

LumiNode I

ETHERNET-DMX CONVERTER

CONNECTIVITY

DMX	1x shielded & gold plated Neutrik 5 pin XLR (female)
Network	1x shielded Neutrik Ethercon connector 1x USB to Ethernet dongle
Contact closure	No
Power	Power over Ethernet (802.3af compliant)
Mounting	Standalone

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 μ s

ETHERNET FEATURES

Supported Protocols	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 (2)
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	No
Ethernet Port Connection	Link and Activity LED RGB Mode LED
DMX port	RGB LED indication for DMX / RDM

POWER INPUT

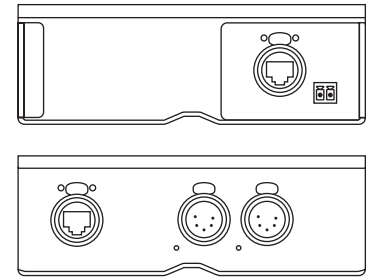
Power Input	PoE (802.3af) USB
Power Consumption	Maximum 6W

MANAGEMENT

Configuration	Through the built-in web server Through documented web API
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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)	131.5 x 73.3 x 44mm 5.17" x 2.88" x 1.73"
Packaging	200 x 140 x 60mm
Weight	0,42 Kg
APPROVALS	
Electromagnetic emissions and immunity	EN55032 class A EN55035 EN61000-3-2 EN61000-3-3 EN61000-4-2 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





LumiNode 2

ETHERNET-DMX CONVERTER

CONNECTIVITY

DMX	2x shielded & gold plated Neutrik 5 pin XLR (female)
Network	2x shielded Neutrik Ethercon connector
Contact closure	1x terminal block
Power	Power over Ethernet (802.3af compliant)
Mounting	Wall mount / Truss 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 μ s

ETHERNET FEATURES

Supported Protocols	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 (4)
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	No
Ethernet Port Connection	Link and Activity LED RGB Mode LED
DMX port	RGB LED indication for DMX / RDM

POWER INPUT

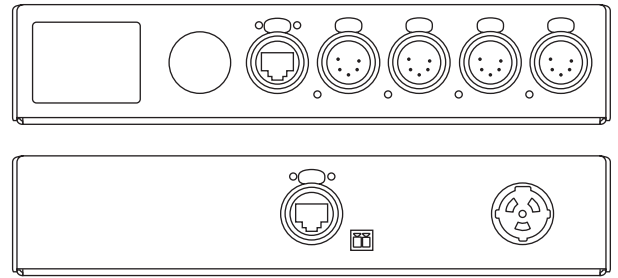
Power Input	PoE (802.3af)50-60Hz
Power Consumption	Maximum 8,5W

MANAGEMENT

Configuration	Through the built-in web server Through documented web API
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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)	158 x 146 x 50,5mm 6,22" x 5,75" x 1,98"
Packaging	240 x 230 x 80mm
Weight	0,9 Kg
APPROVALS	
Electromagnetic emissions and immunity	EN55032 class A EN55035 EN61000-3-2 EN61000-3-3 EN61000-4-2 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





LumiNode 4

ETHERNET-DMX CONVERTER

CONNECTIVITY

DMX	4x 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
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 Protocols	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 (6)
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

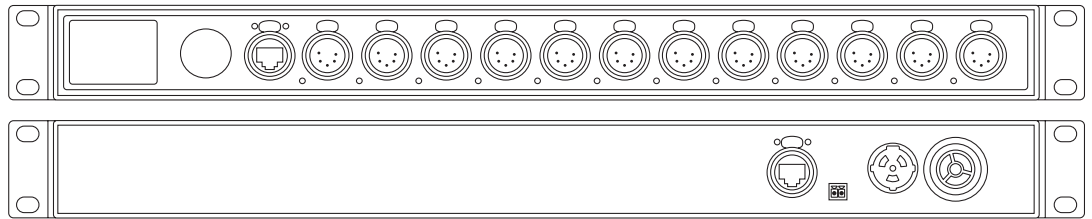
Power Input	100-240VAC 50-60Hz PoE (802.3af)
Power Consumption	Maximum 20W
Fuse	1A 250V Slow Blow

MANAGEMENT

Configuration	Through the built-in web server Through the front-end display & jog Through documented web API
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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)	220 x 175,3 x 44mm 8,66" x 6,90" x 1,73"
Packaging	420 x 272 x 80mm
Weight	1,42 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





LumiNode I2

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 μ s

ETHERNET FEATURES

Supported Protocols	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
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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

