

NetWay4E1BTWP

4-port Outdoor Hardened 802.3bt 4PPoE Switch

Altronix NetWay4E1BTWP 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. NetWaySP4BTWP accommodates single/multi-mode fiber or composite cable (fiber+copper) to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors.



NetWay4E1BTWP

Key Features

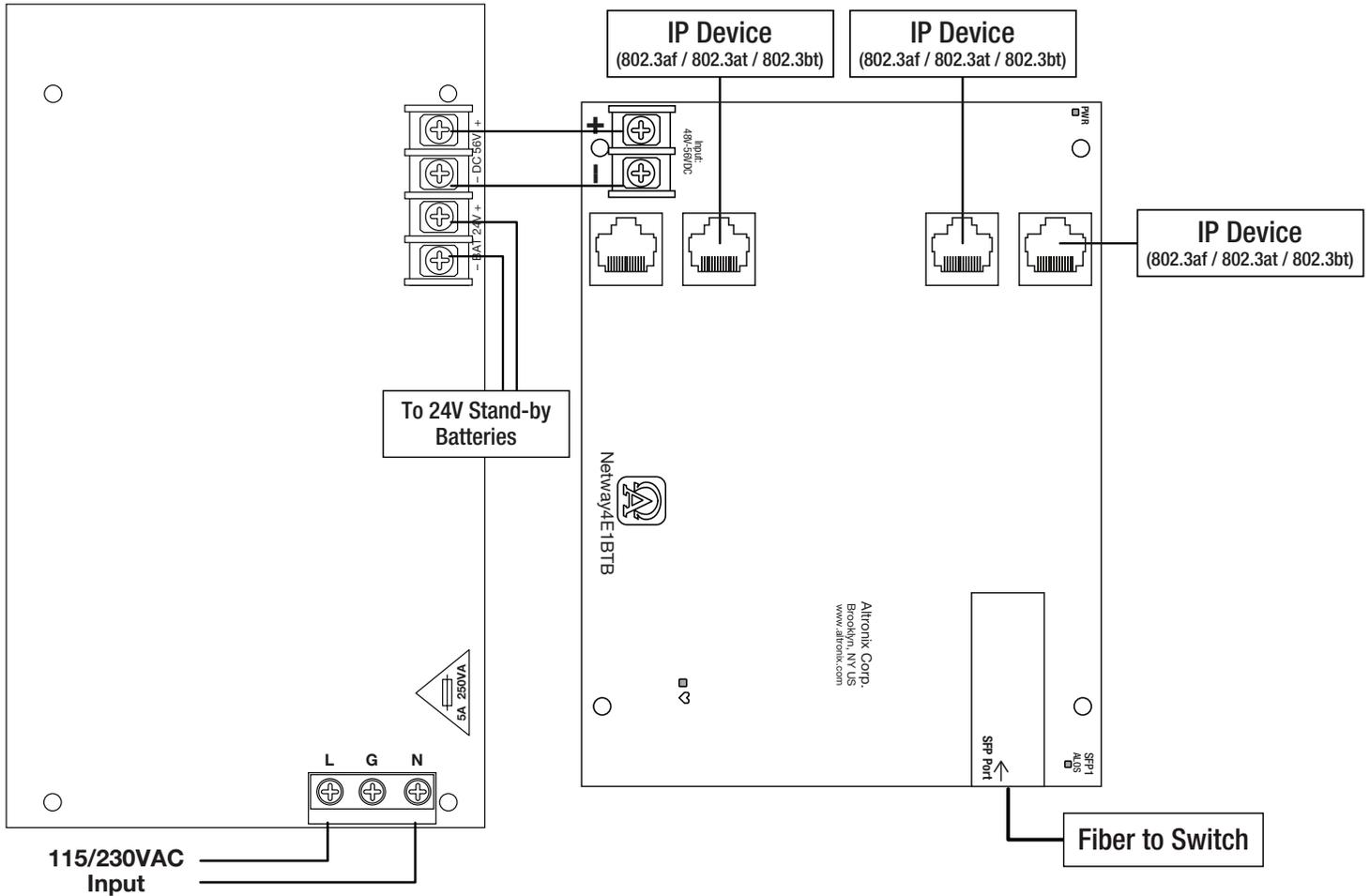
- Four (4) 10/100/1000 Mbps Ethernet ports rated at 90W each (limited to 240W total power)
- IEEE 802.3af, 802.3at, 802.3bt compliant
- One (1) Gigabit SFP port
- Built-in charger for LiFePO₄ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries
- CE European Conformity
- NEMA 4/4X, IP66-11 enclosure

Similar products

NetWay4E1BTWPX	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
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
NetWay4E1BTPL	4-port Hardened 4PPoE Switch on a Backplane
NetWay4E1BTB	4-port Hardened 4PPoE Switch (board only)

Lifetime Warranty

Typical Application



Lifetime Warranty

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
IEEE 802.3af (15W), IEEE 802.3at (30W), IEE 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.

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. Separate ventilated enclosure is required

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)

Enclosure: 13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)
Shipping: 20.25" x 12.5" x 7.25" (514.4mm x 317.5mm x 184.2mm)
NEMA 4/4X, IP66-11 Rated enclosure for outdoor use

Weight (approx.)

Product: 10.32 lb. (4.68 kg)
Shipping: 11.7 lb. (5.3 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)



PMK1 - Pole Mount Kit

PMK1 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8" (diameter) poles.



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

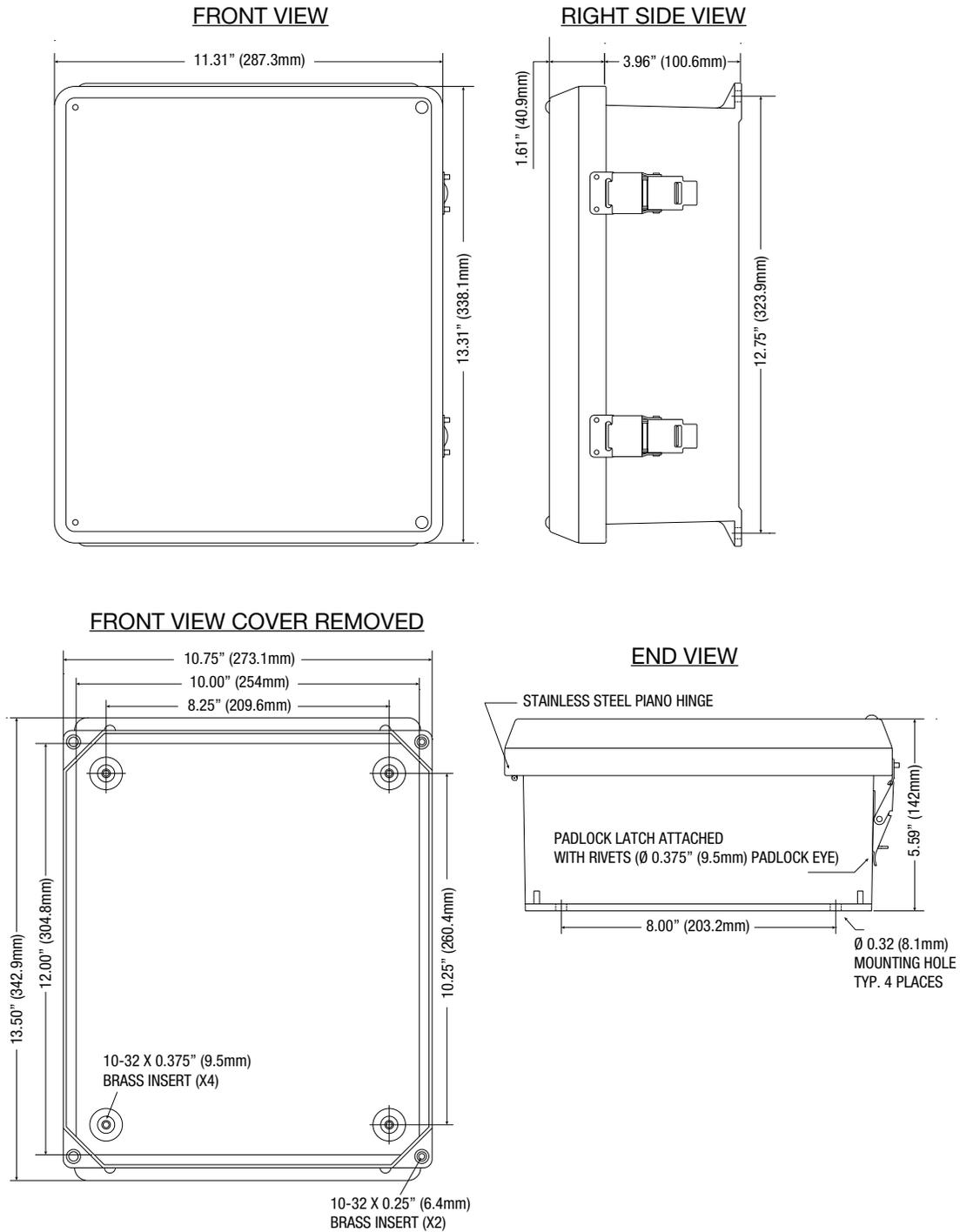
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

Lifetime Warranty

Dimensions and Drawing

Dimensions (H x W x D approximate)

13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)



Lifetime Warranty

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