

8-port Hardened PoE+ Switch with Integral Power



Altronix NetWaySP8WP2 supports up to 60W 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 eight (8) PoE+ (30W) or two (2) Hi-PoE (60W) Ethernet ports. NetWaySP8WP2 accommodates single/multi-mode fiber or composite cable (fiber+copper) to simultaneously deliver power and data from NetWay Spectrum head-end media converters/injectors. Embedded LINQ Technology allows to monitor, control, and report power and diagnostics from anywhere.



NetWaySP8WP2

Key Features

- Eight (8) PoE/PoE+ (up to 30W) ports or two (2) Hi-PoE (60W) ports (240W total power)
- IEEE 802.3af, 802.3at compliant or Hi-PoE (60W)
- 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 LiFePO₄ (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

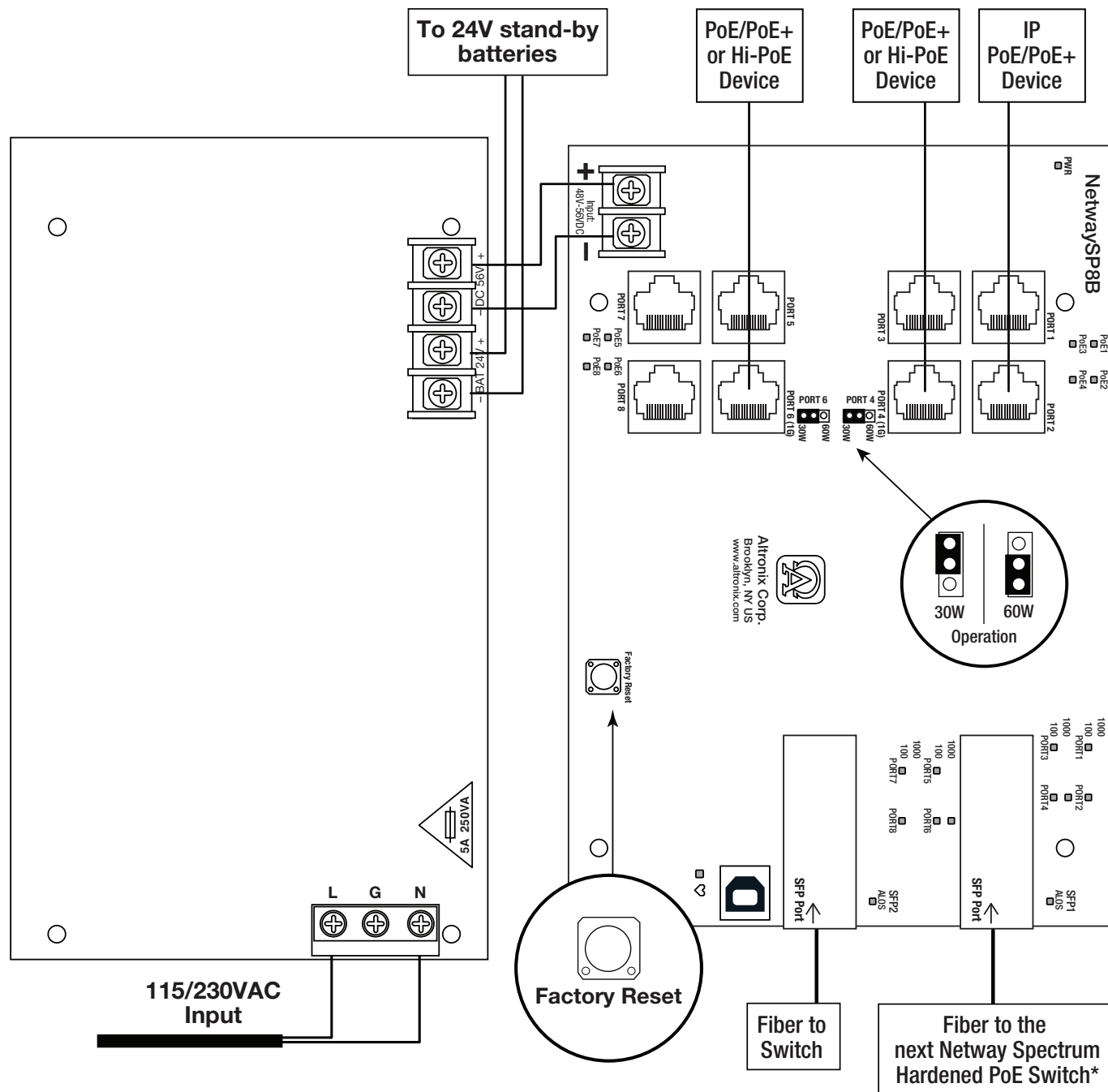
NetWaySP8WPX2	Outdoor 8-port Hardened PoE+ Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP8PL2	8-port Hardened PoE+ Switch with Integral Power on a Backplane
NetWaySP8X2	8-port Hardened PoE+ Switch with Integral Power in NEMA 1 Rated indoor enclosure

Lifetime Warranty

NetWaySP8WP2

8-port Hardened PoE+ Switch with Integral Power

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	Eight (8) PoE+ (30W) ports or two (2) Hi-PoE (60W) ports IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant 240W total power. Integral surge protection
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SFP 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 CAT5e or higher structured cable
Speed: 10/100/1000 Mbps half/full duplex, auto negotiation

Back-up Battery

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

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
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Agency Listings

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

Temperature

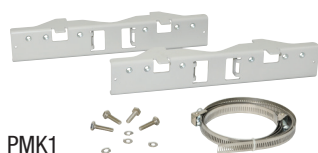
Operating (240W):	-30°C to 55°C (-22°F to 131°F)
Operating (180W):	-30°C to 65°C (-22°F to 149°F)
Operating (150W):	-30°C to 75°C (-22°F to 167°F)
Storage	-30°C to 85°C (-22°F to 185°F)

Relative Humidity 85% +/-5%

BTU/Hr (approx.): 61 BTU/Hr.

Operating Altitude: -304.8 to 2,000m

Accessories (order separately)



PMK1

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

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).