

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.



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)

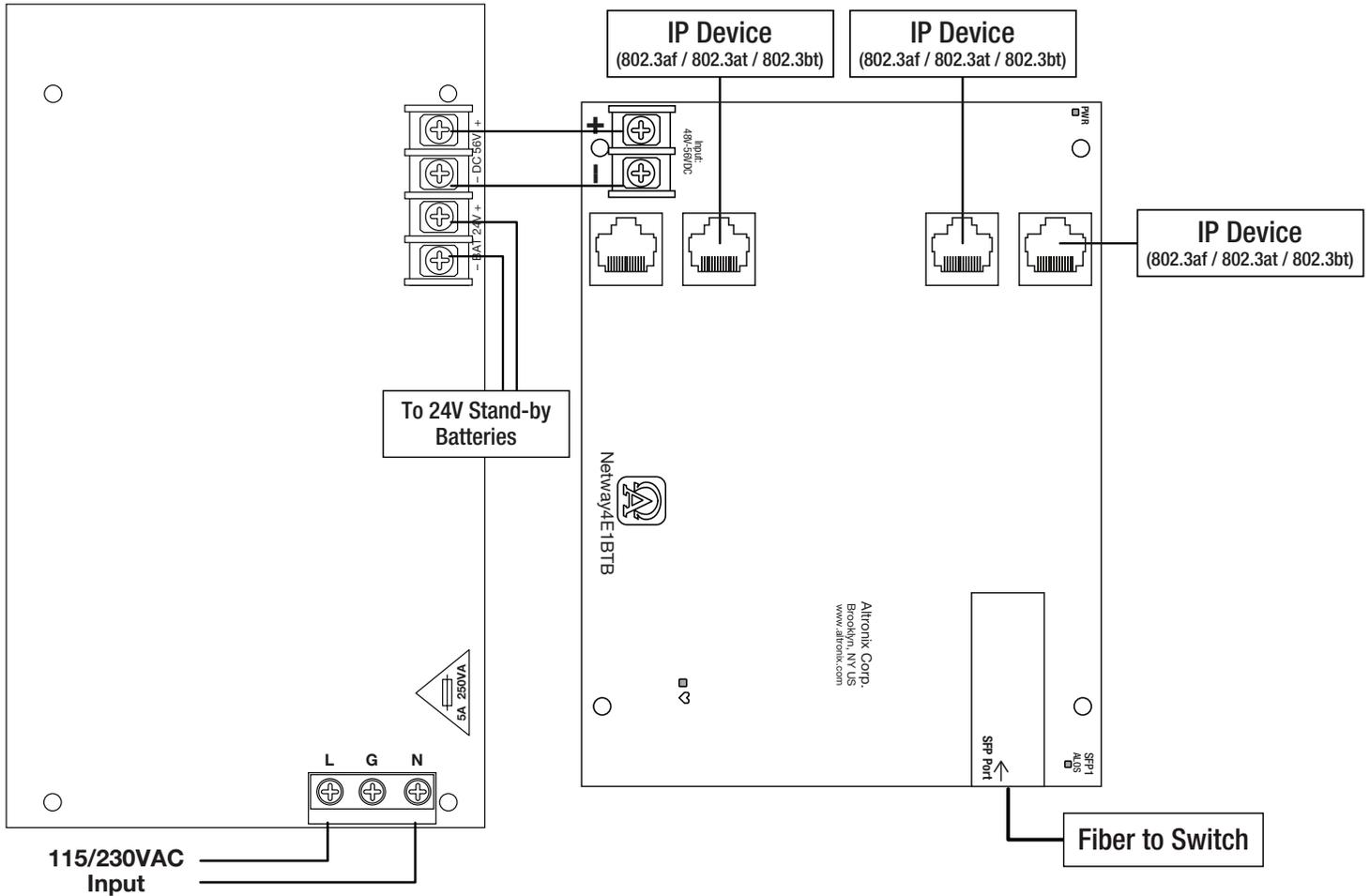
Lifetime Warranty

NetWay4E1BTPL

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



Typical Application



Lifetime Warranty

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Specifications

Input

Voltage	115VAC, 60Hz, 1.8A or 230VAC, 50/60Hz, 1A
Fusing	5A/250V

Power Output

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

Battery Charging

Type 24VDC charging circuit charges LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries (require separate ventilated enclosure)

Failover Upon AC loss, instantaneous
Batteries are sold separately

Indicators (LED)

Individual PoE On LEDs for each port
Individual IP Link status, 10/100/1000 Base-T/active LEDs for each port
ALOS LED indicates fiber connection for SFP port
Heartbeat LED indicates proper operation of the unit

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)
Operating (180W):	- 30°C to 65°C (- 22°F to 149°F)
Operating (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.)

61 BTU/Hr.

Operating Altitude:

- 304.8 to 2,000m

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).

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