NetWay1XP

Kit Includes

NetWay1X: Single Port PoE/PoE+ Injector for Standard Network Infrastructure
TP2450: Compatible Plug-In Transformer

Altronix NetWay1X single port midspan PoE/PoE+ compliant power injector provides power and passes data (e.g. video) for PoE/PoE+ compliant devices. Devices may be located up to 100m from NetWay1X. A NetWayXTX repeater module can be utilized to extend the distance 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. NetWay1X is capable of supporting non-PoE compliant fixed IP cameras by utilizing NetWay1512 adapter. Altronix TP2450 plug-in transformer is included.
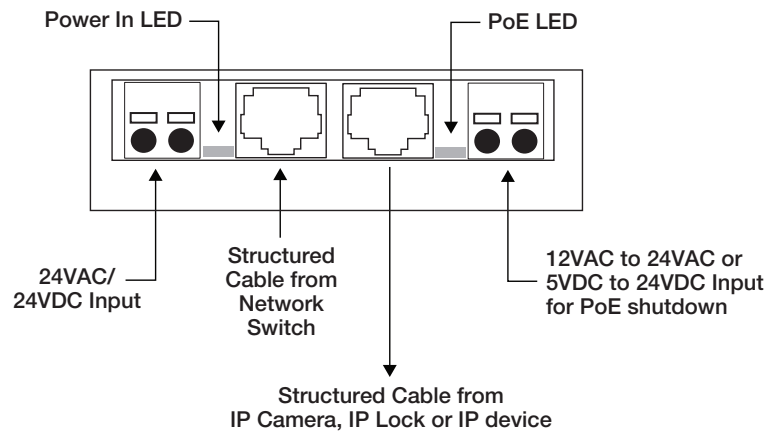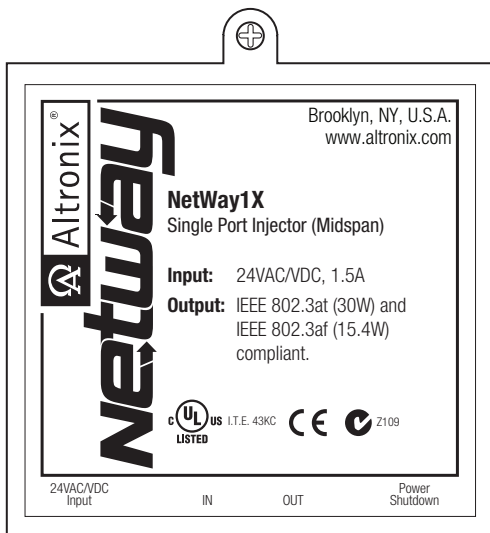
NetWay1XP

Key Features

- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant

- Data rate: 10/100 Base-T compliant

- Port provides up to 30W 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, 1.5A from included TP2450 plug-in transformer.

Output
48VDC, up to 30W max
IEEE 802.3af and IEEE 802.3at 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)
Green LED: PoE ON.
Green LED: Power ON
Yellow and Green LED (by RJ45 jack):
        IP Link status, 10/100Base-T/active.

Agency Listings
UL/cUL   UL60950-1
                  (Information Technology Equipment)
                  CSA Standard C22.2 No.205-M1983,
                  Signal Equipment
CE   European Conformity.

Physical and Environmental
Dimensions (W x L x H)
 3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm).
Weight (approx.)
 Product Weight: 1.54 lbs. (0.7 kg).
 Shipping Weight: 1.8 lbs. (0.82 kg).
Temperature
 Operating:
  48VDC, 30W: 0ºC to 45ºC (32ºF to 113ºF).
  24VAC, 30W: 0ºC to 37ºC (32ºF to 98.6ºF).
  Storage: -20ºC to 70ºC (-4º to 158ºF).
Relative Humidity   85% +/-5%.
Operating Altitude: -304.8 to 3,048m (-1000 to 10,000 ft.)

Accessories:

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.

NetWay3012

NetWay3012
25W adapter for non-PoE compliant cameras.
Compatible with PoE/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.

NetWayXTX

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