORTS: Ethernet (1) × female RJ-45, PoE SFP SFP (1) × SFP Slot HDMI (2) × HDMI Type A 19-pin, female, one HDMI input, one HDMI loop out Audio (1) × S Pin Terminal Block, Balanced L/R Audio out (1) × 3.5 mm mini stereo jack, Audio in IR IR-EYE, one IR-out RES232 (1) × S Pin Terminal Block USB (1) × USB Alicro Type-B for USB extension and KVM, (1) × USB Alicro Type-B for USB extension and KVM, (1) × USB Alicro Type-B for USB extension and KVM, (1) × USB Alicro Type-B for USB extension and kVM, (1) × USB Alicro Type-B for USB extension and kVM, (1) × USB Alicro Type-B for USB extension and kVM, (1) × USB Alicro Type-B for USB extension and kVM, (2) × USB Micro Type-B for USB extension and kVM, (1) × USB Alicro Type-B for USB extension and kVM, (1) × USB Alicro Type-B for USB extension and kVM, (2) × USB Micro Type-B for USB extension and kVM, (2) × USB Micro Type-B for USB extension and kVM, (2) × USB Micro Type-B for USB extension and kVM, (1) × USB Alicro Type. Bor MXNET service DISTANCE: Ethernet 1000 Mesters/ 330 Feet over CAT5E and above	HDR Format	
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De-Embedded Audio Balanced Analog Audio PORTS: Ethernet Ethernet (1) × female RJ-45, PoE SFP (1) × SFP Slot HDMI (2) × HDMI Type A 19-pin, female, one HDMI input, one HDMI loop out Audio (1) × 5 Pin Terminal Block, Balanced L/R Audio out (1) × 3.5 mm mini stereo jack, Audio in IR (3) × 3.5 mm mini-stereo jack, one IR-Pass, one IR-EYE, one IR-out RS232 (1) × S Pin Terminal Block USB (1) × USB Nicro Type-B for USB extension and KVM, (1) × USB Micro Type-B for WSB extension and KVM, (1) × USB Micro Type-B for MXNET service DISTANCE: Ethernet Ethernet 100 Meters/ 330 Feet over CAT5e and above SFP and Fiber 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module (MKF, &Sonm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module ENVIRONMENTAL: Derating Temprature Operating Temprature 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) POWER: Max Power Consumption Max Power Consumption 6.5W Power Supply Unit Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A <td< td=""><td></td><td>Dolby Digital Plus, DTS 5.1 Channel, DTS–ES,</td></td<>		Dolby Digital Plus, DTS 5.1 Channel, DTS–ES,
PORTS: Ethernet (1) × female RJ-45, PoE SFP (1) × SFP Stot HDMI (2) × HDMI Type A 19-pin, female, one HDMI input, one HDMI loop out Audio (1) × 5 Pin Terminal Block, Balanced L/R Audio out (1) × 3.5 mm mini stereo jack, Audio in IR (3) × 3.5 mm mini-stereo jack, one IR-Pass, one IR-EYE, one IR-out RS232 (1) × 5 Pin Terminal Block USB (1) × USB 2.0 Type-B for USB extension and KVM, (1) × USB 2.0 Type-B for USB extension and KVM, (1) × USB Micro Type-B for MXNET service DISTANCE: Ethernet Ethernet 100 Meters/ 330 Feet over CAT5e and above SFP and Fiber 1000BASE-SX SFP Transceiver Module (MMK, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module ENVIRONMENTAL: Operating Temprature 23 to 125°F (-5 to 51°C) Storage Temperature -4 to 140°F (-20 to 60°C) OO Operating Humidity 5-90% RH (No Condensation) POWER: Max Power Consumption 6.5W Poker Supply Unit Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A DIMENSIONS: mm: 200 X 104x 20 (Unit Only Width/Depth/Height) inch: 7.87 X 4.09 X 0.79 Dimensions mm: 310 X 180	Embedded Audio	Stereo Analog Audio
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Audio(1) × 3.5 mm mini stereo jack, Audio inIR(3) × 3.5mm mini-stereo jack, one IR-Pass, one IR-EYE, one IR-outRS232(1) × 5 Pin Terminal BlockUSB(1) × USB 2.0 Type-B for USB extension and KVM, (1) × USB Micro Type-B for MXNET serviceDISTANCE:Ethernet100 Meters/ 330 Feet over CAT5e and aboveSFP and Fiber1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM)Operating Temprature23 to 125°F (-5 to 51°C)Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:IEEE 802.3af (15.4W)Max Power Consumption6.5WPower Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54 (Packaged Width/Depth/Height)Dimensionsmm: 310 X 180x 54 (Packaged)Weight (Packaged)1.7 LBS/0.77 KG RegulatoryProduct Warranty10 Years	HDMI	
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USB(1) × USB 2.0 Type-B for USB extension and KVM, (1) × USB Micro Type-B for MXNET serviceDISTANCE:Ethernet100 Meters/ 330 Feet over CAT5e and aboveSFP and Fiber1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM)I000BASE-LX/LH SFP 1310nm 10km Transceiver ModuleENVIRONMENTAL:Operating Temprature23 to 125°F (-5 to 51°C)Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:Max Power Consumption6.5WPoer (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensions(Unit Only Width/Depth/Height)inch: 7.87 X 4.09 X 0.79Dimensions(Packaged Width/Depth/Height)1.2 LBS/0.55 KGWeight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	IR	
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DISTANCE:Ethernet100 Meters/ 330 Feet over CAT5e and aboveSFP and Fiber1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM)1000BASE-LX/LH SFP 1310nm 10km Transceiver ModuleENVIRONMENTAL:Operating Temprature23 to 125°F (-5 to 51°C)Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:Max Power ConsumptionPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 120 2ADIMENSIONS:Imput: AC 120-240V-50/60Hz 0.8A Output: DC 120 2ADimensionsmm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	USB	
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SPP and Fiber(MMF, 850nm, 550m, LC, DOM)1000BASE-LX/LH SFP 1310nm 10km Transceiver ModuleENVIRONMENTAL:Operating Temprature23 to 125°F (-5 to 51°C)Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:Max Power Consumption6.5WPote (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensions (Unit Only Width/Depth/Height)mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensions (Packaged Width/Depth/Height)mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL Product WarrantyProduct Warranty10 Years	DISTANCE:	
ENVIRONMENTAL:Operating Temprature23 to 125°F (-5 to 51°C)Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:Max Power Consumption6.5WPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensionsmm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL Product WarrantyProduct Warranty10 Years		100 Meters/ 330 Feet over CAT5e and above
Operating Temprature23 to 125°F (-5 to 51°C)Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:Max Power Consumption6.5WPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensionsmm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54 (Packaged Width/Depth/Height)Inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL Product WarrantyProduct Warranty10 Years	Ethernet	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM)
Storage Temperature-4 to 140°F (-20 to 60°C)Operating Humidity5-90% RH (No Condensation)POWER:Max Power Consumption6.5WPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensionsmm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL 	Ethernet SFP and Fiber	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver
Operating Humidity5-90% RH (No Condensation)POWER:Max Power Consumption6.5WPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensions (Unit Only Width/Depth/Height)inch: 7.87 X 4.09 X 0.79Dimensions (Packaged Width/Depth/Height)1.2 LBS/0.55 KGWeight (Unit)1.2 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module
POWER:Max Power Consumption6.5WPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensions (Unit Only Width/Depth/Height)inch: 7.87 X 4.09 X 0.79Dimensions (Packaged Width/Depth/Height)mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module
Max Power Consumption6.5WPoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensions (Unit Only Width/Depth/Height)mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensions (Packaged Width/Depth/Height)mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL Product WarrantyProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C)
PoE (Power over Ethernet)IEEE 802.3af (15.4W)Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensions (Unit Only Width/Depth/Height)mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensions (Packaged Width/Depth/Height)mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL Product WarrantyProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C)
Power Supply UnitInput: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensionsmm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Oimensionsmm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/UL Product Warranty	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER:	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM)1000BASE-LX/LH SFP 1310nm 10km Transceiver Module23 to 125°F (-5 to 51°C)-4 to 140°F (-20 to 60°C)5-90% RH (No Condensation)
Power Supply UnitOutput: DC 12V 2ADIMENSIONS:MountingRack and Furniture mount supportDimensionsmm: 200 X 104x 20(Unit Only Width/Depth/Height)inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54(Packaged Width/Depth/Height)inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W
MountingRack and Furniture mount supportDimensionsmm: 200 X 104x 20(Unit Only Width/Depth/Height)inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54(Packaged Width/Depth/Height)inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W)
Dimensions (Unit Only Width/Depth/Height)mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79Dimensions (Packaged Width/Depth/Height)mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A
(Unit Only Width/Depth/Height)inch: 7.87 X 4.09 X 0.79Dimensionsmm: 310 X 180x 54(Packaged Width/Depth/Height)inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A
Dimensionsmm: 310 X 180x 54(Packaged Width/Depth/Height)inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS:	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support
(Packaged Width/Depth/Height)inch: 12.2 X 7.09 X 2.13Weight (Unit)1.2 LBS/0.55 KGWeight (Packaged)1.7 LBS/0.77 KGRegulatoryCE/FCC/ULProduct Warranty10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20
Weight (Unit) 1.2 LBS/0.55 KG Weight (Packaged) 1.7 LBS/0.77 KG Regulatory CE/FCC/UL Product Warranty 10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions (Unit Only Width/Depth/Height)	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79
Weight (Packaged) 1.7 LBS/0.77 KG Regulatory CE/FCC/UL Product Warranty 10 Years	Ethernet Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions (Unit Only Width/Depth/Height) Dimensions	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79 mm: 310 X 180x 54
Regulatory CE/FCC/UL Product Warranty 10 Years	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions (Unit Only Width/Depth/Height) Dimensions (Packaged Width/Depth/Height)	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79 mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13
Product Warranty 10 Years	Ethernet Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions (Unit Only Width/Depth/Height) Dimensions (Packaged Width/Depth/Height) Weight (Unit)	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79 mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13 1.2 LBS/0.55 KG
	Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions (Unit Only Width/Depth/Height) Dimensions (Packaged Width/Depth/Height) Weight (Unit) Weight (Packaged)	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79 mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13 1.2 LBS/0.55 KG 1.7 LBS/0.77 KG
	Ethernet Ethernet SFP and Fiber ENVIRONMENTAL: Operating Temprature Storage Temperature Operating Humidity POWER: Max Power Consumption PoE (Power over Ethernet) Power Supply Unit DIMENSIONS: Mounting Dimensions (Unit Only Width/Depth/Height) Dimensions (Packaged Width/Depth/Height) Weight (Unit) Weight (Packaged) Regulatory	1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DOM) 1000BASE-LX/LH SFP 1310nm 10km Transceiver Module 23 to 125°F (-5 to 51°C) -4 to 140°F (-20 to 60°C) 5-90% RH (No Condensation) 6.5W IEEE 802.3af (15.4W) Input: AC 120-240V-50/60Hz 0.8A Output: DC 12V 2A Rack and Furniture mount support mm: 200 X 104x 20 inch: 7.87 X 4.09 X 0.79 mm: 310 X 180x 54 inch: 12.2 X 7.09 X 2.13 1.2 LBS/0.55 KG 1.7 LBS/0.77 KG CE/FCC/UL

*4K60 4:4:4/4k60 4:2:2 Uses ICT Compression

FEATURE SET

- 1G Maximum Data Rate
- Bandwidth management via MXNet MENTOR
- Uses any standard category cable (CAT 6A recommended)
- SFP Fiber Connection for Long Runs
- Built-In "Data Window" OLED display
- USB/KVM Host support
- Full Exterior Light Control (for discreet Installs)
- RS-232 and IR Direct Routing to one or many Decoders
- RS-232 over IP serial passthrough support









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