

NetWay1X

Single Port PoE/PoE+ Injector for Standard Network Infrastructure

Description

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.

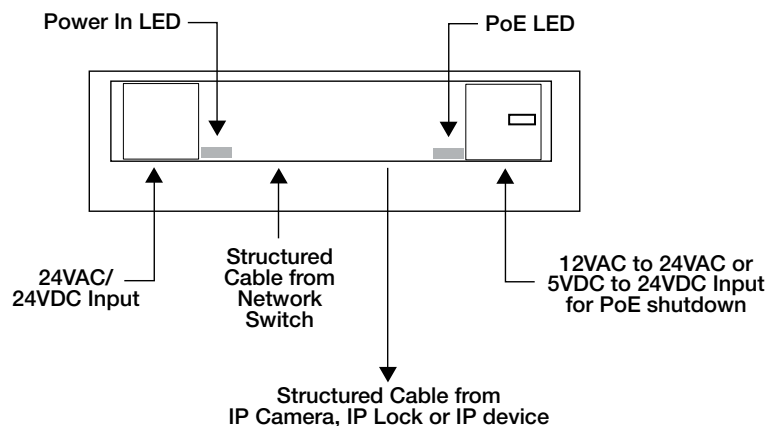
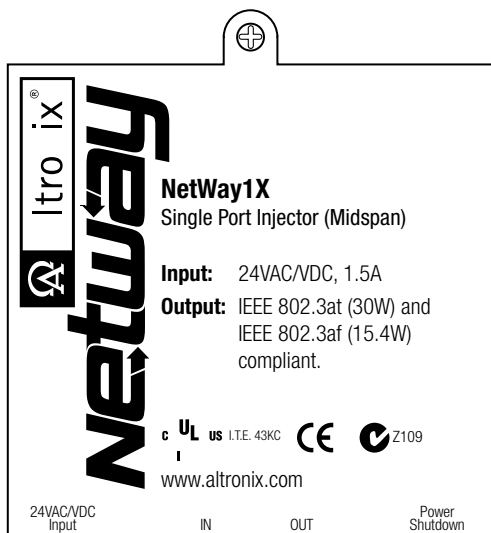


NetWay1X

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 Approved.
- Lifetime Warranty / Made in the U.S.A.

Typical Application



NetWay1X

Single Port PoE/PoE+ Injector

for Standard Network Infrastructure

Specifications

Input

24VAC, 1.5A or 24VDC, 1.5A.

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: 0.25 lbs. (0.11 kg).

Shipping Weight: 0.3 lbs. (0.14 kg).

Temperature

Operating:

48VDC, 30W: 0°C to 45°C (32°F to 113°F).

24VAC, 30W: 0°C to 37°C (32°F to 98.6°F).

Storage: -20°C to 70°C (-4° to 158°F).

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 Approved.



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 Approved.



NetWayXTX

NetWayXTX

PoE+ repeater module.

Extends data (video) for 100m.

UL/cUL Listed (UL60950-1). CE Approved.