Data Sheets

artLynx RJ45

Category

B) Art-Net & sACN

Description

Four universe Art-Net/sACN to DMX512 & RDM converter. All 4 ports are bidirectional and also support DMX512 to Art-Net/sACN conversion. All connectors are RJ45.

Mechanical

- Housing: DIN Rail Case
- Material: Polycarbonate Plastic - UL94-V0 rated
- Overall Dimensions: 88mm / 5M (W) x 90mm (H) x 62mm (D)
- Mass: 0.15kg
- Mounting: DIN Rail (35mm) or Surface Mount
- Country of Manufacture: United Kingdom
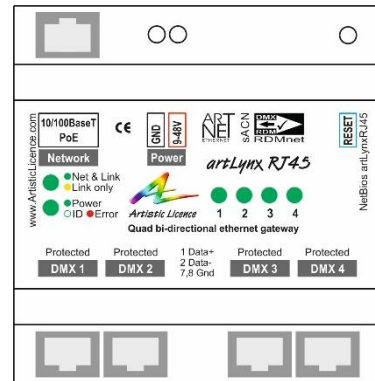
Power & Electrical

- Input Voltage: 9-48 VDC
- Input Connector: 2-pin screw terminal
- Input Power (max): 2W
- DC fuse: Internal resettable fuse for control electronics

Environmental

- Operating Temperature: 0°C to 40°C
- Storage Temperature: -10°C to +50°C
- Operating Relative Humidity (max): 80% Non-Condensing
- IP Rating: IP20 Indoor Use Only
- Certification: CE, WEEE, RoHS
- Warranty: 2 Year (Return to Base)

Configuration / Indication

- Remote: Internal web browser, DMX-Workshop
- Manual: Factory reset button / Squawk
- LED Indication: Power / Network Activity / DMX Activity

Control Protocols / Data Connections

- Ethernet: Art-Net, sACN, RDMnet LLRP
- Ethernet Connector: (1) RJ45 supports 10/100BaseT and PoE (IEEE 802.3af); isolated to 1 kV
- Output: DMX512, DMX512 (1990), DMX512-A, RDM V1.0 (E1.20 - 2010)
- Input: DMX512, DMX512 (1990), DMX512-A
- DMX Connector: (4) RJ45

DMX512 Ports

- Mode: floating
- Isolation: n/a
- ESD protection: 15 kV
- Electrocution protection: 425 VAC continuous connection (self-healing)

Package Contents

- artLynx RJ45

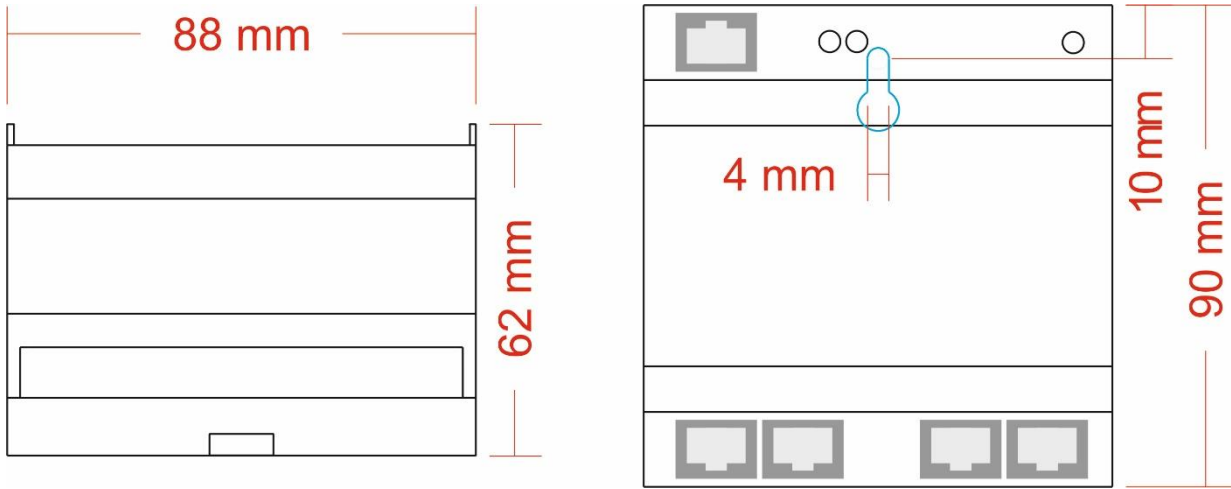## Ordering Info

Product Code: artLynx RJ45

Accessories (not included):

PSU-9-1.5-FER

Art-Switch PoE4 & PSU-48-1-DR (powers up to 4 units)
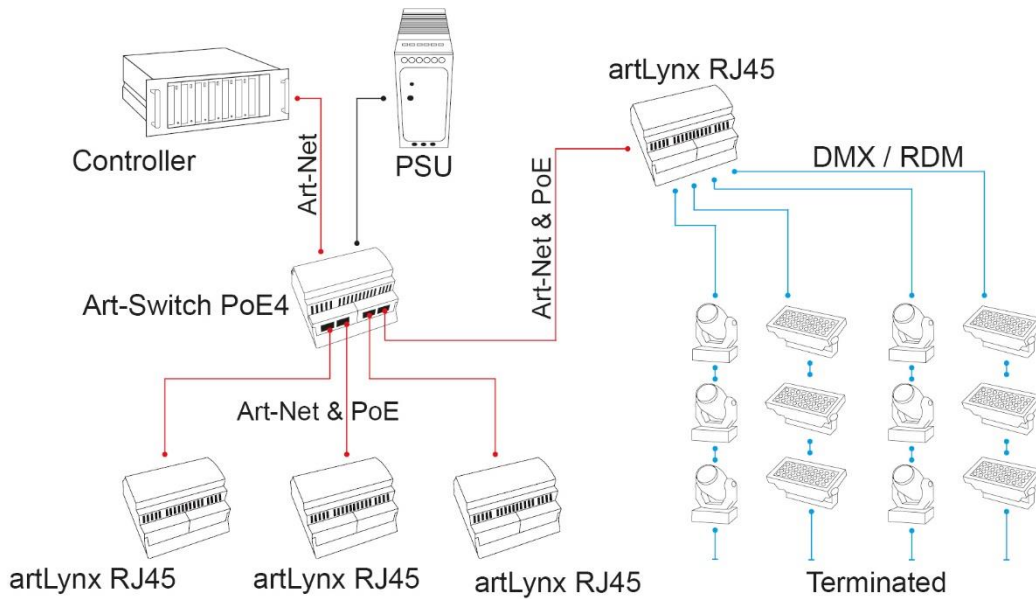
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Mounting Drawing

In this example, four artLynx RJ45 units are powered using PoE supplied by an Art-Switch POE4. Each artLynx RJ45 product can convert up to four Universes of data.
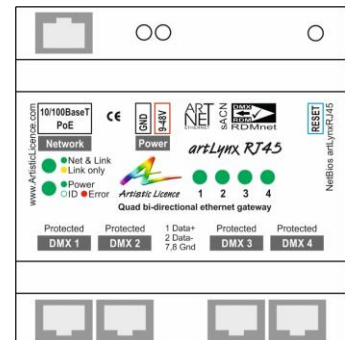
Application Drawing

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