

PATHPORT EDIN 2-PORT DMX/RDM GATEWAY

#1012



PRODUCT OVERVIEW

Pathport eDIN 2-Port node is a compact gateway for encoding, routing and decoding DMX512 data over a standard Ethernet network. In addition to DMX, the Pathport eDIN 2-Port supports RDM discovery and configuration data transport. DIN-rail mountable for fast installation in existing cabinets, or also available as part of a complete ETL-listed assembly.

FEATURES

- Two DMX512 ports—user configurable as inputs or outputs
- E1.11 DMX512A and E1.20 Remote Device Management (RDM) compliant
- LED indicators for port direction, power, Ethernet link activity and identify
- Operates on 802.3af Power-over-Ethernet or on an 18-48V wide-range DC input
- Supports the following DMX/Ethernet protocols:
 - Art-Net
 - E1.31 streaming ACN (sACN)
 - Pathport Protocol
 - Strand Shownet
 - ETC Net2 (output only)
- Fully compatible with all Pathport nodes and eDIN interfaces
- Configuration is set using freely available Pathport Manager
- Soft patch allows mix-and-match of different protocols
- Route DMX according to universe or channel-by-channel
- Multiple sources may be merged and/or prioritized
- Fully customize your DMX output universes
- Terminal block or IDC connector options available for DMX ports

SPECIFICATIONS

- Class 2 PoE powered device
- Auxiliary input voltage 18-48VDC
- 4W power consumption
- 60V protection on each port
- 10Mb TCP/IP connection
- Operating conditions: 0° to 50°C (32° to 122°F), 5%-95% relative humidity, non-condensing

STANDARDS COMPLIANCE

- ANSI E1.11 DMX512-A(2008)/USITT DMX512(1990)
- ANSI E1.20 RDM(2010) - Remote Device Management
- CE/FCC
- RoHS 2002/95/EC
- Class 2 Low Voltage

WEIGHTS AND DIMENSIONS

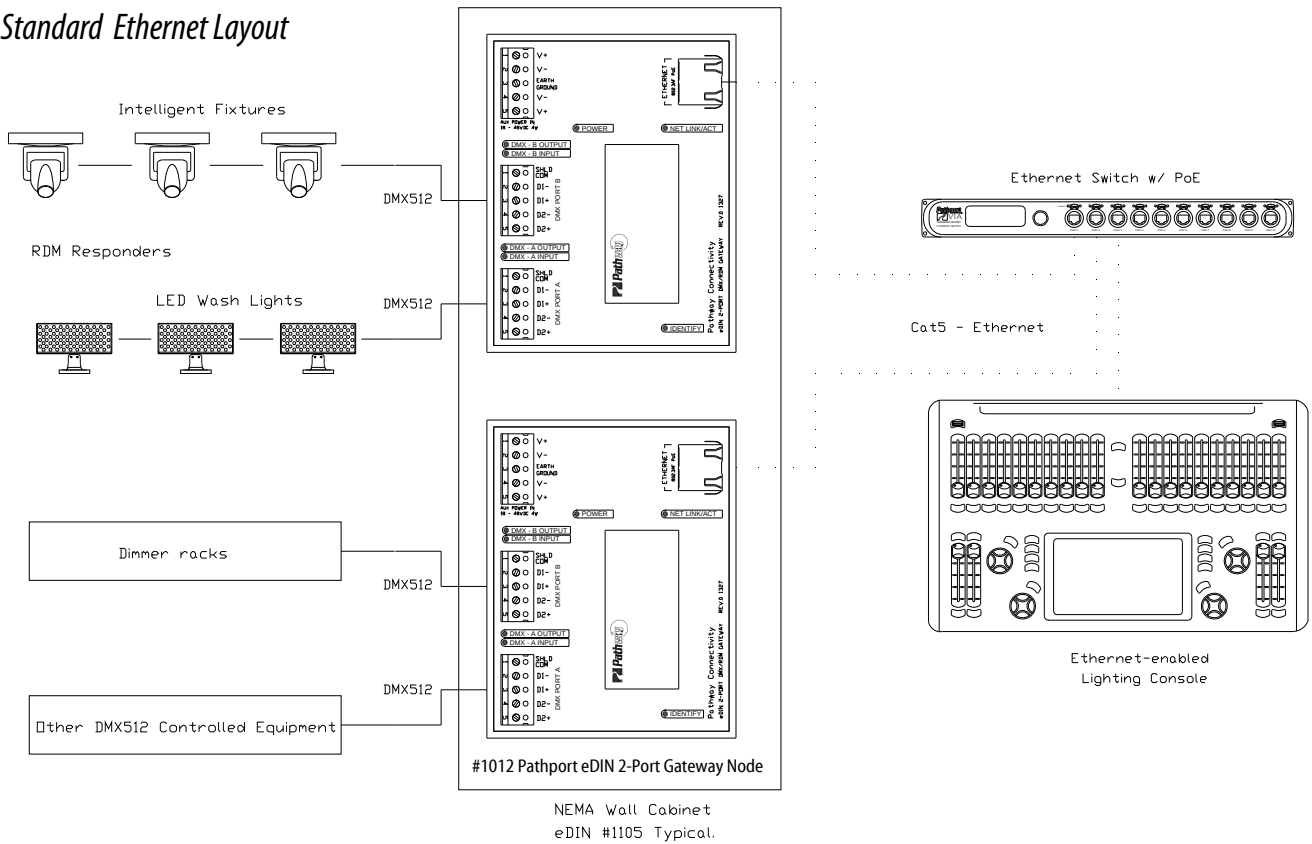
- 0.40 lbs (0.180kg)
- 3.6"W x 4.5"L x 1.5"H (91mm x 115mm x 38mm)

INCLUDED FURNISHINGS

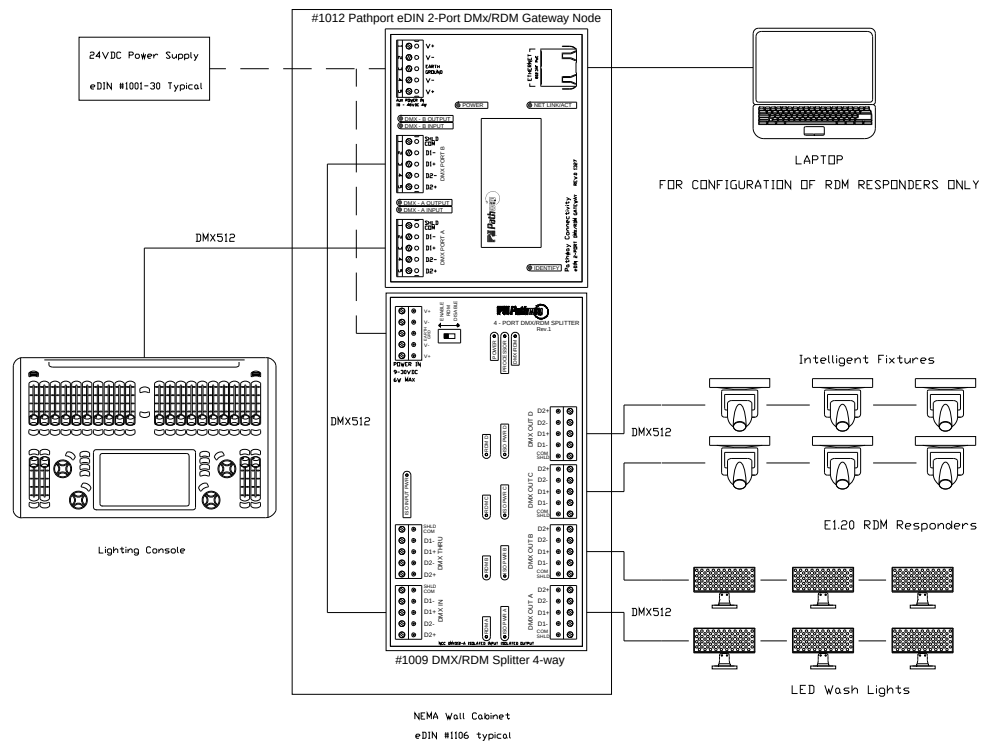
- DIN tray (housing) with end caps
- 12" (300mm) x 35mm DIN rail
- Installation/Operations manual

APPLICATION RISERS

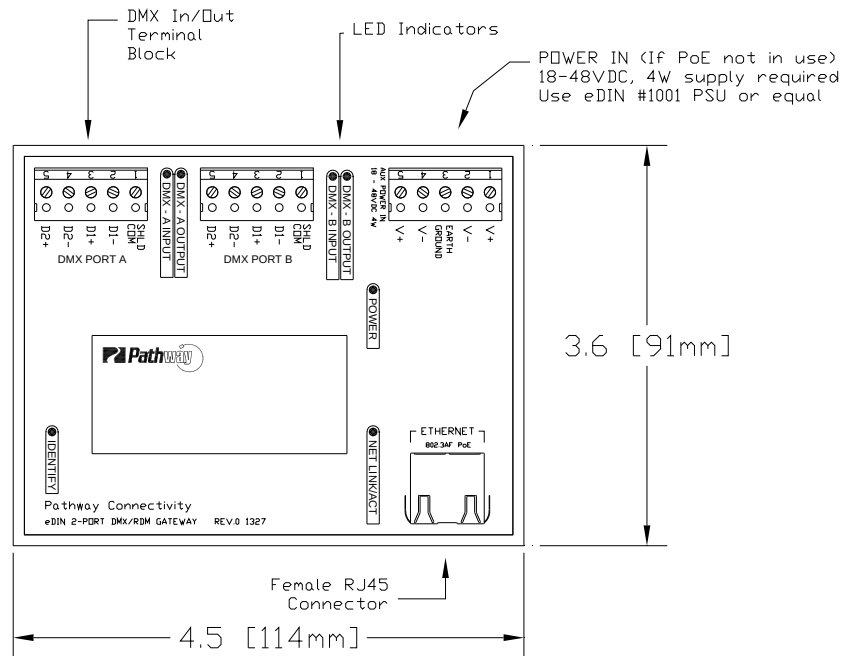
Standard Ethernet Layout



RDM Configuration Access Point



DIMENSIONS



DMX512/RDM PIN OUT:

XLR PIN #	PURPOSE
1	Shield/COM
2	Data - (complement)
3	Data + (true)
4	Data - (pair 2 complement)
5	Data + (pair 2 true)

XLR PIN #	Cat5/Cat6 Color and Pin #	PURPOSE
3	1—White/Orange	Data 1 + (true)
2	2—Orange	Data 1—(complement)
5	3—White Green	Data 2 + (true)
4	6—Green	Data 2—(complement)
-	4—Blue	Not used—do not connect
-	5—White Blue	Not used—do not connect
1	7—White/Brown	Shield/COM
1	8—Brown	Shield/Com

ORDERING INFORMATION

PART #	DESCRIPTION
1012-TRM	Pathport eDIN 2-Port DMX/RDM Gateway Node with terminal block connectors for DMX ports
1012-IDC	Pathport eDIN 2-Port DMX/RDM Gateway Node with IDC connectors for DMX ports
ACCESSORIES	
1001-30	24VDC - 30W DIN-mountable Power Supply
1103	Rack-mount Panel Kit (2RU)
1105	Small eDIN Enclosure (NEMA1) with 9.5" of vertical DIN rail space
1106	Large eDIN Enclosure (NEMA1) with 19.5" of vertical DIN rail space
1107	Large eDIN Enclosure (NEMA1) with three rows of 9.5" horizontal DIN rail space
4000	eDIN Enclosure Assembly Service