NetWaySP4BTWP

4-port Outdoor Hardened 4PPoE (802.3bt) Switch with Integral Power

Altronix NetWaySP4BTWP supports up to 90W per port (240W total power) for deploying the latest high-powered IP devices in remote locations. It is equipped with two (2) 1Gb SFP ports to transmit data at long distances and four (4) 802.3bt compliant Ethernet ports. NetWaySP4BTWP accommodates single/multi-mode fiber cable to deliver data from NetWay Spectrum head-end media converters/injectors. Embedded LINQ Technology allows to monitor, control, and report power and diagnostics from anywhere.
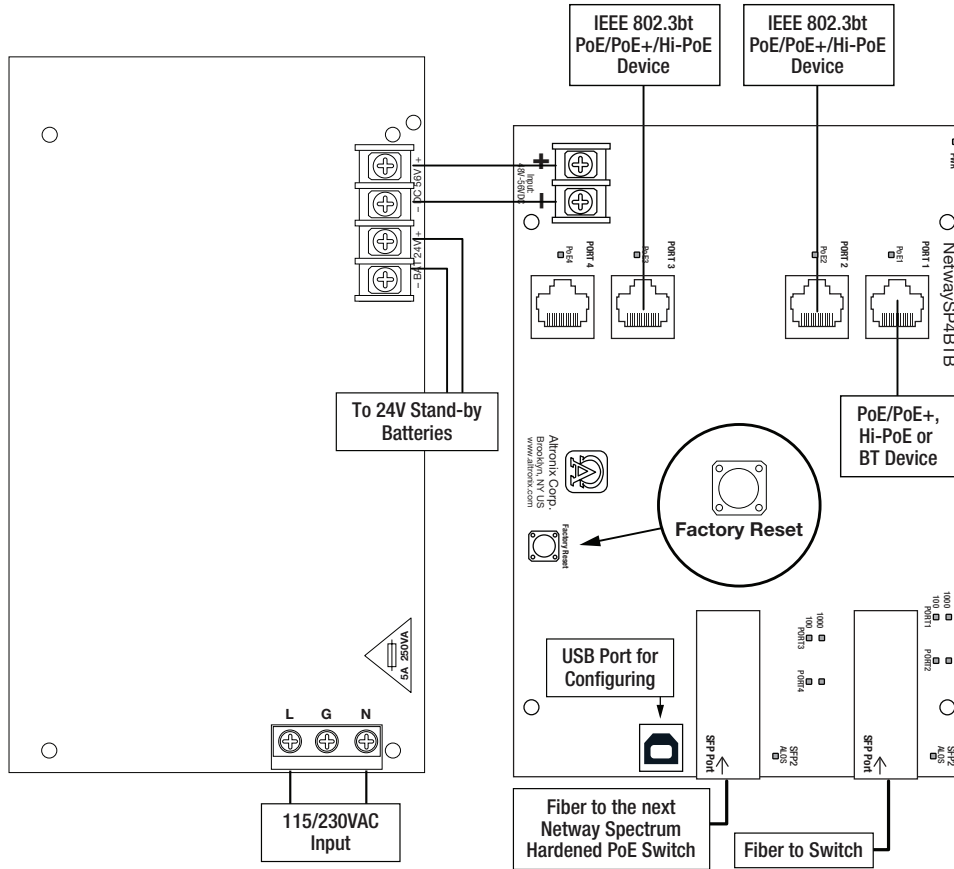
NetWaySP4BTWP

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

- Two (2) Gigabit SFP ports

- VLAN (Virtual Local Area Networks) subnetwork allows for the grouping together of devices for improved network traffic and higher security

- Built-in charger for LiFePO$_4$ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries

- CE European Conformity

- NEMA 4/4X, IP66-11 enclosure

- LINQ Technology:
  - Remote network management allows for camera/device reset and diagnostic monitoring
  - Provides local and/or remote access to critical information via LAN/WAN
  - Email and Windows Dashboard Alert notifications report real-time events
  - Event log tracks history

Similar products

NetWaySP4BTWPX	Outdoor 4-port Hardened 4PPoE Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP4BTWPN	Outdoor 4-port Hardened 4PPoE Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP4BTX	Indoor 4-port Hardened 4PPoE Switch in NEMA 1 Rated indoor enclosure
NetWaySP4BTPL	4-port Hardened 4PPoE Switch with Integral Power on a Backplane
NetWaySP4BTB	4-port Hardened 4PPoE Switch (board only)

Typical Application

IEEE 802.3bt PoE/PoE+/Hi-PoE Device

IEEE 802.3bt PoE/PoE+/Hi-PoE Device

To 24V Stand-by Batteries

PoE/PoE+, Hi-PoE or BT Device

Factory Reset

USB Port for Configuring

115/230VAC Input

Fiber to the next Netway Spectrum Hardened PoE Switch

Fiber to Switch

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).

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

Altronix®

NetWaySP4BTWP
4-port Outdoor Hardened 4PPoE (802.3bt) Switch with Integral Power

Netway SPECTRUM

Specifications

Input
Voltage	115VAC, 60Hz, 1.8A or 230VAC, 50/60Hz, 1A
Input Fuse	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: Two (2) Gigabit SFP ports

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 LiFePO$_4$ (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

VLAN:
Multiple management VLAN assignment
802.1Q Tagged VLAN
Up to 10 VLAN groups. ID Range 2-4095

LINQ Technology:
Remote network management allows for camera/device reset and diagnostic monitoring
Provides local and/or remote access to critical information via LAN/WAN
Email and Windows Dashboard Alert notifications report real-time events
Event log tracks history

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:	10.5 lb. (4.76 kg)
Shipping:	11.9 lb. (5.4 kg)

Temperature
Operating:
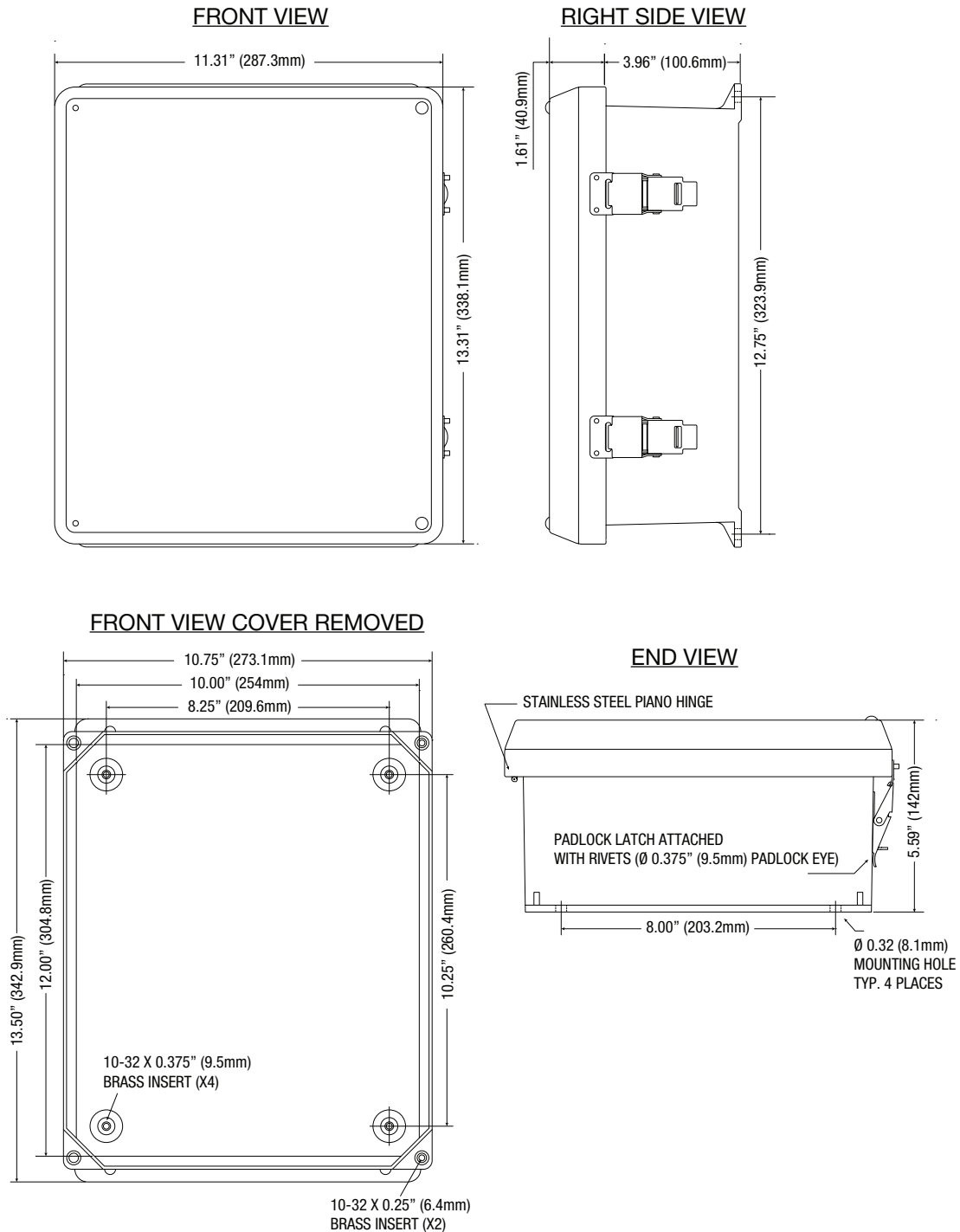|	
240W:	– 40ºC to 55ºC (– 40ºF to 131ºF)
180W:	– 40ºC to 65ºC (– 40ºF to 149ºF)
150W:	– 40ºC to 75ºC (– 40ºF to 167ºF)
Storage:	– 40ºC to 85ºC (– 40ºF to 185ºF)
Relative Humidity	85% +/– 5%
BTU/Hr (approx.)	122 BTU/Hr.
Operating Altitude:	– 304.8 to 2,000m

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)

FRONT VIEW

11.31" (287.3mm)

13.31" (338.1mm)

RIGHT SIDE VIEW

3.96" (100.6mm)

1.61" (40.9mm)

12.75" (323.9mm)

FRONT VIEW COVER REMOVED

10.75" (273.1mm)
10.00" (254mm)
8.25" (209.6mm)

13.50" (342.9mm)
12.00" (304.8mm)

10.25" (260.4mm)

10-32 X 0.375" (9.5mm)
BRASS INSERT (X4)

10-32 X 0.25" (6.4mm)
BRASS INSERT (X2)

END VIEW

STAINLESS STEEL PIANO HINGE

PADLOCK LATCH ATTACHED
WITH RIVETS (Ø 0.375" (9.5mm) PADLOCK EYE)

5.59" (142mm)

8.00" (203.2mm)

Ø 0.32 (8.1mm)
MOUNTING HOLE
TYP. 4 PLACES