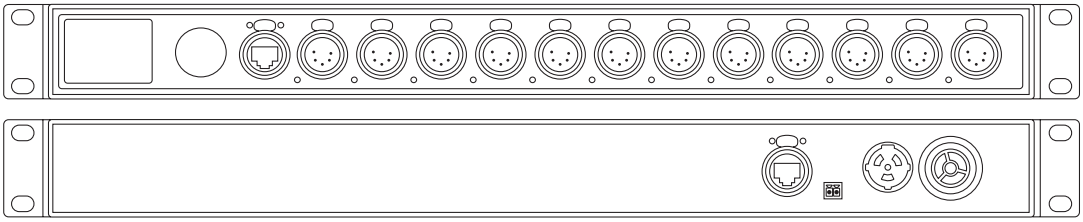
Luminex
NETWORK INTELLIGENCE



LumiNode 12

ETHERNET-DMX CONVERTER	
CONNECTIVITY	
DMX	12x shielded & gold plated Neutrik 5 pin XLR (female)
Network	2x shielded Neutrik Ethercon connector
Contact closure	1x terminal block
Power	1x Neutrik PowerCon true one input & output
Mounting	Rack mount
DMX FEATURES	
Supported protocols	DMX512 (1986 & 1990) DMX512-A RDM ANSI E1.20
DMX Port direction	Input or output (configurable)
DMX Port isolation	Optic and galvanic isolation per port
DMX Timing	Framerate: 10/40fps Break: 176-352 µs
ETHERNET FEATURES	
Supported Protcols	Art-Net I, Art-Net II, Art-Net III, Art-Net IV sACN (ANSI E1.31) RTTrPL (BlackTrax)
Port Speed	10/100/1000 Mbps
Port sensing	Auto-negotiation, MDI/MDIX
ADDITIONAL FEATURES	
Processing Engine	Yes (16)
Merging	Yes (HTP, LTP, Xfade, Backup, Switch)
Softpatch	Yes
Master / Limit	Yes
Trigger System	Yes
ReRoute function	Yes
Profile Manager	Yes
Snapshot	Yes
Monitoring Software	Yes
STATUS REPORT	
Graphic color Display & Jog	On the front of the unit
Ethernet Port Connection	Link and Activity LED RGB Mode LED
DMX port	RGB LED indication for DMX / RDM
POWER INPUT	
Power Input	100-240VAC 50-60Hz PoE (802.3af)
Power Consumption	Maximum 20W
Fuse	1A 250V Slow Blow
MANAGEMENT	
Configuration	Through the built-in web server Through the front-end display & jog Through documented web API

ENVIRONMENTAL	
Operating Temperature	0 to +50°C
Storage Temperature	-10 to +70°C
Humidity (non condensing)	5 to 95% RH
PHYSICAL	
Enclosure	Metal housing
Dimensions (W x D x H)	482 x 150 x 44mm 19" x 5,90" x 1,73"
Packaging	545 x 335 x 80mm
Weight	1,96 Kg
APPROVALS	
Electromagnetic emissions and immunity	EN55032 class A EN55035 EN61000-3-2 EN61000-3-3 EN61000-4-2 EN61000-4-4 EN61000-4-5 EN61000-4-11 FCC Part 15 CFR 47 class A
Safety approvals	IEC 60950-1 EN 60950-1 UL 60950-1 CAN/CSA-C22.2 No. 60950-1 IEC 62368-1 EN 62368-1 UL 62368-1 CAN/CSA-C22.2 No. 62368-1 CE
Green	RoHS, Reach





Luminex Slamstraat 13 | 3600 Genk | Belgium | T +32 11 812 189 | info@luminex.be | www.luminex.world