Altronix®

NetWaySP4P Series

4-port Media Converters with Integral Power Supply/Chargers
For Composite Fiber (Powered) Cable Application

NetWay SPECTRUM

Altronix NetWaySP4P Series provide four (4) 1Gb SFP ports and four (4) power outputs (240W total power) to be transmitted over single, mulit-mode fiber as well as composite cable (fiber + copper combined) to NetWay Spectrum PoE hardened switches.
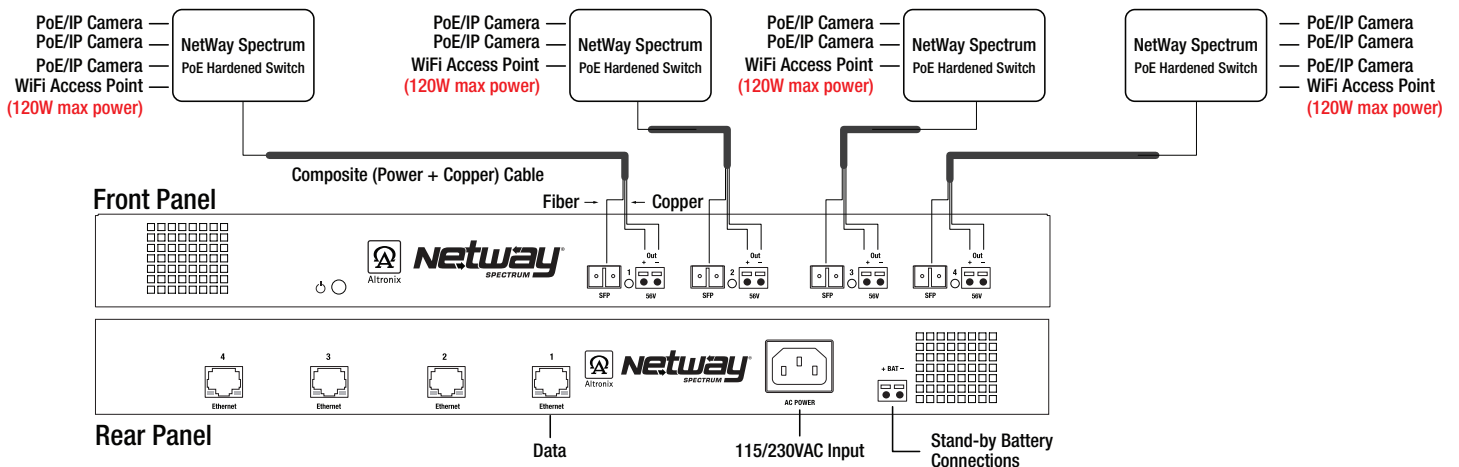
(front)

(rear)

Key Features

- IEEE 802.3af, 802.3at and 802.3bt compliant
- Four (4) 1Gb SFP ports
- 240W total power *(see reference chart below for output power)*
- PoE activity and power LED indicators
- Built-in charger for sealed lead acid or gel type batteries

- Automatic switchover to stand-by battery when AC fails
- 1U rack mount chassis
- UL Listed in the U.S. and Canada
- CE European Conformity

NetWaySP4P Series Reference Chart

Altronix Model Number	Maximum Output per Port	Power-Limited Outputs	Number of SFP Ports	115VAC 60Hz Input Current	230VAC 50/60Hz Input Current
NetWaySP4P	120W	–	4	3.25A	2A
NetWaySP4P2	60W	4			

Typical Application

PoE/IP Camera —
PoE/IP Camera —
PoE/IP Camera —
WiFi Access Point —
(120W max power)
— NetWay Spectrum PoE Hardened Switch

PoE/IP Camera —
PoE/IP Camera —
WiFi Access Point —
(120W max power)
— NetWay Spectrum PoE Hardened Switch

PoE/IP Camera —
PoE/IP Camera —
WiFi Access Point —
(120W max power)
— NetWay Spectrum PoE Hardened Switch

NetWay Spectrum PoE Hardened Switch
— PoE/IP Camera
— PoE/IP Camera
— PoE/IP Camera
— WiFi Access Point
(120W max power)

Composite (Power + Copper) Cable

Front Panel

Fiber → ← Copper

NetWay SPECTRUM Altronix

Out 1 SFP 56V   Out 2 SFP 56V   Out 3 SFP 56V   Out 4 SFP 56V

Rear Panel

4 Ethernet   3 Ethernet   2 Ethernet   1 Ethernet   **NetWay** SPECTRUM Altronix   AC POWER   + BAT −

Data   115/230VAC Input   Stand-by Battery Connections

Altronix®

NetWaySP4P Series

4-port Media Converters with Integral Power Supply/Chargers
For Composite Fiber (Powered) Cable Application

Netway SPECTRUM

Specifications

Input
Voltage — 115VAC, 60Hz, 3.25A or 230VAC, 50/60Hz, 2A

Output
Four (4) power outputs with 240W total power
NetWaySP4P: 120W max per output
NetWaySP4P2: 60W max per output (Class 2)
IEEE 802.3af, 802.3at and 802.3bt compliant
Integral surge protection

SFP Ports:
Four (4) 1Gb SFP ports

Ethernet:
Four (4) Gigabit (1000Mbps) ports
Wire type: 4-pair CAT5e and higher
Connectivity: RJ45, auto-crossover
Speed: Gigabit (1000Mbps)
Distance: up to 100m

Indicators (LED)
Individual **Power** LEDs for each port
Individual **IP Link status**,
10/100 Base-T/active LEDs for each Ethernet port

Battery Charging
Type — Sealed lead acid or gel type
Failover — Upon AC loss, instantaneous
Batteries are sold separately

Agency Listings
UL/cUL — UL60950-1
(Information Technology Equipment)

CE — European Conformity

Physical and Environmental
Dimensions (W x L x H)
  Enclosure: 1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm)
  Shipping: 20.25" x 12.5" x 5.5" (514.4mm x 317.5mm x 139.7mm)
Weight (approx.)
  Product: 3.81 lb. (1.72 kg)
  Shipping: 6.0 lb. (2.72 kg)
Temperature
  Operating (120W): – 40ºC to 50ºC (– 40ºF to 122ºF)
  Storage: – 40ºC to 85ºC (– 40ºF to 185ºF)
Relative Humidity — 85% +/– 5%
Operating Altitude — – 304.8 to 2,000m
BTU/Hr (approx.): — 123 BTU/Hr.

Compatible NetWay Spectrum Switches

NetWay4EWPN

NetWaySP1BTWPN	3-PoE (802.3bt) ports, single SFP port
NetWaySP3WPN	3-PoE ports, single SFP port
NetWay4EWPN	4-PoE ports, single SFP port
NetWay4E1WPN	4-PoE ports, single SFP port
NetWaySP4WPN	4-PoE ports, 2-SFP ports
NetWaySP4BTWPN	4-PoE (802.3bt) ports, 2-SFP ports
NetWaySP8WPN	8-PoE ports, 2-SFP ports

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

RE2 - Rack Mount Battery Enclosure
Accommodates up to four (4) 12VDC/7AH batteries

RE2

NetWaySP4P Series
4-port Media Converters with Integral Power Supply/Chargers
For Composite Fiber (Powered) Cable Application

NETWAY SPECTRUM

Dimensions and Drawing

Dimensions (W x L x H approximate)
1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm)

0.75" (19.1mm)

19.125" (485.8mm)

17.625" (447.7mm)

8.5" (215.9mm)

1.625" (41.3mm)