NetWaySP8WP
8-port PoE+ Outdoor Hardened Switch

Description

Altronix NetWaySP8WP PoE+ Outdoor Hardened Switch provides two (2) 1Gb SFP (Fiber) ports and eight (8) PoE+ (30W) or two (2) Hi-PoE (60W) ports, passing data for PoE/PoE+/Hi-PoE compliant devices. 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.
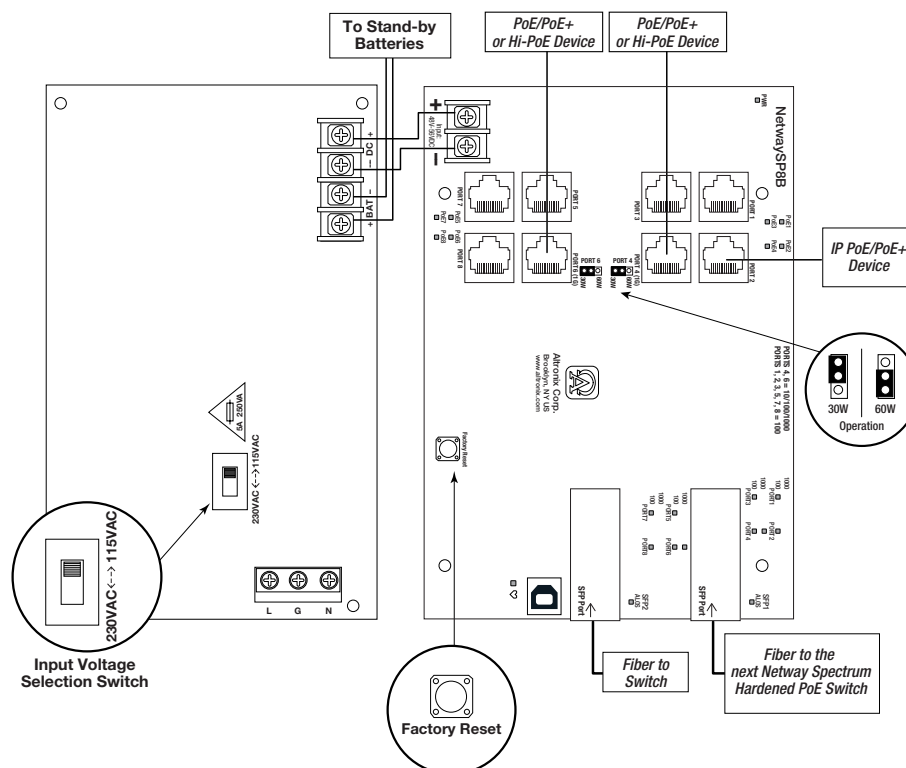
NetWaySP8WP

Key Features

- Two (2) Gigabit SFP ports.

- 115W total power:
  - Eight (8) PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports.

- Two (2) 10/100/1000 Mbps ports.

- Six (6) 100 Mbps full duplex ports.

- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or Hi-PoE (60W).

- PoE activity LED indicators.

- Automatic switch over to stand-by battery when AC fails.

- UL Listed in the U.S. and Canada.

- CE Approved.

- Lifetime Warranty / Made in the U.S.A.

Similar products:

- NetWaySP8WPX - 8-port PoE+ Outdoor Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries.

- NetWaySP8WPN - 8-port Outdoor Hardened Switch only in NEMA 4/4X, IP66-11 enclosure.

- NetWaySP8X - 8-port PoE+ Indoor Hardened Switch.

- NetWaySP8PL - 8-port PoE+ Hardened Switch on Backplane.

- NetWaySP8B - 8-port PoE+ Switch board only.

Typical Application

NetWaySP8WP
8-port PoE+ Hardened Switch

Specifications

Input

Voltage	115VAC, 60Hz, 2.5A or 230VAC, 50/60Hz, 1.3A.
Fusing	5A/250V.

Power Output

Maximum Power	Eight (8) PoE+ (30W) ports or two (2) Hi-PoE (60W) ports. IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant. 115W total power. Integral surge protection.

Fiber Ports: Two (2) Gigabit SFP ports.

Ethernet Ports: Six (6) 100 Mbps full duplex only (ports 1, 2, 3, 5, 7 and 8) and two (2) 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.

Back-up Battery (not included)

Type	Sealed lead acid or gel type.
Failover	Upon AC loss, instantaneous.

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.

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.

Agency Listings

UL/cUL	UL60950-1 (Information Technology Equipment). UL60950-22 (Information Technology Equipment to be installed Outdoors).
CE	European Conformity.

Physical and Environmental

Enclosure Dimensions (H x W x D approx.):
13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm).
NEMA 4/4X, IP66-11 Rated enclosure for outdoor use.

Product Weight / Shipping (approx.)

Product Weight:	10.5 lbs. (4.76 kg).
Shipping Weight:	11.9 lbs. (5.4 kg).

Temperature

Operating:	60W: -40ºC to 75ºC (-40ºF to 167ºF). 75W: -40ºC to 70ºC (-40ºF to 158ºF). 100W: -40ºC to 55ºC (-40ºF to 131ºF). 115W: -40ºC to 45ºC (-40ºF to 113ºF).
Storage:	-40ºC to 85ºC (-40ºF to 185ºF).
Relative Humidity:	85% +/-5%
BTU/Hr. (approx.):	61 BTU/Hr.
Operating Altitude:	-304.8 to 2,000m.

Accessories

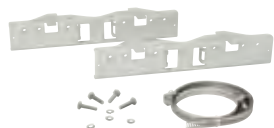### NetWaySP1A - Ethernet over Fiber Media Converter/Repeater
For Applications requiring an additional SFP (Fiber) Port
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

P1MM and P1SM10 - SFP Modules
Altronix P1MM and P1SM10 are hot-pluggable SFP fiber transceiver modules and are readily usable with all Altronix Spectrum fiber optic equipment for 1G transmission rates. The P1MM is to be used with Multi-Mode Fiber for distances up to 550m. The P1SM10 is to be used with Single-Mode Fiber for distances up to 10Km.

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