**Pathway®**
Connectivity Solutions

#6311/6312/6316

# PATHPORT QUATTRO



## PRODUCT OVERVIEW

A compact four-port version of our popular DMX-over-Ethernet management nodes. Power-over-Ethernet operation makes it ideal for truss-mounted locations, while silent, fanless operation allows it to be placed immediately next to the lighting console, no matter where the console must be located. The encoder knob/LCD screen interface provides front panel access to all common configuration parameters. Most user won't need a computer for configuration.

## SPECIFICATIONS

- Power-over-Ethernet Class 2 device - 8W maximum
- Operating Conditions: -10 to +50°C, 5-95% relative humidity, non-condensing

## FEATURES

- Four DMX512 ports, individually configurable
- 10/100Mb Ethernet port
- Front panel UI supports configuration of IP settings, port direction, basic patching and more
- Route DMX on either a universe or channel-by-channel basis
- Map up to eight sources to each output channel, with merge and/or priority options user-set for each source
- Supports the following Ethernet protocols
    - E1.31 streaming ACN (sACN)
    - Art-Net
    - Pathport Protocol
    - Shownet
- Acts as E1.20 RDM proxy controller, when used with freely downloadable Pathport Manager software
- DMX output speed and signal loss behavior user-selectable
- Compact size - two nodes may fit side-by-side in 1RU of space
- Rackmount ears included
- Operates on Poe (Power over Ethernet) or auxiliary 24VDC power supply (accessory)

### STANDARDS COMPLIANCE

- USITT DMX512 –1990 \ ANSI E1.11 DMX512-A R2013
- E1.20 RDM - Remote Device Management
- IEEE 802.3af Power over Ethernet
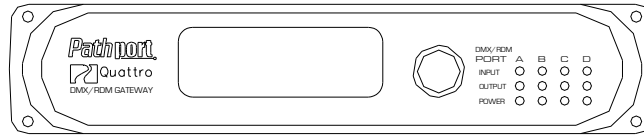- CE
- RoHS 2002/95/EC
- Class 2 Low Voltage

### WEIGHTS AND DIMENSIONS

- 5.2 lb (2.4 kg)
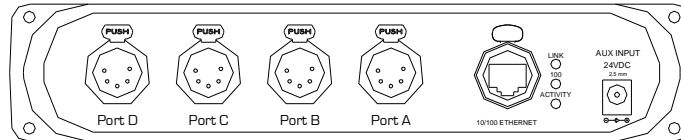- 17 x 6 x 1.7 in (432 x 150 x 40mm)

### INCLUDED FURNISHINGS
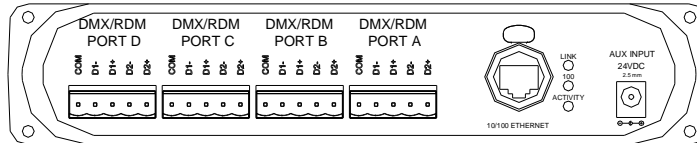
- Installation/Operations manual
- Rackmount Ears

8.4.14

**Pathway**
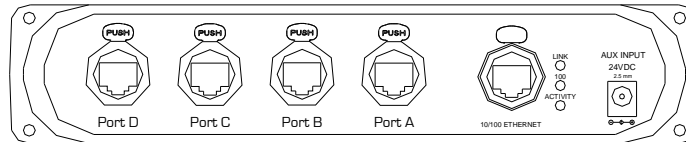Connectivity Solutions

## FRONT PANEL



**ALL MODELS**

## REAR PANEL



**MODEL 6311**



**MODEL 6312**



**MODEL 6316**

## DIMENSIONS



FRONT

SIDE
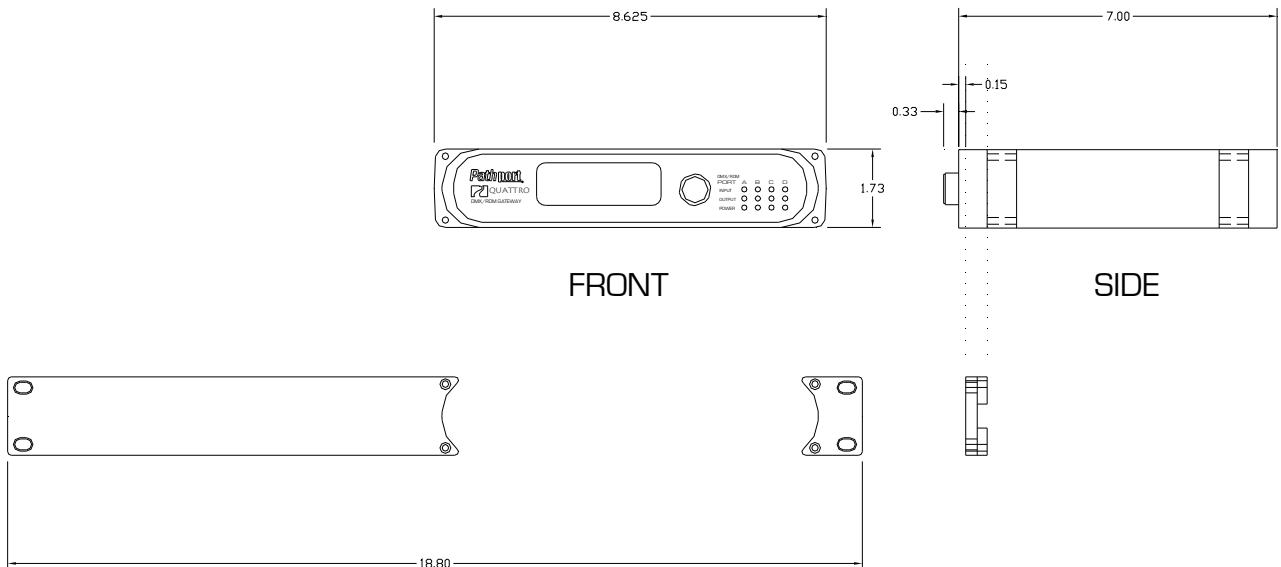
# TRUSS MOUNT ACCESSORY—P/N 9004

BOTTOM

TOP

SIDE
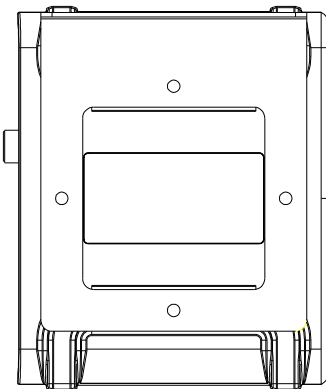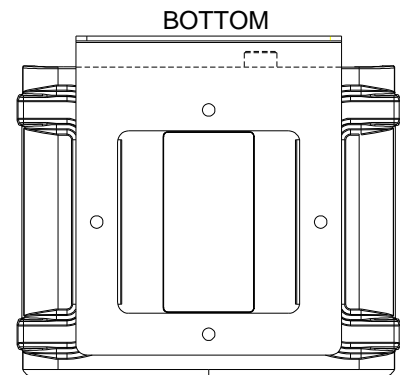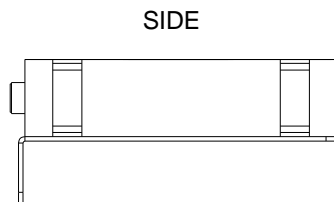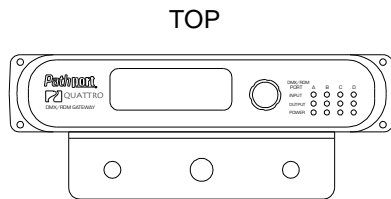
# WALL MOUNT ACCESSORY—P/N 9005

10.58"

9.46"

0.125"

## APPLICATION RISER



Ethernet Switch With /PoE

Quattro Pathport Node
(On Stage)

Ethernet

DMX512

Lighting Console
(Front of House)

Touring Dimmer Rack

Intelligent Lights

LED Wash Lights

Quattro Pathport Node
(Overhead Front, Mid & Back Trusses)

LED Wash Lights

DMX512

Intelligent Lights

Intelligent Lights

Intelligent Lights

Intelligent Lights

Intelligent Lights
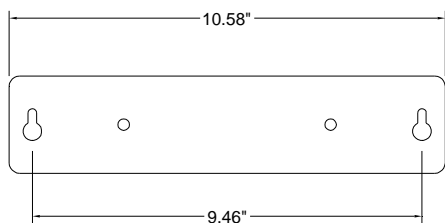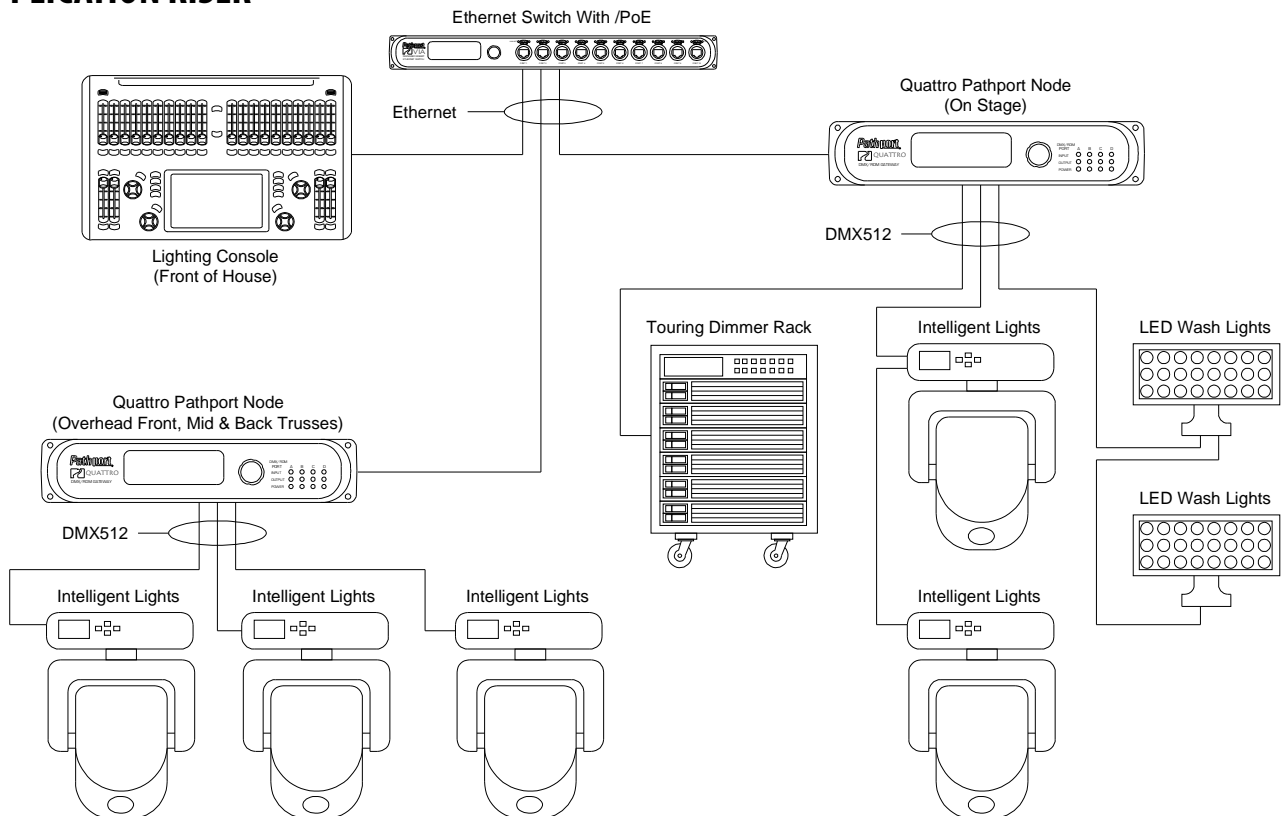
## DMX512 PIN OUT

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

## ORDERING INFORMATION

| PART # | DESCRIPTION |
|---|---|
| 6311 | Pathport Quattro 4-Port Node, rear XLR5F connectors |
| 6312 | Pathport Quattro 4-Port Node, rear terminal connectors |
| 6316 | Pathport Quattro 4-Port Node, rear RJ45 connectors |

Models using RJ45 Ethercon connectors for DMX ports are custom-build and are not returnable

| ACCESSORIES | |
|---|---|
| 9004 | Truss Mount Kit |
| 9005 | Wall Mount Kit |
| 40-0093 | Adapter, Phoenix-style Terminal to IDC. Each adaptor converts two ports. For use with model 6312 |