



## Art-Net Nodes - Product Comparison

Art-Net was created by Artistic Licence in 2000 to overcome the channel restrictions of DMX while still using its structure. It allows multiple DMX universes to be transported over a single Cat5 cable using Ethernet technology.

It has since become the most widely used Ethernet protocol to transport DMX, with over 160 manufacturers supporting it worldwide (as of 2015). The Artistic Licence Art-Net range has a product to suit almost all applications, from modules to fit inside existing or new products, to 12-universe rack mount converters.

The table below compares the key features of our Art-Net nodes. For more information on individual units please refer to the website datasheets.



Name	Inputs	Outputs	Connector	Form Factor	Voltage	Switches
AL5001	0	2	n/a	DIMM Module	3.3V DC	Universe/Sub-Net (opt)
AL5002	2	0	n/a	DIMM Module	3.3V DC	Universe/Sub-Net (opt)
Art-Lynx I/P	2	0	Push / Screw Terminal	DIN Rail	9 to 48V DC or PoE	Universe / Sub-Net
Art-Lynx O/P	0	2	Push / Screw Terminal	DIN Rail	9 to 48V DC or PoE	Universe / Sub-Net
Up-Lynx	2	0	5pin XLR	2G UK Panel (or 3G US)	9 to 48V DC or PoE	Universe / Sub-Net
Down-Lynx	0	2	5pin XLR	2G UK Panel (or 3G US)	9 to 48V DC or PoE	Universe / Sub-Net
Net-Lynx I/P	2	0	5pin XLR	Desktop	9 to 48V DC or PoE	Universe / Sub-Net
Net-Lynx O/P	0	2	5pin XLR	Desktop	9 to 48V DC or PoE	Universe / Sub-Net
Cata-Lynx I/P	2	0	5pin XLR	19" Rack Mount (1U)	90 to 250V AC	Universe / Sub-Net
Cata-Lynx O/P	0	2	5pin XLR	19" Rack Mount (1U)	90 to 250V AC	Universe / Sub-Net
Ether-Lynx II	2	4	5pin XLR	19" Rack Mount (1U)	90 to 250V AC	Universe / Sub-Net
Data-Lynx I/P	12	0	5pin XLR	19" Rack Mount (1U)	90 to 250V AC	Sub-Net Only
Data-Lynx O/P	0	12	5pin XLR	19" Rack Mount (1U)	90 to 250V AC	Sub-Net Only
Data-Lynx IO/P	6*	6*	5pin XLR	19" Rack Mount (1U)	90 to 250V AC	Sub-Net Only

Inputs: DMX to Art-Net conversion; Outputs: Art-Net to DMX conversion

\*Can be factory configured for different number of ports

## Art-Net - Product Features

- Full Art-Net compliant nodes
- Web-browser configuration
- Configurable DMX outputs
- RDM V1.0 (E1.20-2006 ESTA Standard) (O/Ps only)
- Firmware upgrades (maintenance) free of charge
- DMX merging (output nodes), either LTP or HTP
- Remote configuration of Universe & Sub-Net
- Free network tools available (DMX-Workshop)
- Uses standard Ethernet equipment for data distribution



Art-Switch PoE4 is a 5-Port Ethernet Switch with PoE on four of the ports. A perfect solution to deliver power and data to products such as Art-Lynx, Down-Lynx or Net-Lynx.

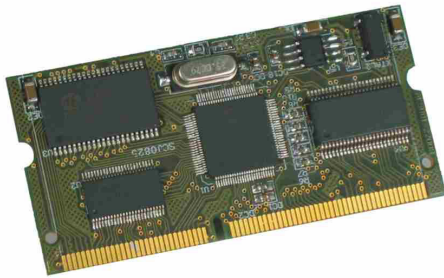
Fully compliant with the Ethernet standard IEEE802.3af, this product can be used with all Ethernet equipment.



# Application Notes

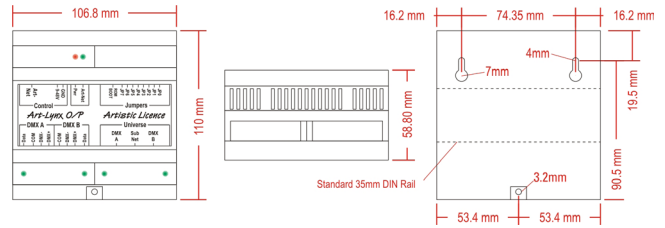


## AL5001 & AL5002

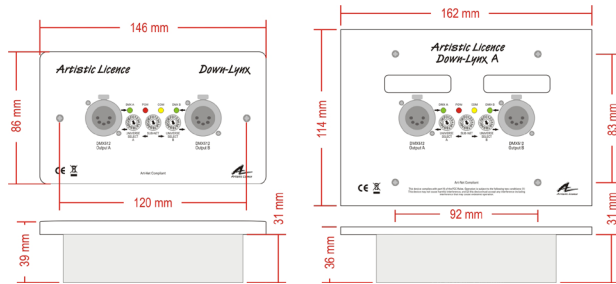


AL5001 has been designed to enable OEM Manufacturers to add Art-Net functionality easily into new and existing products.

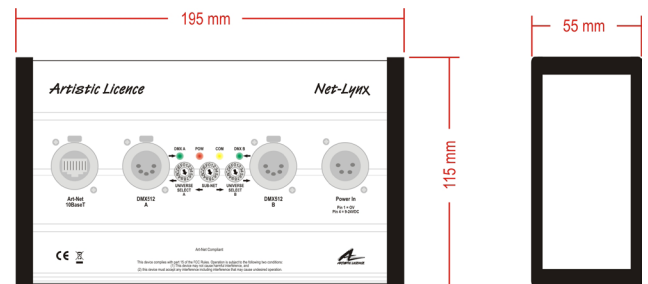
## Art-Lynx I/P & Art-Lynx O/P



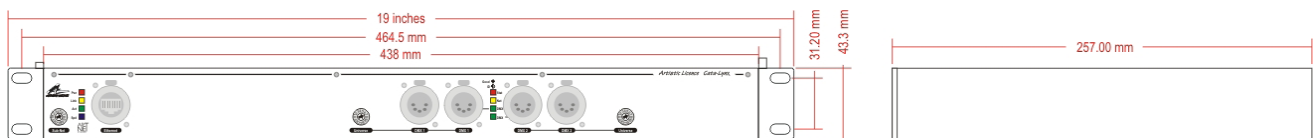
## Up-Lynx & Down-Lynx



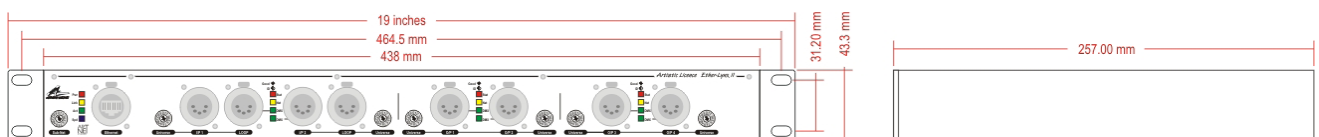
## Net-Lynx I/P & Net-Lynx O/P



## Cata-Lynx I/P & Cata-Lynx O/P



## Ether-Lynx II



## Data-Lynx I/P & Data-Lynx O/P & Data-Lynx IO/P



[www.ArtisticLicence.com](http://www.ArtisticLicence.com)

Art-Net Nodes - Product Comparison

