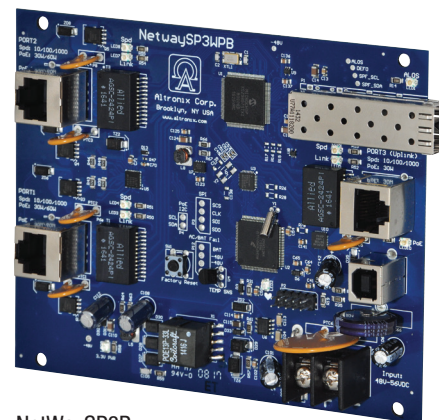# Altronix®

NetWaySP3B
3-port Hardened PoE Switch Board

Netway SPECTRUM

Altronix NetWaySP3B PoE+ Switch provides a 1Gb SFP port, 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.
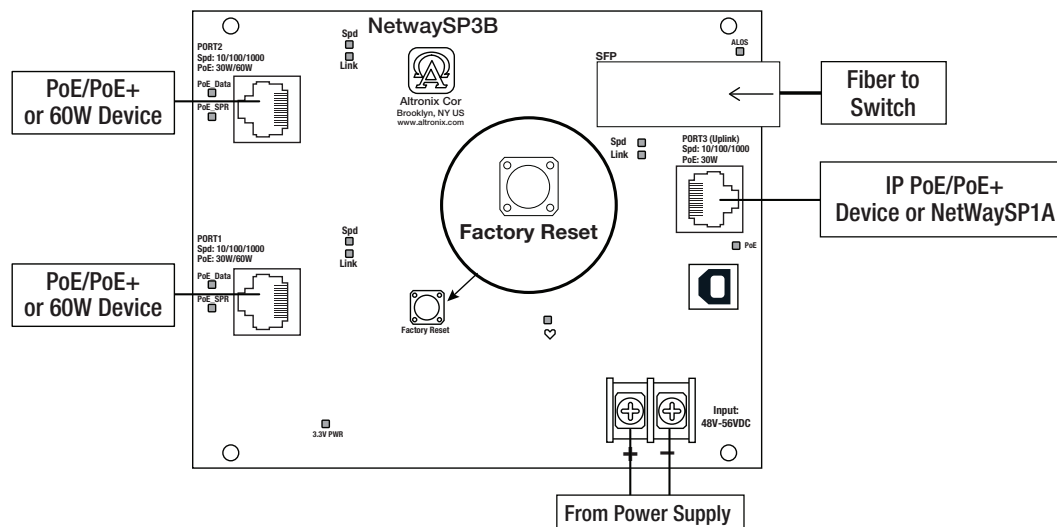

NetWaySP3B

Key Features

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

- PoE activity LED indicators
- Mounting hardware included
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

Similar products

NetWaySP3WPX	Outdoor 3-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP3WP	Outdoor 3-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP3WPN	Outdoor 3-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
NetWaySP3X	Indoor 3-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
NetWaySP3PL	3-port PoE+ Hardened Switch with Integral Power on a Backplane

Altronix®

NetWaySP3B
3-port Hardened PoE Switch Board

Netway SPECTRUM

Typical Application

PoE/PoE+ or 60W Device

PoE/PoE+ or 60W Device

NetwaySP3B

PORT2 Spd: 10/100/1000 PoE: 30W/60W
Spd Link
PoE_Data
PoE_SPR

Altronix Cor Brooklyn, NY US www.altronix.com

PORT1 Spd: 10/100/1000 PoE: 30W/60W
Spd Link
PoE_Data
PoE_SPR

Factory Reset

Factory Reset

3.3V PWR

SFP

Spd Link

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

ALOS

Fiber to Switch

IP PoE/PoE+ Device or NetWaySP1A

Input: 48V–56VDC

From Power Supply

Specifications

Input
Voltage   48-56V UL Listed ITE power supply (up to 120W)

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

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

Agency Listings
UL/cUL   UL60950-1 (Information Technology Equipment)
UL60950-22 (Information Technology Equipment to be installed Outdoors)
CE   European Conformity

Physical and Environmental
Dimensions (L x W x H)
   Board: 5.625" x 4.5" x 0.625" (158.8mm x 142.9mm x 15.9mm)
   Shipping: 13" x 10" x 6" (330.2mm x 254mm x 152.4mm)
Weight (approx.)
   Product: 0.7 lb. (0.32 kg)
   Shipping: 0.8 lb. (0.36 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%
Operating Altitude: – 304.8 to 2,000m

Power Sourcing Equipment and Accessories (order separately)

(front)

(rear)

4-port Ethernet over Fiber Media Converters for Applications Utilizing Composite or Conventional Cabling

NetWaySP4	Unit passes a maximum power up to 120W per port (240W total power) from a Power Supply or Midspan Injector. Four (4) 1Gb SFP ports.
NetWaySP4P	Unit provides a maximum power up to 120W per port (240W total power) from a built-in Power Supply/ Charger. Four (4) 1Gb SFP ports.
NetWaySP4P2	Unit provides 56VDC power-limited 60W max. per port (240W total power) from a built-in Power Supply/Charger. Four (4) 1Gb SFP ports.

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).

PoE Power Supplies

POE60 - 75W Power Supply/Lithium Iron Phosphate Charger

Provides 75W for NetWay Spectrum switches.
It also features a built-in charger for Lithium Iron Phosphate batteries.

POE201 - 120W Power Supply/Charger

Provides 120W for NetWay Spectrum switches.
It also features a built-in charger for sealed lead acid or gel type batteries.