

Connectivity	Ethernet-DMX2 MkII	Ethernet-DMX2 Truss MkII	Ethernet-DinMX4	Ethernet-DMX4 MkII	Ethernet-DMX4 Truss MkII	Ethernet-DMX8 MkII
DMX	2 x shielded & gold plated Neutrik 5 pin XLR (female)	2 x shielded & gold plated Neutrik 5 pin XLR (female)	4 x 3 poles terminal block or 4 x RJ45 (on demand)	4 x shielded & gold plated Neutrik 5 pin XLR (female)	4 x shielded & gold plated Neutrik 5 pin XLR (female)	8 x shielded & gold plated Neutrik 5 pin XLR (female)
Network	1 x shielded Neutrik Ethercon connector	2 x shielded Neutrik Ethercon connector	2 x RJ45	2 x shielded Neutrik Ethercon connector	2 x shielded Neutrik Ethercon connector	1 x shielded Neutrik Ethercon connector
Power	1 x IEC inlet with fuse holder	1 x Neutrik Powercon inlet	1 x two poles terminal block	1 x IEC inlet with fuse holder	1 x Neutrik Powercon inlet	1 x IEC inlet with fuse holder
Mounting	Rack mount	Wall or truss mount	DIN Rail	Rack mount	Wall or truss mount	Rack mount
Option	✘	✘	✘	4 x punched holes at the rear for optional input connectors	✘	8 x punched holes at the rear for optional input connectors
<b>DMX Features</b>						
Supported Protocols	DMX512 (1986 & 1990), DMX512-A, RDM ANSI E1.20	DMX512 (1986 & 1990), DMX512-A, RDM ANSI E1.20	DMX512 (1986 & 1990), DMX512-A, RDM ANSI E1.20	DMX512 (1986 & 1990), DMX512-A, RDM ANSI E1.20	DMX512 (1986 & 1990), DMX512-A, RDM ANSI E1.20	DMX512 (1986 & 1990), DMX512-A, RDM ANSI E1.20
DMX Port Direction	Input or output (configurable)	Input or output (configurable)	Input or output (configurable)	Input or output (configurable)	Input or output (configurable)	Input or output (configurable)
DMX Port Isolation	Optic and galvanic isolation per port	Optic and galvanic isolation per port	Optic and galvanic isolation per port	Optic and galvanic isolation per port	Optic and galvanic isolation per port	Optic and galvanic isolation per port
DMX Port Termination/Biasing	✓	✓	✓	✓	✓	✓
DMX Timing	Framerate: 10/40fps / Break: 176-352 µs	Framerate: 10/40fps / Break: 176-352 µs	Framerate: 10/40fps / Break: 176-352 µs	Framerate: 10/40fps / Break: 176-352 µs	Framerate: 10/40fps / Break: 176-352 µs	Framerate: 10/40fps / Break: 176-352 µs
<b>Ethernet Features</b>						
Supported Protocols	Art-Net™, sACN ANSI E1.31	Art-Net™, sACN ANSI E1.31	Art-Net™, sACN ANSI E1.31	Art-Net™, sACN ANSI E1.31	Art-Net™, sACN ANSI E1.31	Art-Net™, sACN ANSI E1.31
Port Speed	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Port Sensing	Auto-negotiation, MDI / MDIX	Auto-negotiation, MDI / MDIX	Auto-negotiation, MDI / MDIX	Auto-negotiation, MDI / MDIX	Auto-negotiation, MDI / MDIX	Auto-negotiation, MDI / MDIX
<b>Additional Features</b>						
Merging Engine	✓	✓	✓	✓	✓	✓
Softpatch	✓	✓	✓	✓	✓	✓
Trigger System	✓	✓	✓	✓	✓	✓
ReRoute	✓	✓	✓	✓	✓	✓
Profile Manager	✓	✓	✓	✓	✓	✓
Snapshot	✓	✓	✓	✓	✓	✓
Monitoring Software	LumiNet Monitor V2	LumiNet Monitor V2	LumiNet Monitor V2	LumiNet Monitor V2	LumiNet Monitor V2	LumiNet Monitor V2
<b>Status Report</b>						
Graphic Display & Jog	✘	✘	✘	✓	✓	✓
Ethernet Port Connection	Link and Activity LED	Link and Activity LED	Link and Activity LED	Link and Activity LED	Link and Activity LED	Link and Activity LED
Power	LED indication	LED indication	LED indication	LED indication	LED indication	LED indication
<b>Power Input</b>						
Power Input	100-240VAC 50-60Hz	100-240VAC 50-60Hz	12-24 VDC	100-260VAC 50-60Hz	100-240VAC 50-60Hz	100-240VAC 50-60Hz
Power Consumption	Maximum 20W	Maximum 4W	Maximum 10W	Maximum 20W	Maximum 15W	Maximum 20W
Fuse	1A 250V Slow Blow	3.15A 250V Slow Blow	✘	1A 250V Slow Blow	1A 250V Slow Blow	1A 250V Slow Blow
Power over Ethernet (PoE) support	Requires LU 01 00046 optional PoE Module	Requires LU 01 00046 optional PoE Module	✓ Class 0 rated	Requires LU 01 00046 optional PoE Module	Requires LU 01 00046 optional PoE Module	Requires LU 01 00046 optional PoE Module
<b>Environmental</b>						
Operating Temperature	0 to +60 °C	0 to +60 °C	0 to +60 °C	0 to +60 °C	0 to +60 °C	0 to +60 °C
Storage Temperature	-10 to +70 °C	-10 to +70 °C	-10 to +70 °C	-10 to +70 °C	-10 to +70 °C	-10 to +70 °C
Humidity (non condensing)	5 to 95 % RH	5 to 95 % RH	5 to 95 % RH	5 to 95 % RH	5 to 95 % RH	5 to 95 % RH

# Ethernet-DMX

## Specifications (2/2)

Physical	Ethernet-DMX2 MklI	Ethernet-DMX2 Truss MklI	Ethernet-DinMX4	Ethernet-DMX4 MklI	Ethernet-DMX4 Truss MklI	Ethernet-DMX8 MklI
Enclosure	Metal housing	Metal housing	Standard DIN rail ABS enclosure	Metal housing	Metal housing	Metal housing
Dimensions (W x D x H)	482 x 153,5 x 44 mm 19" x 6,04" x 1,73"	190 x 119,5 x 66 mm 7,48" x 4,7" x 2,6"	156,3 x 57,8 x 86 mm 6,15" x 2,28" x 3,39"	482 x 183 x 44 mm 19" x 7,2" x 1,73"	235 x 134,2 x 82 mm 9,3" x 3,5" x 3,2"	482 x 183 x 44 mm 19" x 7,2" x 1,73"
Packaging	520 x 235 x 50 mm	305 x 215 x 110 mm	305 x 215 x 110 mm	520 x 235 x 50 mm	305 x 215 x 110 mm	520 x 235 x 50 mm
Weight	2Kg	1,6Kg	0,27Kg	2Kg	2,3Kg	2,3Kg
Approvals						
CE	✓	✓	✓	✓	✓	✓
EN 55022	✓	✓	✓	✓	✓	✓
EN 55024	✓	✓	✓	✓	✓	✓
EN 60950-1	✓	✓	✓	✓	✓	✓
RoHS Compliance	✓	✓	✓	✓	✓	✓

Luminex LCE operates a policy of continuous development. Luminex LCE reserves the right to make changes and improvements to any of the products described in this document above without prior notice. Specifications are subject to change without notice.