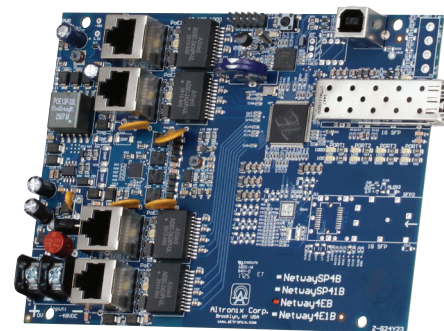


## NetWay4EB

### 4-port PoE+ Hardened Switch Board

Altronix NetWay4EB PoE+ Switch provides a 1Gb SFP port and four (4) PoE+ (30W) ports. Cameras/edge devices may be located up to 100m from the unit. Embedded LINQ Technology allows you to monitor, control, and report power and diagnostics from anywhere.

For unmanaged switch see model NetWay41EB.



NetWay4EB

### Key Features

- Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports
- External 48-56V UL Listed ITE power supply required
- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- 120W total power
- One (1) Gigabit SFP port
- PoE activity LED indicators
- Mounting hardware included
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

### Similar products

<b>NetWay4EWPX</b>	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
<b>NetWay4EWP</b>	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
<b>NetWay4EWPX</b>	Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
<b>NetWay4EX</b>	Indoor 4-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
<b>NetWay4EPL</b>	4-port PoE+ Hardened Switch with Integral Power on a Backplane

### Lifetime Warranty

### Specifications

#### Input

Voltage 48V-56V (UL Listed ITE power supply)

#### Power Output

Maximum Power Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports  
IEEE 802.3at (30W) and  
IEEE 802.3af (15W) compliant  
120W total power

Integral surge protection

Fiber Port: One (1) Gigabit SFP port

#### Ethernet Ports:

Four (4) 10/100/1000 Mbps ports  
Connectivity: RJ45, auto-crossover  
Wire type: 4-pair CAT5 or better structured cable  
Distance: up to 100m  
Speed: 10/100/1000 Mbps, half/full duplex, auto negotiation

#### LINQ Technology:

Remote network management allows for camera/device reset and monitoring

Provides local and/or remote access to critical information via LAN/WAN

Email and Windows Dashboard Alert notifications report real-time diagnostics

Event log tracks history

#### Indicators (LED)

Individual PoE On LEDs for each port

Individual IP Link status, 10/100Base-T/active LEDs for each port

ALOS LED indicates fiber connection for SFP port

Heartbeat LED indicates proper operation of the unit

#### VLAN:

Multiple management VLAN assignment

802.1Q Tagged VLAN

Up to 10 VLAN groups. ID Range 2-4095

#### Agency Listings

UL/cUL

UL60950-1

(Information Technology Equipment)

UL60950-22

(Information Technology Equipment to be installed Outdoors)

CE

European Conformity

#### Physical and Environmental

##### Dimensions (L x W x H)

Board: 6.25" x 4.5" x 0.625" (158.8mm x 114.3mm x 15.9mm)

Shipping: 13" x 10" x 6" (330.2mm x 254mm x 152.4mm)

##### Weight (approx.)

Product: 0.7 lb. (0.32 kg)

Shipping: 0.8 lb. (0.36 kg)

##### Operating:

60W: -40°C to 75°C (-40°F to 167°F)

75W: -40°C to 70°C (-40°F to 158°F)

100W: -40°C to 55°C (-40°F to 131°F)

120W: -40°C to 45°C (-40°F to 113°F)

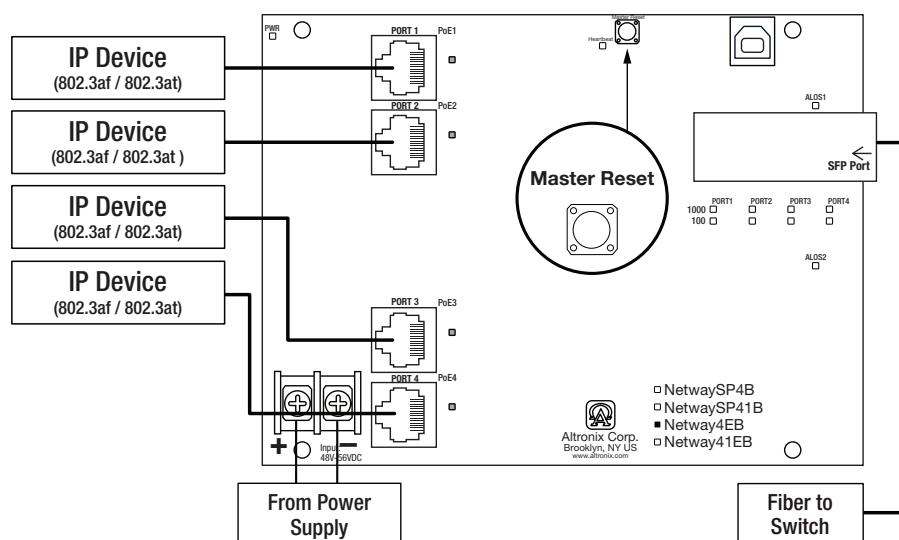
Storage: -40°C to 85°C (-40°F to 185°F)

Relative Humidity 85% +/- 5%

Operating Altitude: -304.8 to 2,000m

Mounting hardware is included

### Typical Application



#### Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

## NetWay4EB

4-port PoE+ Hardened Switch Board



### Power Sourcing Equipment and Accessories (order separately)



(front)

(rear)

4-port Ethernet over Fiber Media Converters for Applications Utilizing Composite or Conventional Cabling

**NetWaySP4** Unit passes a maximum power up to 120W per port (240W total power) from a Power Supply or Midspan Injector. Four (4) 1Gb SFP ports.

**NetWaySP4P** Unit provides a maximum power up to 120W per port (240W total power) from a built-in Power Supply/ Charger. Four (4) 1Gb SFP ports.

**NetWaySP4P2** Unit provides 56VDC power-limited 60W max. per port (240W total power) from a built-in Power Supply/Charger. Four (4) 1Gb SFP ports.



#### SFP Modules - Hot Pluggable Transceivers

**P1MM** Multi-Mode SFP Module for distances up to 550m

**P1SM10** Single-Mode SFP Module for distances up to 10km

**P1AB2K** Single Strand SFP Module for distances up to 2km

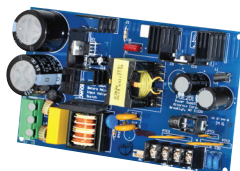
**P1GCE** Copper SFP Module for distances up to 100m



#### NetWaySP1A

Ethernet over Fiber Media Converter/Repeater for Applications Requiring an Additional SFP (Fiber) Port

NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).



#### PoE Power Supplies

**POE60 - 75W Power Supply/Lithium Iron Phosphate Charger**

Provides 75W for NetWay Spectrum switches.

It also features a built-in charger for Lithium Iron Phosphate batteries.

**POE201 - 120W Power Supply/Charger**

Provides 120W for NetWay Spectrum switches.

It also features a built-in charger for sealed lead acid or gel type batteries.

#### Lifetime Warranty

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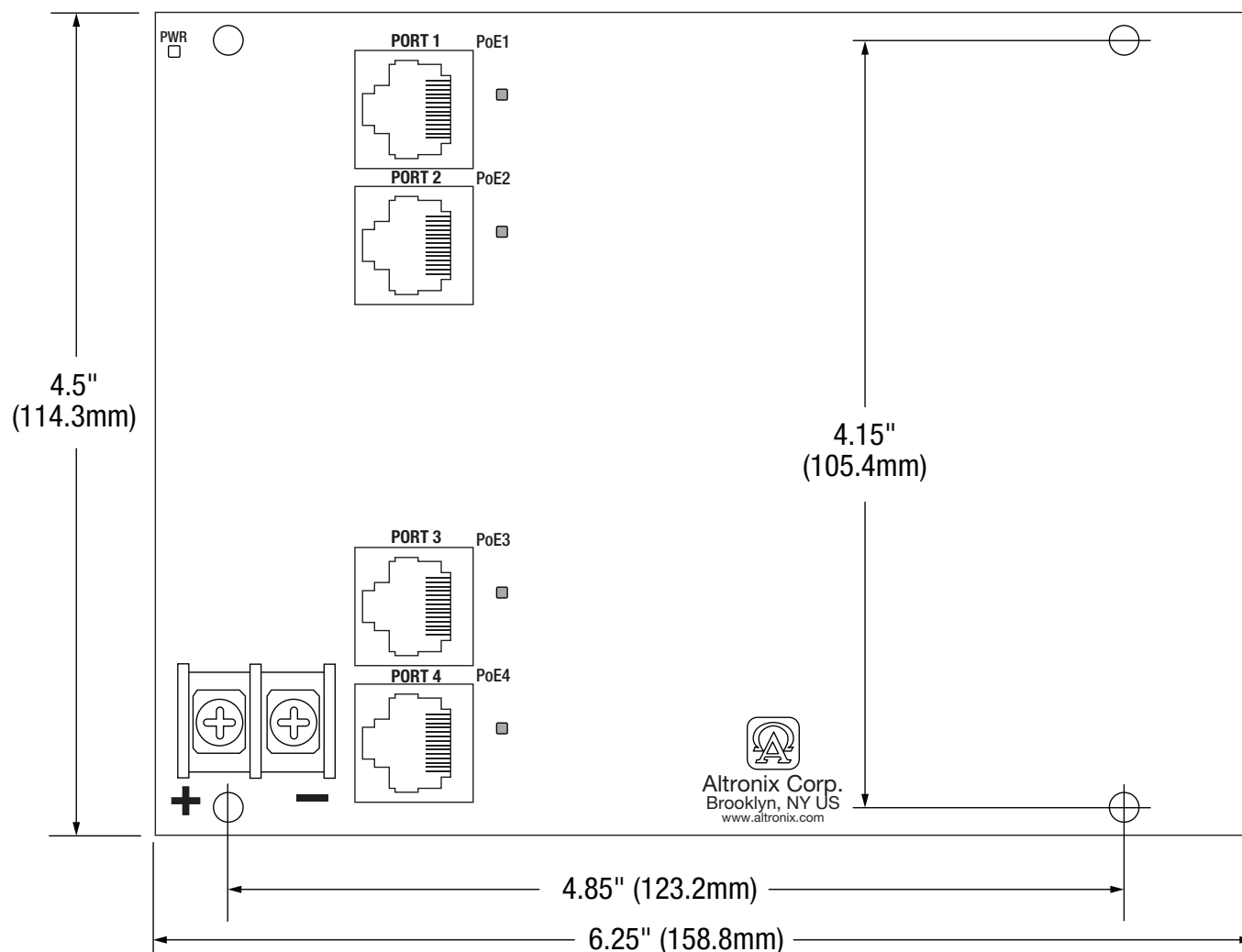
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: [info@altronix.com](mailto:info@altronix.com) | [www.altronix.com](http://www.altronix.com)

### Dimensions and Drawing

Board Dimensions (L x W x H approximate)

6.25" x 4.5" x 0.625" (158.8mm x 114.3mm x 15.9mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)



### Lifetime Warranty

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