

NetWay1

Single Port PoE Injector for Standard Network Infrastructure



Altronix NetWay1 single port midspan PoE-compliant power injector provides power and passes data (e.g. video) for PoE-compliant devices. Devices may be located up to 100m from NetWay1. A NetWayXT repeater module can be utilized to extend the distance for an additional 100m for a total range of up to 200m. A maximum range of 600m is possible using multiple repeaters, based on device port requirement. NetWay1 is capable of supporting non-PoE compliant fixed IP cameras by utilizing NetWay1512 adapter.



NetWay1

Key Features

- IEEE 802.3af (15W) compliant
- Data rate: 10/100 Base-T compliant
- Port provides up to 15.4W max.
- Port status LED
- Auto detection and protection of legacy non-PoE cameras/devices
- PoE manual shutdown (UL60950-1 applications only)
- Extends Network link distance in an industrial environment
- Lightweight molded compact insulated housing
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

Typical Application



24VAC/
24VDC
Input

Structured
Cable from
Network
Switch

Structured
Cable to
IP Camera

12VAC to 24VAC or
5VDC to 24VDC input
for PoE Shutdown

Lifetime Warranty

NetWay1

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Specifications

Input

24VAC, 1.2A or 24VDC, 1.2A

Output

48VDC, up to 15.4W max.
IEEE 802.3af compliant
Short circuit protection

Ethernet

Connectivity: RJ45, auto-crossover
Wire type: 4-pair CAT5e
Distance: up to 100m
Speed: 10/100BaseT, half/full duplex, auto negotiation

Indicators (LED)

Red LED: Port status
Yellow and Green LED (by RJ45 jack):
IP Link status, 10/100Base-T/active

Agency Listings

UL/cUL	
UL60950-1	Information Technology Equipment
UL294	Access Control Systems
UL294B	Power over Ethernet (PoE) for Access Control
CSA Standard C22.2 No.205-M1983,	Signal Equipment
CE	European Conformity

Physical and Environmental

Dimensions (W x L x H)

Enclosure: 2.5" x 3.8" x 1" (63.5mm x 96.5mm x 25.4mm)
Shipping: 8" x 6" x 5" (203.2mm x 152.4mm x 127mm)

Weight (approx.)

Product: 0.2 lb. (0.1 kg)
Shipping: 0.25 lb. (0.11 kg)

Temperature

Operating:
UL60950-1: 0°C to 40°C (32°F to 104°F)
UL294: 0°C to 49°C (32°F to 120.2°F)
Storage: -20°C to 70°C (-4°F to 158°F)

Relative Humidity

85% +/- 5%

Operating Altitude

- 304.8 to 3,048m

Accessories (order separately)



NetWay1512

NetWay1512 - 13W Adapter for Non-PoE Compliant Cameras

Compatible with PoE midspans and switches that pass power via the spare pairs of the network cable (Mode "B")
UL/cUL Listed (UL60950-1). CE European Conformity.



NetWayXT

NetWayXT - PoE Repeater Module

Extends data (video) for 100m
UL/cUL Listed (UL60950-1). CE European Conformity.



DCL2

DCL2 - DIN Rail Mounting Clip

Allows for easy installation of Altronix adapters utilizing screw mounting holes to mount on a standard DIN rail (Altronix Din Rail models D10, D12, D19, or D24).

Lifetime Warranty