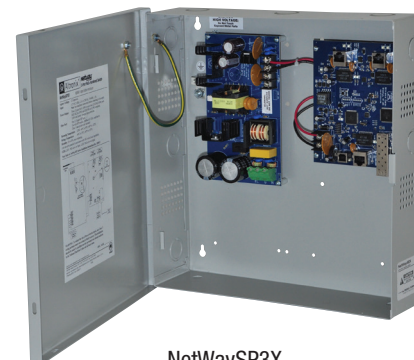# Altronix®

NetWaySP3X
3-port Hardened PoE Switch with Integral Power

Netway SPECTRUM

Altronix NetWaySP3X PoE+ Hardened Switch provides a 1Gb SFP port and two (2) 60W ports and a single 30W port. 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.

NetWaySP3X

Key Features

- One (1) Gigabit SFP port
- 120W total power:
  - Two (2) 60W ports (PoE/PoE+ / Hi-PoE)
  - One (1) 30W port (PoE/PoE+)
- 10/100/1000 Mbps each port
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or Hi-PoE (60W)

- PoE activity LED indicators
- Built-in charger for sealed lead acid or gel type batteries
- Automatic switch over to stand-by battery when AC fails
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

Similar products

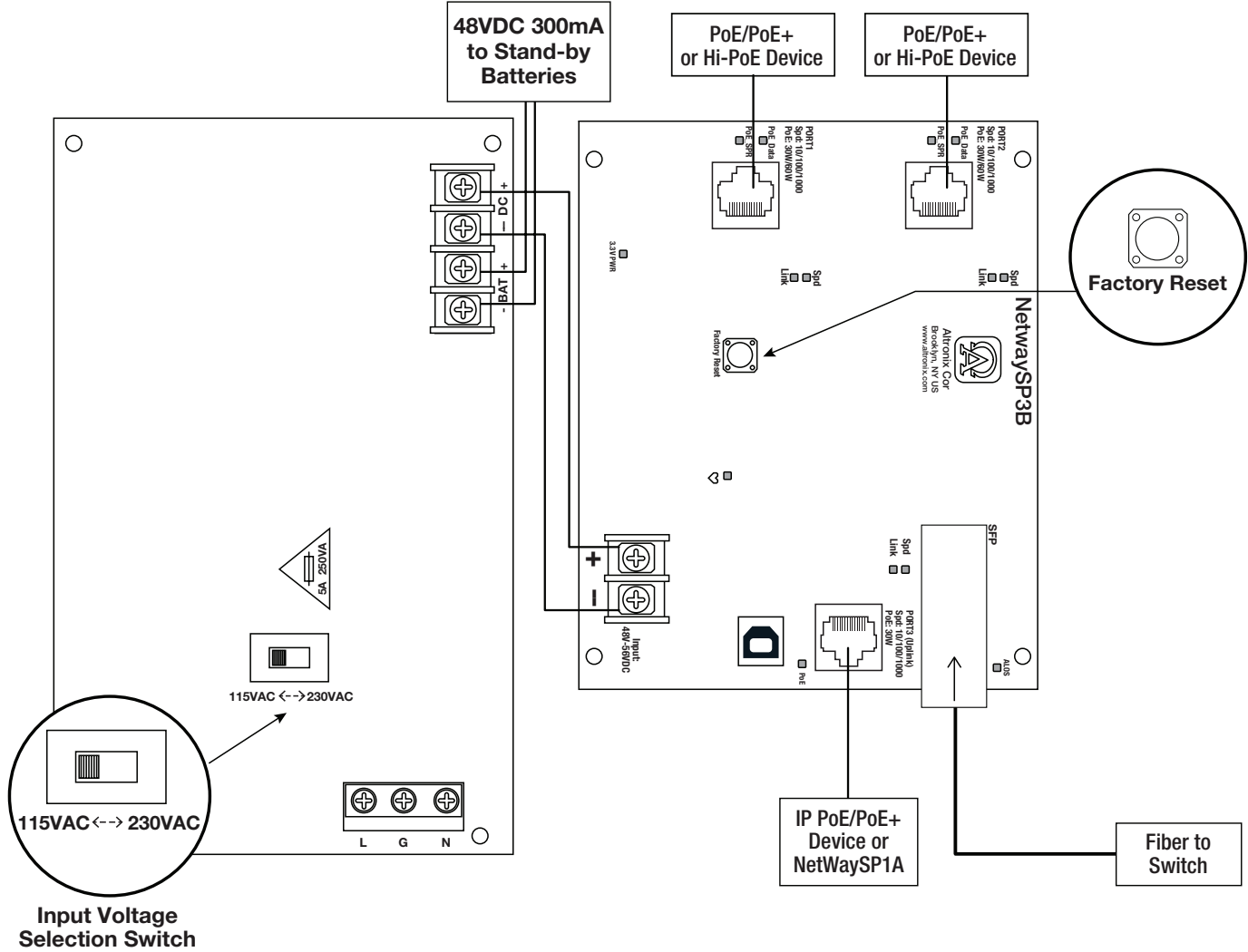|	
NetWaySP3WPX	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP3WP	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP3WPN	Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
NetWaySP3PL	4-port PoE+ Hardened Switch with Integral Power on a Backplane
NetWaySP3B	4-port PoE+ Hardened Switch (board only)

Altronix®

NetWaySP3X
3-port Hardened PoE Switch with Integral Power

Netway SPECTRUM

Typical Application

48VDC 300mA to Stand-by Batteries

PoE/PoE+ or Hi-PoE Device

PoE/PoE+ or Hi-PoE Device

Factory Reset

Input Voltage Selection Switch

115VAC ←→ 230VAC

5A 250VA

115VAC ←→ 230VAC

L   G   N

NetwaySP3B

Altronix Cor
Brooklyn, NY US
www.altronix.com

PORT1
Spd: 10/100/1000
PoE:30W/60W

PORT2
Spd: 10/100/1000
PoE:30W/60W

PoE SPR
PoE Data

Spd
Link

Factory Reset

3.3V PWR

Input:
48V-56VDC

Spd
Link

PORT3 (Uplink)
Spd: 10/100/1000
PoE: 30W

SFP

PoE

ALOS

IP PoE/PoE+ Device or NetWaySP1A

Fiber to Switch

Altronix®

NetWaySP3X
3-port Hardened PoE Switch with Integral Power

Netway SPECTRUM

Specifications

Input

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

Power Output

Maximum Power
120W total power:
Two (2) 60W ports (PoE/PoE+ / Hi-PoE)
One (1) 30W port (PoE/PoE+)
10/100/1000 Mbps each port
IEEE 802.3at (30W), IEEE 802.3af (15W) compliant, or Hi-PoE (60W).
Integral surge protection.

Fiber Ports: One (1) Gigabit SFP port

Ethernet Ports:
Three (3) 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)
CE	European Conformity

Physical and Environmental

Enclosure Dimensions (H x W x D approx.):
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)

Product Weight / Shipping (approx.)

Product Weight:	6.65 lb. (3.02 kg)
Shipping Weight:	7.55 lb. (3.42 kg)

Temperature

Operating:	60W: -40ºC to 75ºC (-40ºF to 167ºF)
	75W: -40ºC to 70ºC (-40ºF to 158ºF)
	100W: -40ºC to 55ºC (-40ºF to 131ºF)
	120W: -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 (order separately)

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
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).