# NetWaySP4WPN
## 4-port PoE+ Hardened Switch


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### Description

Altronix NetWaySP4WPN Outdoor PoE+ Hardened Switch provides two (2) 1Gb SFP (Fiber) ports and four (4) 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.

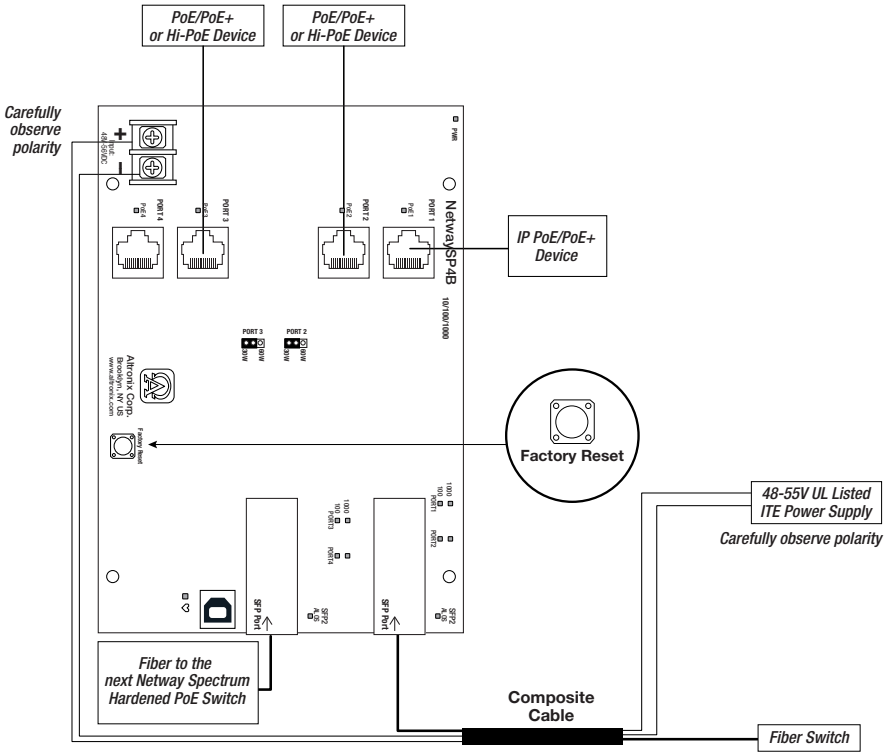
### Key Features

- Two (2) Gigabit SFP ports.
- 120W total power:
  - Four (4) PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports.
- Four (4) 10/100/1000 Mbps ports.
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or Hi-PoE (60W).
- PoE activity LED indicators.
- UL Listed in the U.S. and Canada.
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.

**Similar products:**

- NetWaySP4WPX - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries.
- NetWaySP4WP - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure.
- NetWaySP4X - Indoor 4-port PoE+ Hardened Switch.
- NetWaySP4PL - 4-port PoE+ Hardened Switch on Backplane.
- NetWaySP4B - 4-Port PoE+ Switch board only.

### Typical Application



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# 4-port PoE+ Hardened Switch

## Specifications

**Input**

Voltage: 48-55V UL Listed ITE power supply (up to 120W).

**Power Output**

Maximum Power:
- Four (4) PoE+ (30W) ports or two (2) Hi-PoE (60W) ports.
- IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant.
- 120W total power.
- Integral surge protection.

**Fiber Ports:** Two (2) Gigabit SFP ports.

**Ethernet Ports:**
- Four (4) 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.

**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: 9.5 lbs. (4.3 kg).
- Shipping Weight: 10.9 lbs. (4.9 kg).

Temperature
- Operating (120W): -40ºC to 75ºC (-40ºF to 167ºF)
- Storage: -40ºC to 85ºC (-40ºF to 185ºF)

Relative Humidity: 85% +/-5%.

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.

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