



dataLynx II

Category

C) Ethernet and Art-Net

Description

Art-Net or sACN Ethernet to DMX512 / RDM converter.



Mechanical

- Housing: 19" 1U Rack Enclosure
- Material: Metal
- Overall Dimensions: 1RU (H) x 19" Rack (W) x 150mm (D)
- Mass: 2.8kg
- Mounting: Desktop or 19" Rack Mounting (supplied Rack Ears)
- Country of Manufacture: United Kingdom

Power & Electrical

- Input Voltage: 90-250 VAC
- Input Connector: IEC C13 Male
- Input Power (max): 30W
- Duty Cycle: 100% @ 25°C
- Mains Fuse: Internal 3.15A Slow Blow
- 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

- Internal Web-Browser or DMX-Workshop
- Manual factory reset / Squawk button
- LED indication: Power / Ethernet Link / Data Activity / Speed

Control / Data Connections

- Input Protocols: Art-Net, sACN
- Ethernet Connector: (1) RJ45 (Ethercon) supports 10/100BaseT, isolated to 1kV
- SFP variant additionally supports 1000BaseT and 1000BaseF
- Output Protocols: DMX512, DMX512 (1990), DMX512-A, RDM V1.0 (E1.20 - 2010 ESTA Standard)
- DMX Connector: (12) 5-pin female XLR (options: XLR3 or XLR8)

DMX512 Outputs

- Output mode: ground referenced
- Output isolation: n/a
- Output ESD protection: 15 kV
- Electrocutation protection: 425 VAC continuous (self-healing)
- Output surge protection (**extreme version only**):
 - GDT conforming to IEC61643-311 (sacrificial)
 - Max IDC: 30,000A (8/20uS) 1 operation;
 - 20,000A (8/20uS) 10 operations;
 - 20A (10/1000uS) 1500 operations

Package Contents

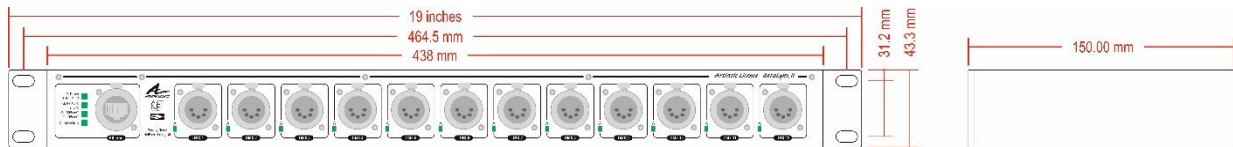
- dataLynx II
- IEC Mains Lead
- Rack-Ears

Ordering Info

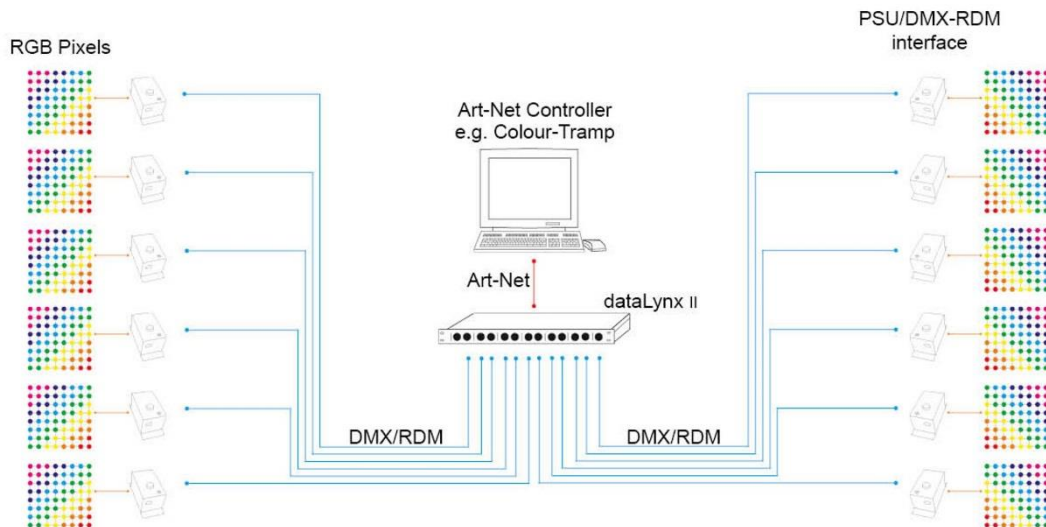
Product Code:
 - dataLynx II xlr3/5/8
 - dataLynx II extreme xlr3/5/8
 - dataLynx II SFP xlr3/5/8
 - dataLynx II SFP extreme xlr3/5/8



Mounting Drawing



Application Drawing



In this example, dataLynx II converts Art-Net from a Colour-Tramp controller into DMX/RDM data. This is fed into intelligent power supplies for use with an LED pixel product.



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