Altronix®

Rev. 08022023

NetWaySP41X

4-port Hardened PoE Switch with Integral Power

Altronix NetWaySP41X PoE+ Hardened Switch provides two (2) 1Gb SFP (Fiber) ports and four (4) PoE+ (30W) ports, passing data for PoE/PoE+ compliant devices. Cameras/edge devices may be located up to 100m from the unit.

NetWaySP41X

Key Features

- Two (2) Gigabit SFP ports
- 120W total power:
  - Four (4) PoE/PoE+ (up to 30W) ports
- Four (4) 10/100/1000 Mbps ports
- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant
- PoE activity LED indicators
- Automatic switch over to stand-by battery when AC fails
- CE European Conformity
- Lifetime Warranty

Similar products

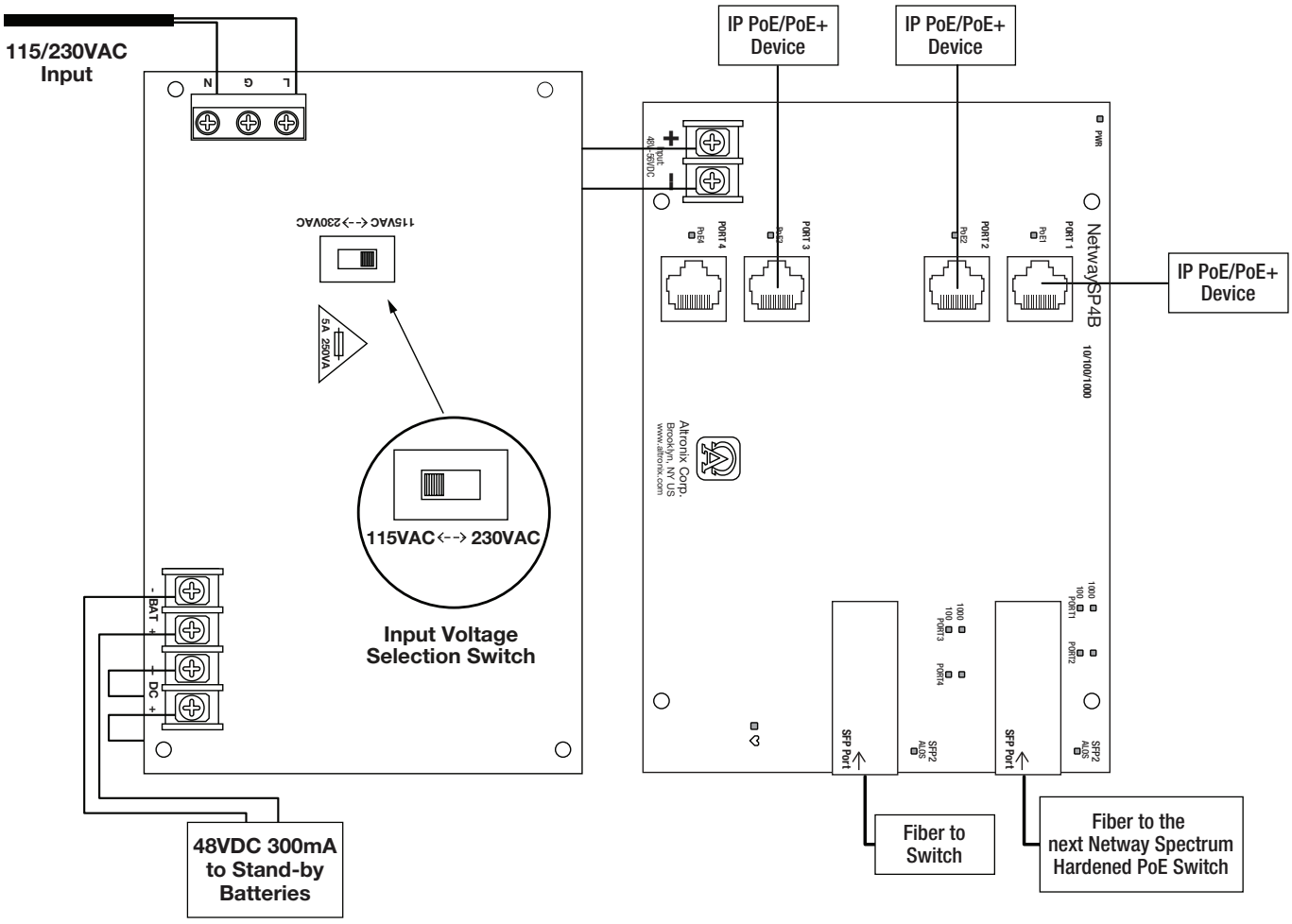
NetWaySP41WPX	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries
NetWaySP41WP	Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure
NetWaySP41WPN	Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure
NetWaySP41PL	4-port PoE+ Hardened Switch with Integral Power on a Backplane
NetWaySP41B	4-port PoE+ Hardened Switch (board only)

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

NetWaySP41X

4-port Hardened PoE Switch with Integral Power

Typical Application



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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NetWaySP41X

4-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	Four (4) PoE+ (30W) ports IEEE 802.3at (30W) and IEEE 802.3af (15W) compliant 120W total power Integral surge protection
Fiber Ports:	Two (2) Gigabit SFP ports
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

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately
Separate ventilated enclosure is required

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 (H x W x D)

Enclosure:	13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)
Shipping:	15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)

Weight (approx.)

Product:	6.65 lb. (3.02 kg)
Shipping:	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

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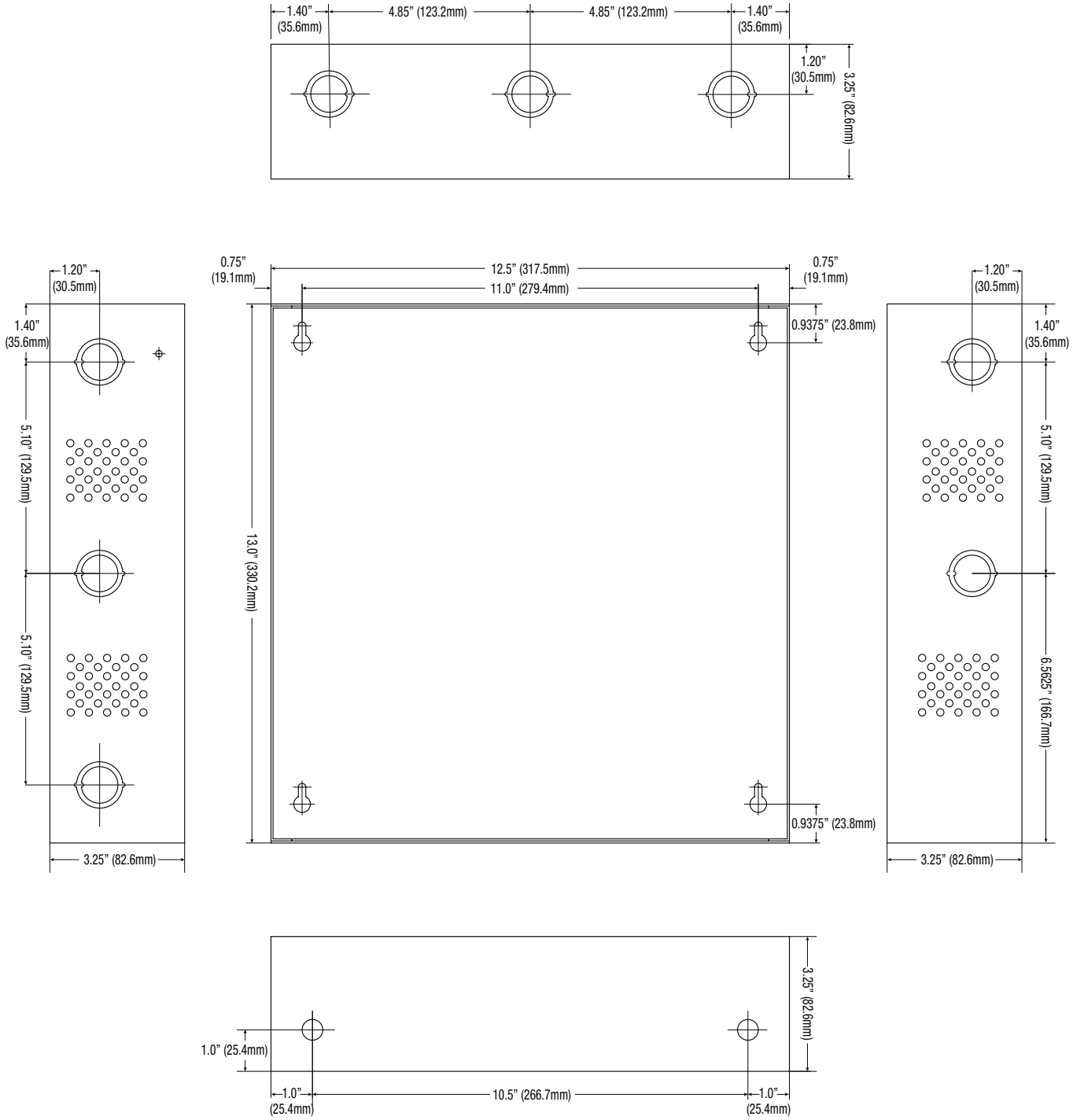
NetWaySP41X

4-port Hardened PoE Switch with Integral Power

Dimensions and Drawing

Dimensions (H x W x D approximate)

13.5” x 13” x 3.25” (342.9mm x 330.2mm x 82.55mm)