Altronix®

Rev. 07102025

NetWay1P

Kit Includes

NetWay1: Single Port PoE Injector for Standard Network Infrastructure

TP2440: Compatible Plug-In Transformer

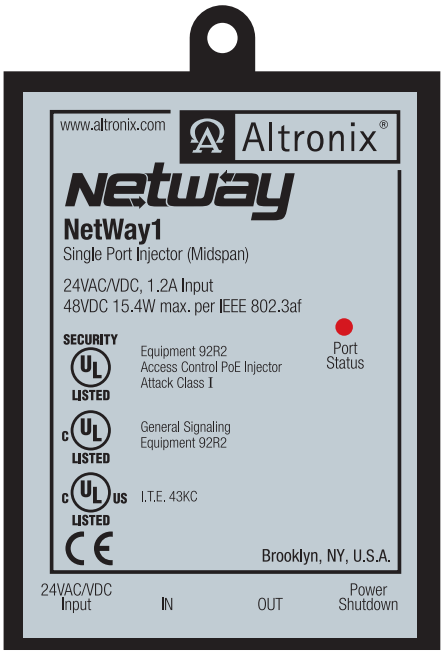
NetWay1P

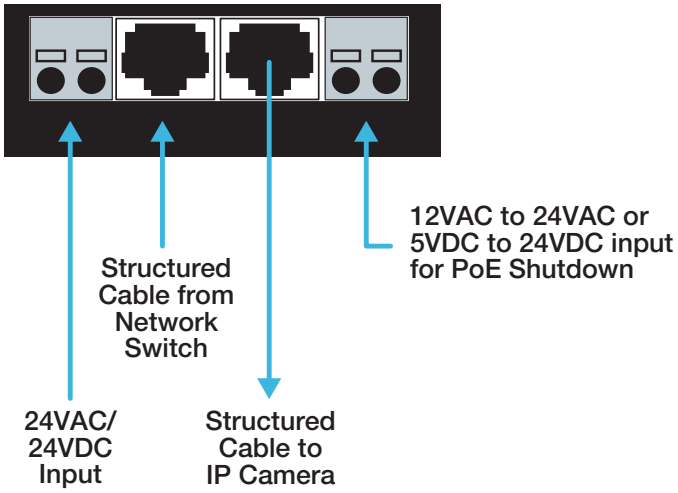
Altronix NetWay1 single port midspan PoE-compliant power injector provides power and passes data (e.g. video) for PoE-compliant devices. Devices may be located up to 100m from NetWay1. A NetWayXT repeater module can be utilized to extend the distance for an additional 100m for a total range of up to 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.
Altronix TP2440 UL Listed plug-in transformer provides 24VAC with 1.67A output current.

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





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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: 2.79 lb. (1.27 kg)
- Shipping: 3.15 lb. (1.43 kg)

Temperature
- Operating:
  - UL60950-1: 0ºC to 40ºC (32ºF to 104ºF)
  - UL294: 0ºC to 49ºC (32ºF to 120.2ºF)
- Storage: – 20ºC to 70ºC (– 4ºF to 158ºF)

Relative Humidity 85% +/– 5%

Operating Altitude – 304.8 to 3,048m

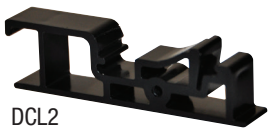
Accessories (order separately)

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 mouting holes to mount on a standard DIN rail (Altronix Din Rail models D10, D12, D19, or D24).

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