Altronix®

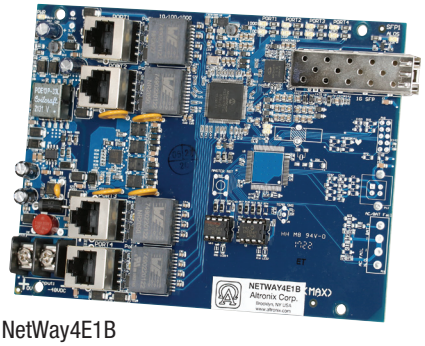
Rev. 09102025

NetWay4E1B

4-port PoE+ Hardened Switch Board

Altronix NetWay4E1B PoE+ Switch provides a 1Gb SFP port and four (4) PoE+ (30W) ports. Cameras/edge devices may be located up to 100m from the unit.

For managed switch see model NetWay4EB.



NetWay4E1B

Key Features

- Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports
- External 48-56V UL Listed ITE power supply required
- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- 120W total power
- One (1) Gigabit SFP port
- PoE activity LED indicators
- Mounting hardware is included
- CE European Conformity
- Lifetime Warranty

Similar products

NetWay4E1WPX	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWay4E1WP	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
NetWay4E1WPN	Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
NetWay4E1X	Indoor 4-port PoE+ Hardened Switch in NEMA 1 Rated indoor enclosure
NetWay4E1PL	4-port PoE+ Hardened Switch with Integral Power on a Backplane

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NetWay4E1B

4-port PoE+ Hardened Switch Board

Specifications

Input

Voltage	48V-56V (UL Listed ITE power supply)

Power Output

Maximum Power	Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant 120W total power Integral surge protection
Fiber Port:	One (1) Gigabit SFP port
Ethernet Ports:	Four (4) 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

Agency Listings

CE	European Conformity

Physical and Environmental

Dimensions (L x W x H)
Board: 6.25" x 4.5" x 0.625" (158.8mm x 114.3mm x 15.9mm)
Shipping: 13" x 10" x 6" (330.2mm x 254mm x 152.4mm)

Weight (approx.)

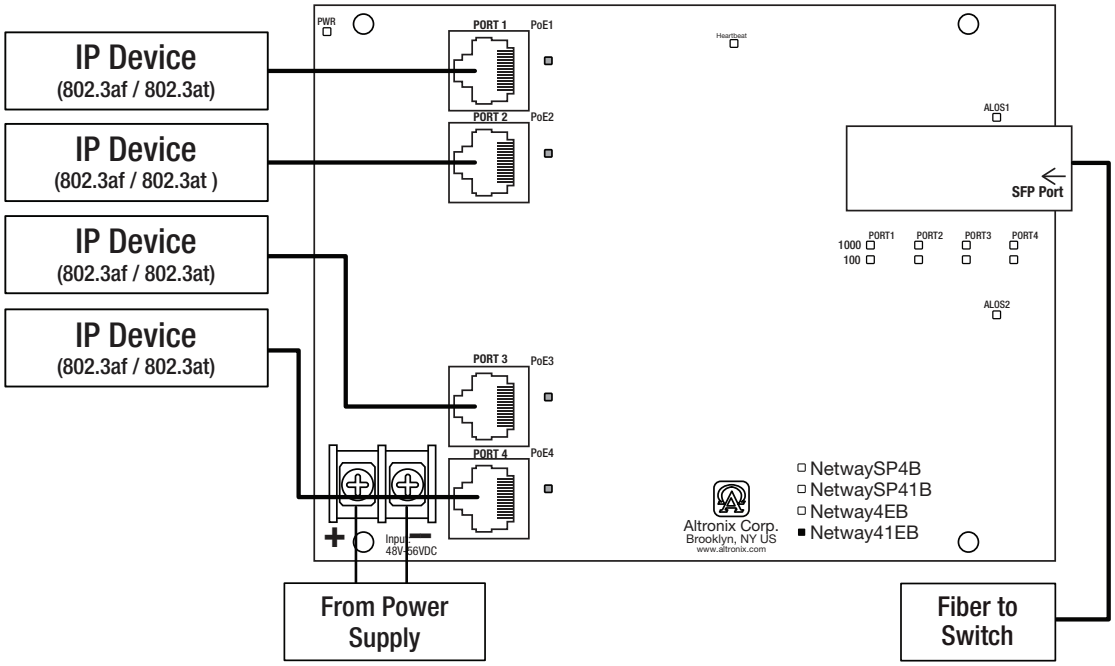
Product:	0.7 lb. (0.32 kg)
Shipping:	0.8 lb. (0.36 kg)

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
Mounting hardware is included

Typical Application



NetWay4E1B

4-port PoE+ Hardened Switch Board

Power Sourcing Equipment and Accessories (order separately)



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

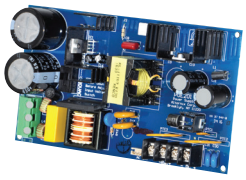
P1MM	Multi-Mode SFP Module for distances up to 550m
P1SM10	Single-Mode SFP Module for distances up to 10km
P1AB2K	Single Strand SFP Module for distances up to 2km
P1GCE	Copper SFP Module for distances up to 100m



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.

Lifetime Warranty
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NetWay4E1B

4-port PoE+ Hardened Switch Board

Dimensions and Drawing

Board Dimensions (L x W x H approximate)

6.25” x 4.5” x 0.625” (158.8mm x 114.3mm x 15.9mm)

Mounting Holes’ Tolerance: +/– 0.04 in. (1mm)

