Altronix®

NetWaySP8WPX2
8-port Hardened PoE+ Switch with Integral Power

NetWay SPECTRUM

Altronix NetWaySP8WPX2 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. NetWaySP8WPX2 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.
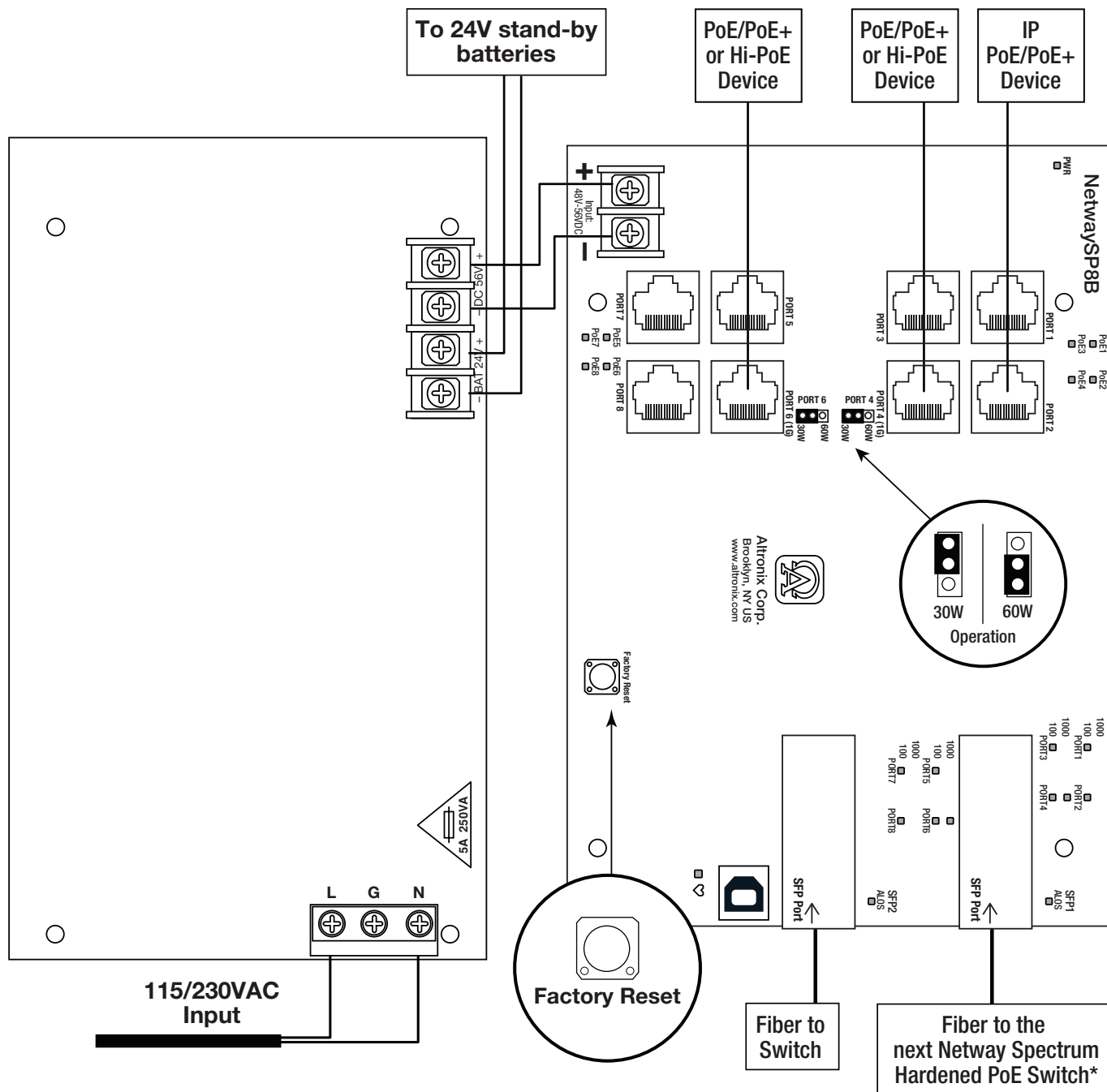
NetWaySP8WPX2

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 LiFePO$_4$ (Lithium Iron Phosphate) or sealed lead acid or gel type batteries

- CE European Conformity

- NEMA 4/4X, IP66-11 enclosure accommodates batteries

- 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

NetWaySP8WP2	Outdoor 8-port Hardened PoE+ Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure
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

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NetWaySP8WPX2
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Typical Application

To 24V stand-by batteries

PoE/PoE+ or Hi-PoE Device

PoE/PoE+ or Hi-PoE Device

IP PoE/PoE+ Device

NetwaySP8B

30W 60W
Operation

Altronix Corp.
Brooklyn, NY US
www.altronix.com

5A 250VA

L G N

115/230VAC Input

Factory Reset

SFP Port

SFP Port

Fiber to Switch

Fiber to the next Netway Spectrum Hardened PoE Switch*

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

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
Event log tracks history

Agency Listings

CE	European Conformity

Physical and Environmental

Enclosure Dimensions (H x W x D approx.):
17.53" x 15.3" x 6.67" (445.3mm x 388.6mm x 169.4mm)
NEMA 4/4X, IP66-11 Rated enclosure for outdoor use

Product Weight / Shipping (approx.)

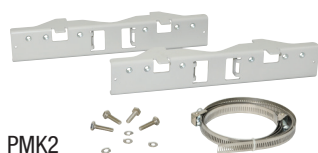| Product Weight:	15 lb. (6.8 kg)
Shipping Weight:	7.5 lb. (7.9kg)

Temperature

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

Relative Humidity	85% +/-5%
BTU/Hr (approx.):	61 BTU/Hr.
Operating Altitude:	-304.8 to 2,000m

Accessories (order separately)

PMK2

PMK2 -
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).