

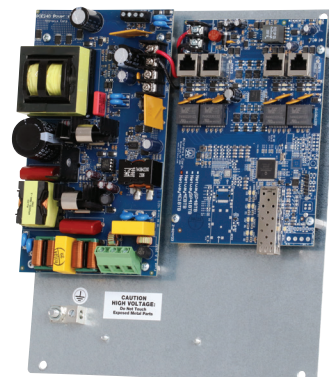
NetWay4E1BTPL

4-port Hardened 4PPoE (802.3bt) Switch with Integral Power on a Backplane

Altronix NetWay4E1BTPL supports up to 90W per port (240W total power) for deploying the latest high-powered IP devices in remote locations. It is equipped with one (1) 1Gb SFP port to transmit data at long distances and four (4) 802.3bt compliant Ethernet ports. NetWay4E1BTPL accommodates single/multi-mode fiber to deliver data from NetWay Spectrum head-end media converters/injectors.

For managed switch see model NetWay4EBTPL.

netway
SPECTRUM



NetWay4E1BTPL

Key Features

- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 240W total power)
- IEEE 802.3af, 802.3at, 802.3bt compliant
- One (1) Gigabit SFP port
- Built-in charger for LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- Switch and power supply are factory mounted on a backplane

Similar products

NetWay4E1BTWPX	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWay4E1BTWP	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
NetWay4E1BTWPN	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
NetWay4E1BTX	4-port Hardened 4PPoE Switch with Integral Power in NEMA 1 Rated indoor enclosure
NetWay4E1BTB	4-port Hardened 4PPoE Switch (board only)

Accessories (order separately)



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

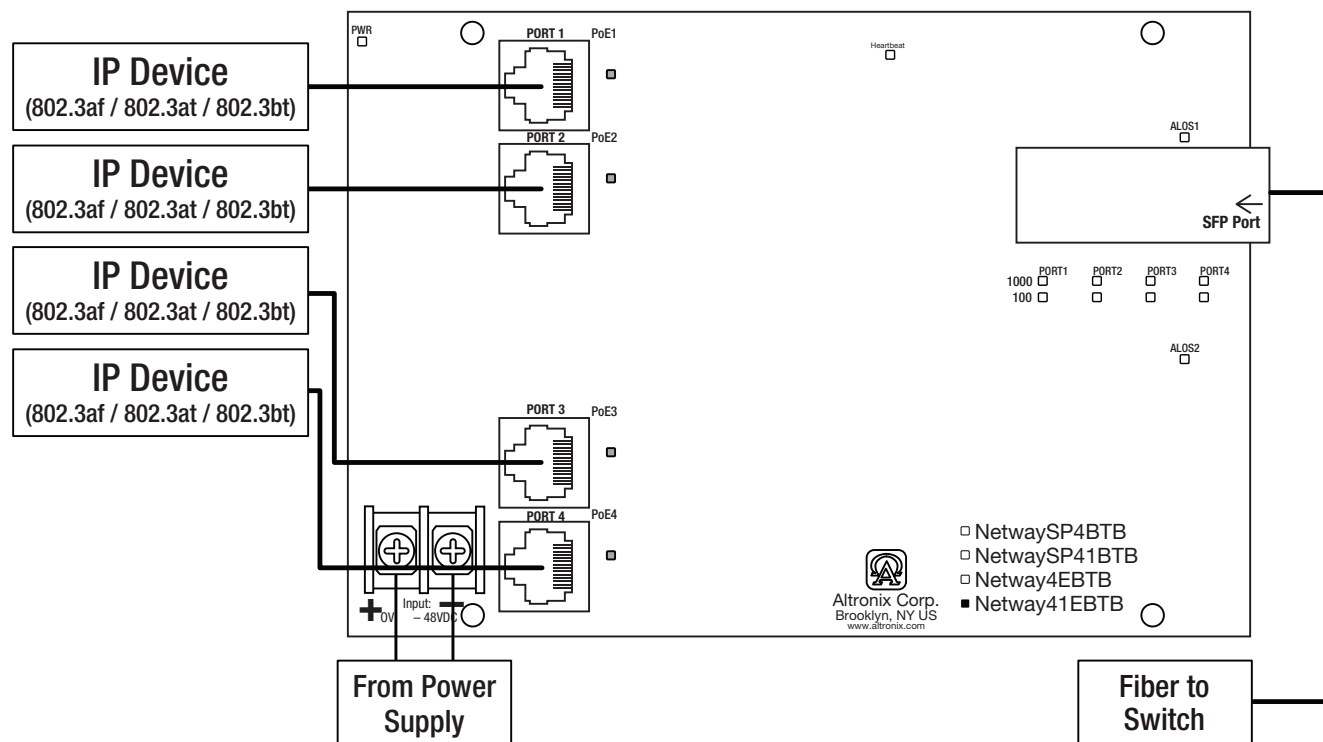


NetWaySP1A

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).

Lifetime Warranty

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



NetWay4E1BTPL

4-port Hardened 4PPoE (802.3bt) Switch with Integral Power on a Backplane



Specifications

4-port PoE+ Hardened Switch (NetWay4E1BTB):

Input

Voltage 56VDC from POE240

Power Output

Maximum Power Four (4) PoE ports rated at 90W each, 240W total power max.
IEEE 802.3af (15W), IEEE 802.3at (30W),
IEEE 802.3bt (90W) compliant
Integral surge protection

SFP Ports: One (1) Gigabit SFP port

Ethernet Ports:

Four (4) 10/100/1000 Mbps ports
Connectivity: RJ45, auto-crossover
Wire type: 4-pair CAT5e or higher
structured cable
Speed: 10/100/1000 Mbps,
half/full duplex, auto negotiation

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

Power Supply/Charger (POE240):

Input

Voltage 115VAC, 60Hz, 2.5A or
230VAC, 50/60Hz, 1.3A

Input Fuse 5A/250V

Output

Voltage Range 56VDC/240W
Current 6.4A continuous supply current
Maximum Power 240W total power
(refer to operating temperature)
Integral surge protection

Battery Charging

Type LiFePO₄ (Lithium Iron Phosphate) or
sealed lead acid or gel type
Failover Upon AC loss, instantaneous
Charging Circuit 24VDC, 0.75A
Batteries are sold separately

NetWay4E1BTPL:

Agency Listings:

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

Backplane: 10.75" x 8.875" x 2.375"
(273.1mm x 225.4mm x 60.3mm)
Shipping: 12" x 10" x 8"
(304.8mm x 254mm x 203.2mm)

Weight (approx.)

Product: 2.6 lb. (1.18 kg)
Shipping: 4.0 lb. (1.81 kg)

Temperature

Operating:
240W: -30°C to 55°C (-22°F to 131°F)
180W: -30°C to 65°C (-22°F to 149°F)
150W: -30°C to 75°C (-22°F to 167°F)
Storage: -30°C to 85°C (-22°F to 185°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.) 122 BTU/Hr.

Operating Altitude: -304.8 to 2,000m

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



NetWay4E1BTPL

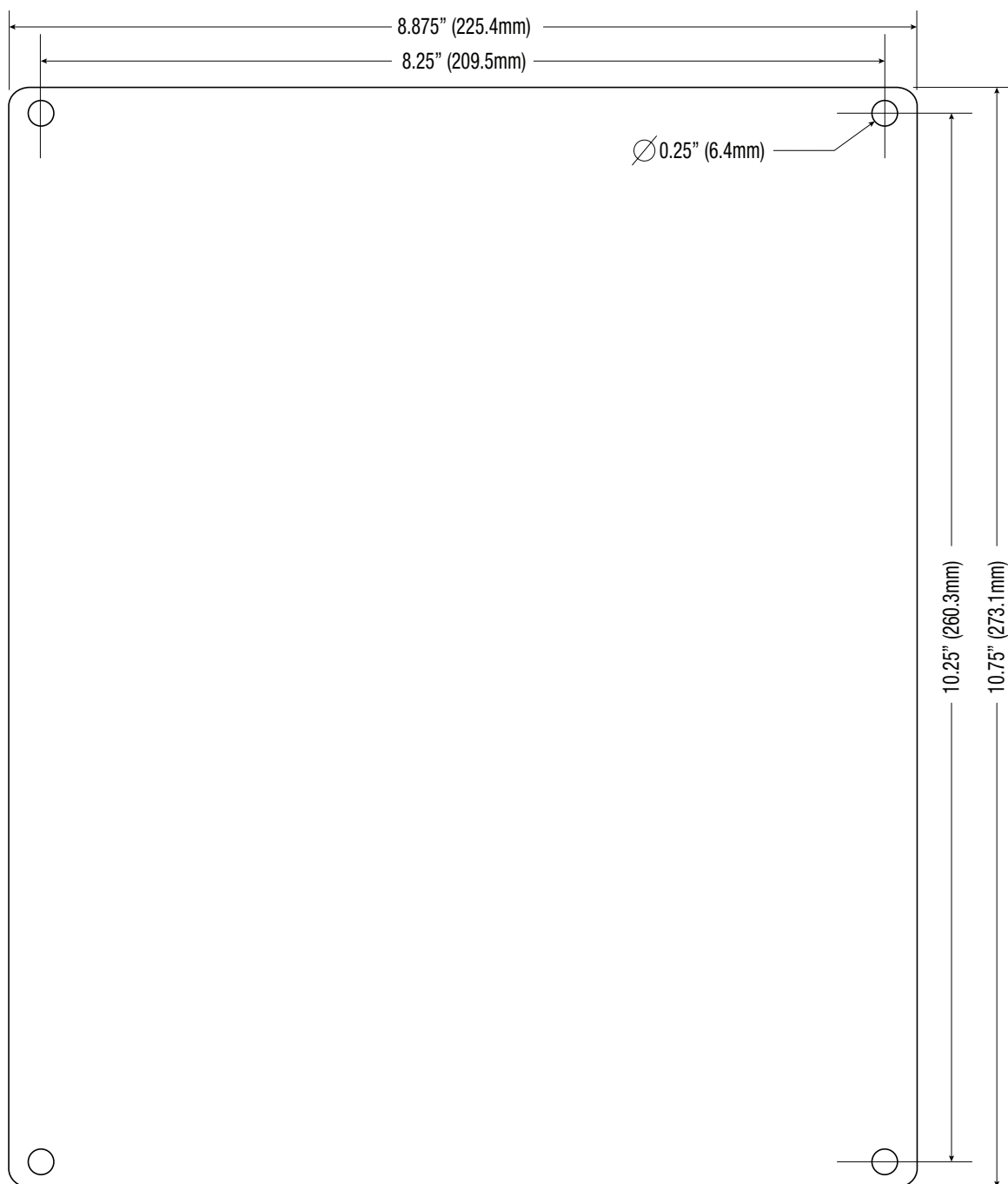
4-port Hardened 4PPoE (802.3bt) Switch with Integral Power on a Backplane



Dimensions and Drawing

Dimensions (H x W x D approximate)

10.75" x 8.875" x 2.375" (273.1mm x 225.4mm x 60.3mm)



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