Altronix®

Rev. 09162025

NetWaySP8WP3

8-port Hardened PoE+ Switch with Integral Power

Netway SPECTRUM

Altronix NetWaySP8WP3 supports up to 60W per port (360W 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) 60W Ethernet ports. NetWaySP8WP3 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.

For 277VAC input see model NetWaySP8WP37.

NetWaySP8WP3

Key Features

- Eight (8) PoE/PoE+ (up to 30W) ports or two (2) 60W ports (360W total power)
- IEEE 802.3af, 802.3at compliant or 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 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

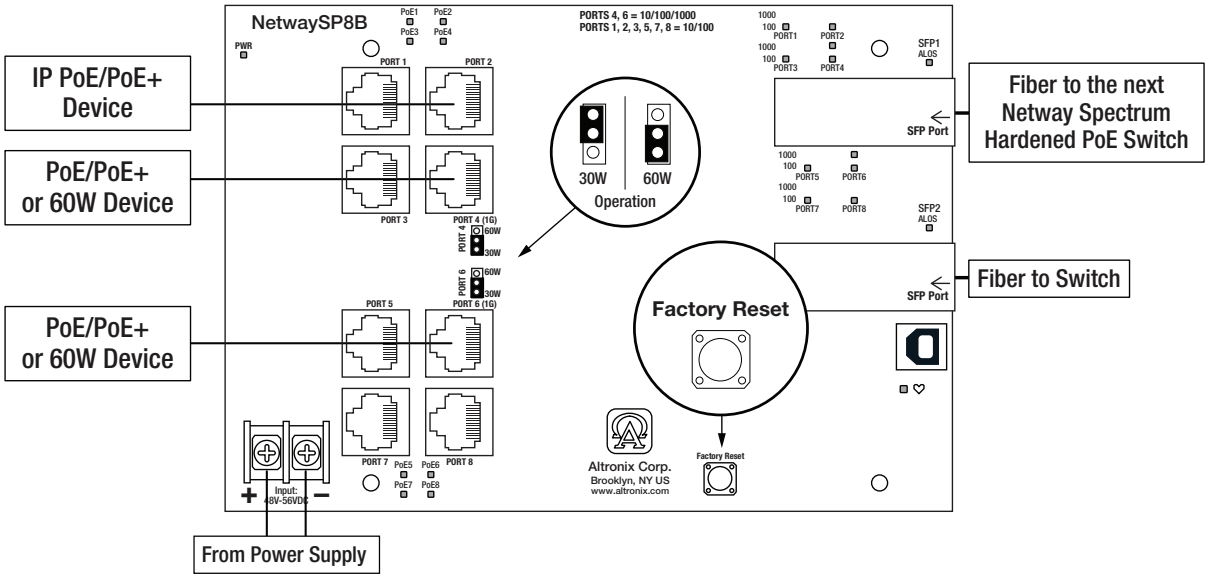
NetWaySP8WPX3	Outdoor 8-port Hardened PoE+ Switch with Integral Power in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP8PL3	8-port Hardened PoE+ Switch with Integral Power on a Backplane
NetWaySP8X3	8-port Hardened PoE+ Switch with Integral Power in NEMA 1 Rated indoor enclosure

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

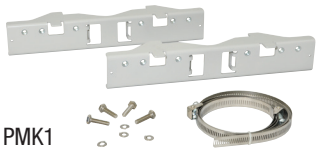
NetWaySP8WP3

8-port Hardened PoE+ Switch with Integral Power

Typical Application



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 Port

NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

Lock1WP

LOCK1WP - Pad Lock for Altronix Outdoor Enclosures

Altronix Lock1WP is a pad lock to secure the latches on Altronix outdoor enclosures. Includes a single pad lock and two (2) keys.

WG1

WG1 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

NetWaySP8WP3

8-port Hardened PoE+ Switch with Integral Power

Specifications

8-port PoE+ Hardened Switch (NetWaySP8B):

Input

Voltage	56VDC from POE360

Power Output

Maximum Power	Eight (8) PoE+ (30W) ports or two (2) 60W ports IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant 360W total power Integral surge protection
Fiber Ports:	Two (2) Gigabit SFP ports
Ethernet Ports:	Six (6) 10/100 Mbps 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

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

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

VLAN:

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

Power Supply/Charger (POE360):

Input

Voltage	115VAC, 60Hz, 3.5A or 230VAC, 50/60Hz, 2A
Input Fuse	5A/250V

Output

Voltage Range	54VDC/360W
Current	6.4A continuous supply current
Maximum Power	360W total power *(refer to operating temperature)* Integral surge protection

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous
Charging Circuit	48VDC, 0.75A

Batteries are sold separately

NetWaySP8WP3:

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:	
360W:	– 30ºC to 70ºC (– 22ºF to 158ºF)
240W:	– 30ºC to 75ºC (– 22ºF to 167ºF)
Storage:	– 30ºC to 85ºC (– 22ºF to 185ºF)
Relative Humidity	85% +/– 5%
BTU/Hr (approx.)	183 BTU/Hr.
Operating Altitude:	– 304.8 to 2,000m

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

Altronix®

NetWaySP8WP3

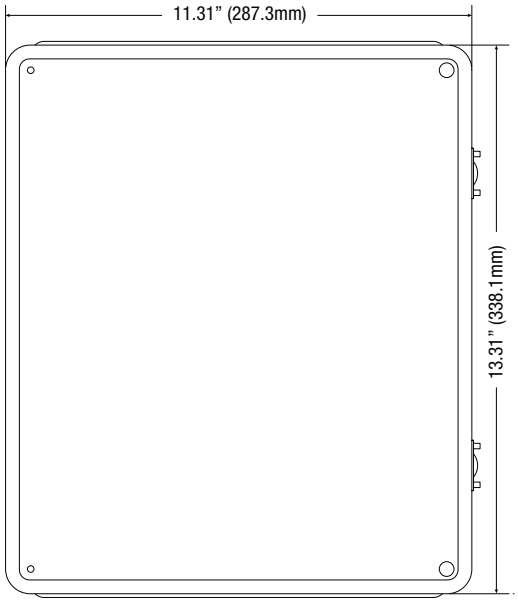
8-port Hardened PoE+ Switch with Integral Power

Dimensions and Drawing

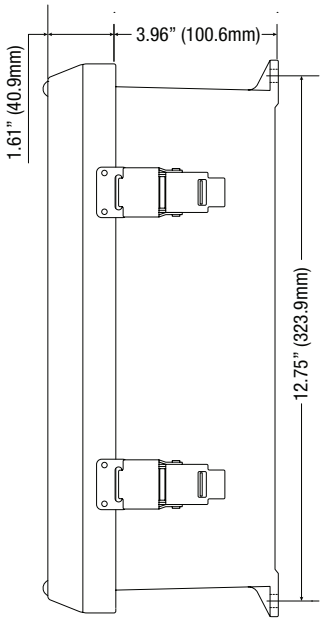
Dimensions (H x W x D approximate)

13.3” x 11.3” x 5.59” (338.1mm x 287.3mm x 142mm)

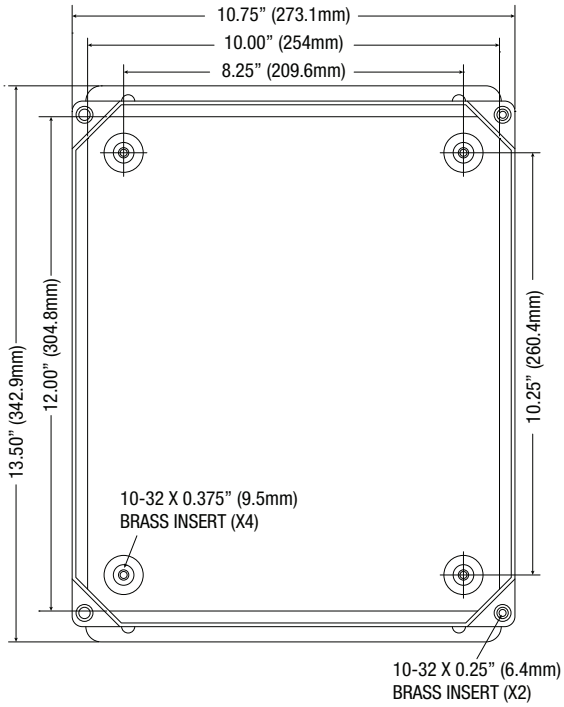
FRONT VIEW



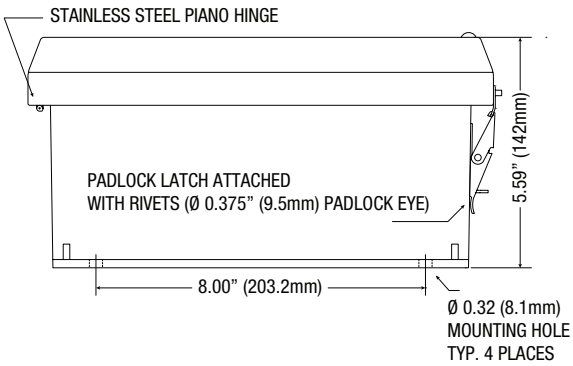
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com