Altronix®

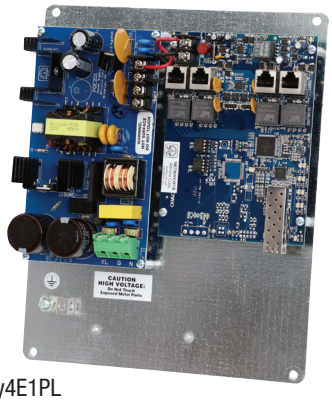
Rev. 12222025

NetWay4E1PL

4-port Hardened PoE Switch with Integral Power on a Backplane

Altronix NetWay4E1PL 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 NetWay4EPL.



NetWay4E1PL

Key Features

- Four (4) 10/100/1000 Mbps PoE/PoE+ (up to 30W) ports
- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- One (1) Gigabit (Fiber) SFP port
- 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
- 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
NetWay4E1B	4-port PoE+ Hardened Switch (board only)

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).

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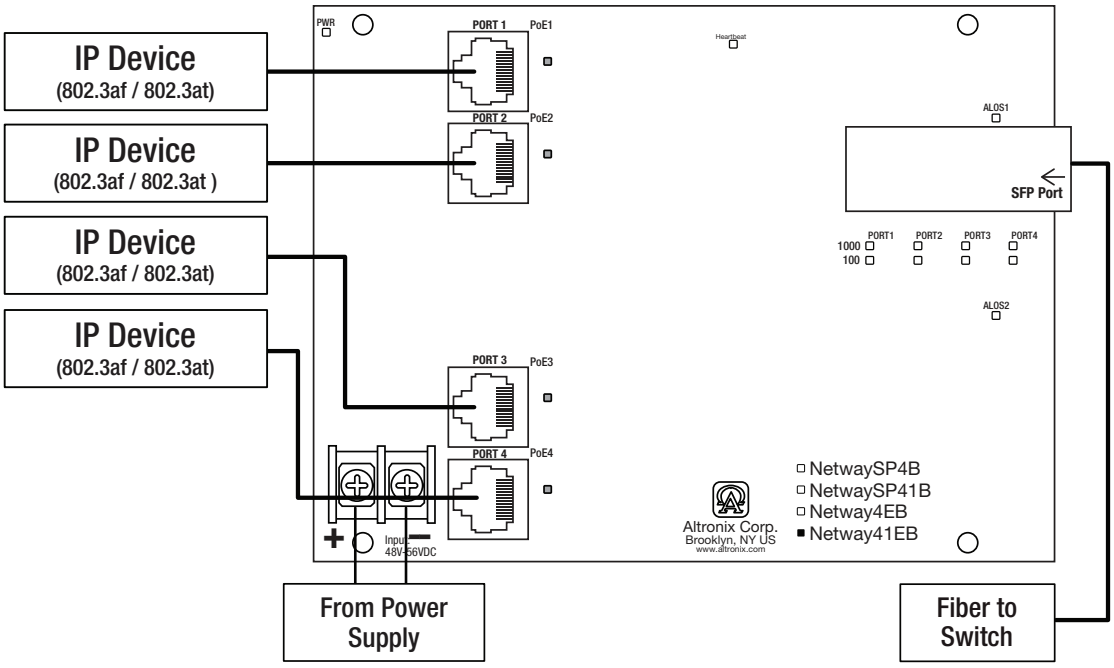
NetWay4E1PL

4-port Hardened PoE Switch with Integral Power on a Backplane

Typical Application



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NetWay4E1PL

4-port Hardened PoE Switch with Integral Power on a Backplane

NetWay SPECTRUM

Specifications

4-port PoE+ Hardened Switch (NetWay4E1B):

Input

Voltage	56VDC from POE201

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

Power Supply/Charger (POE201):

Input

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

Output

Voltage	56VDC/120W
Current	2.2A continuous supply current
Maximum Power	120W total power 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

NetWay4E1PL:

Agency Listings:

CE	European Conformity

Physical and Environmental

16 gauge stainless steel backplane with mounting holes.

Dimensions (H x W x D)

Backplane:	10.75" x 8.875" x 2.375" (273.1mm x 225.4mm x 60.3mm)
Shipping:	12" x 10" x 8" (304.8mm x 254mm x 203.2mm)

Weight (approx.)

Product:	2.6 lb. (1.18 kg)
Shipping:	4.0 lb. (1.81 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

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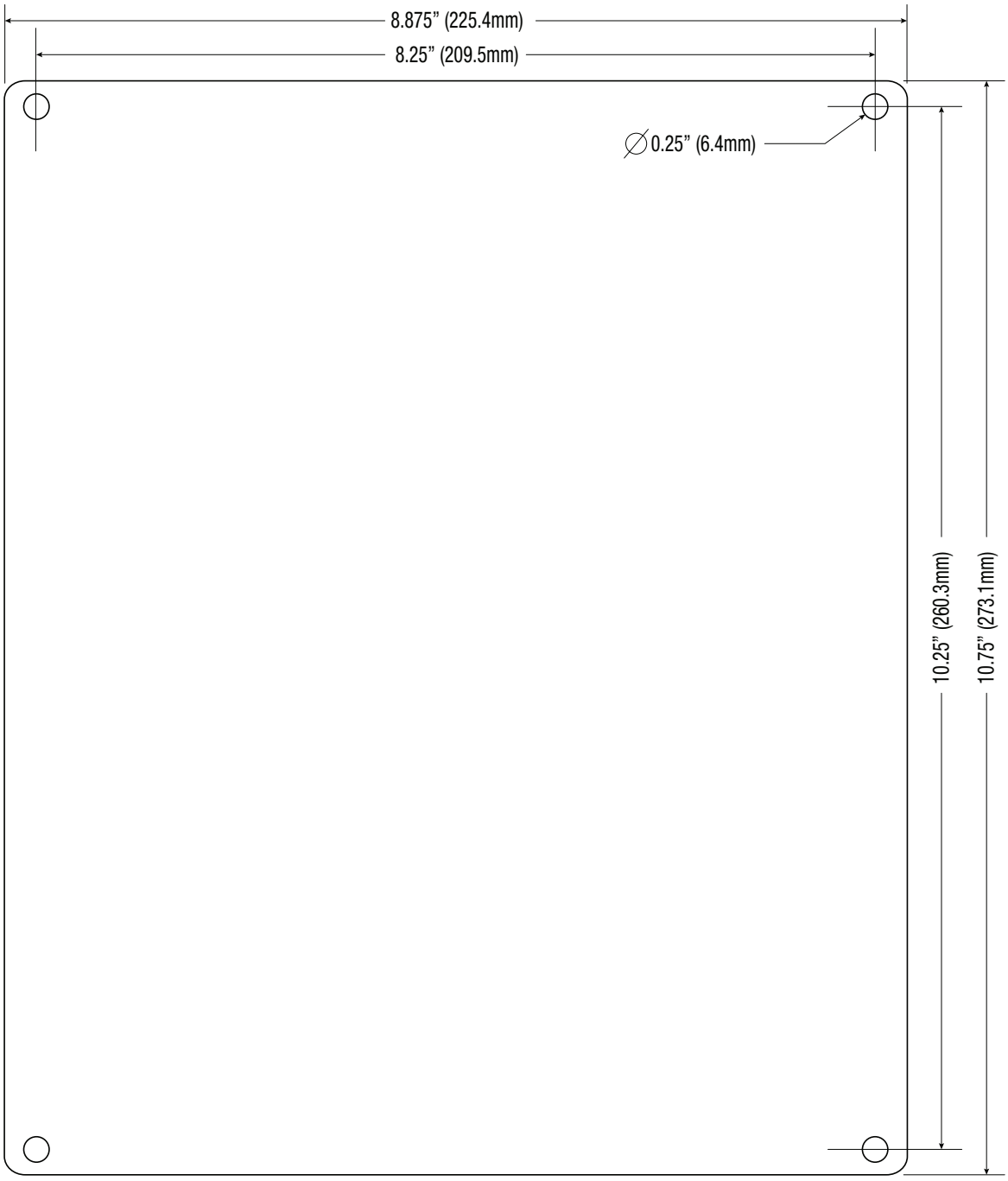
NetWay4E1PL

4-port Hardened PoE Switch with Integral Power on a Backplane

Dimensions and Drawing

Dimensions (H x W x D approximate)

10.75” x 8.875” x 2.375” (273.1mm x 225.4mm x 60.3mm)



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