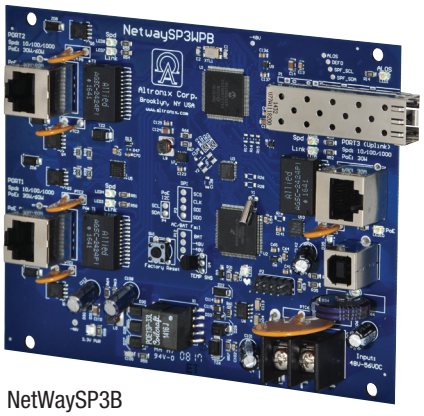
Altronix®

Rev. 03072022

NetWaySP3B

3-port Hardened PoE Switch Board

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+ / 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
- 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

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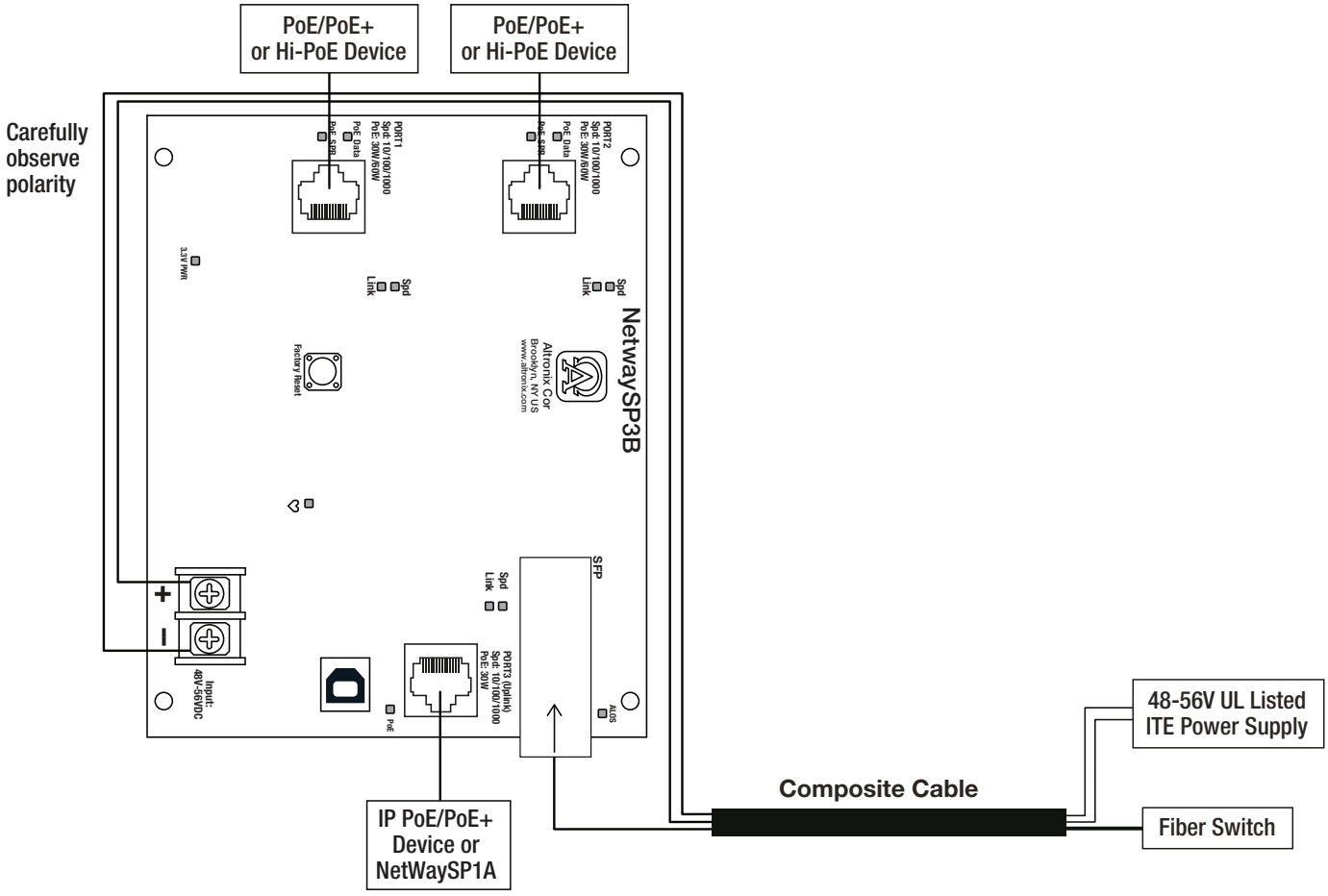
3-port Hardened PoE Switch Board

Typical Composite (Fiber + Copper) Application



NetWaySP3B

3-port Hardened PoE Switch Board

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+ / 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

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) UL60950-22 (Information Technology Equipment to be installed Outdoors)
CE	European Conformity

Physical and Environmental

Board Dimensions (L x W x H approx.):

5.625" x 4.5" x 0.625" (158.8mm x 142.9mm x 15.9mm)

Product Weight / Shipping (approx.)

Product Weight: 0.25 lb. (0.11 kg)

Shipping Weight: 0.75 lb. (0.34kg)

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

Accessories (order separately)

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).

4-port Ethernet over Fiber Media Converter for applications utilizing composite or conventional cabling

NetWaySP4 -
Unit passes a maximum power up to 120W per port from a Power Supply or Midspan Injector. Four (4) 1Gb SFP ports.

NetWaySP4P -
Unit passes a maximum power up to 120W per port from a built-in Power Supply/Charger. Four (4) 1Gb SFP ports.

NetWaySP4P2 -
Unit passes 56VDC power-limited 60W max. per port 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.

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.

Lifetime Warranty

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