

# NetWay1

## Single Port PoE Injector for Standard Network Infrastructure

### Description

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.

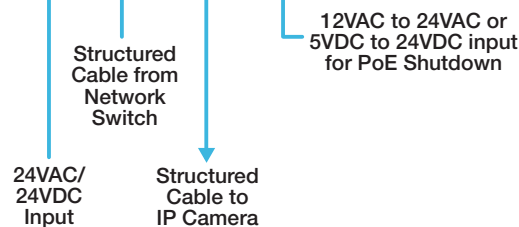


NetWay1

### 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 Approved.
- Lifetime Warranty

### Typical Application



# NetWay1

## Single Port PoE Injector

### for Standard Network Infrastructure

#### 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)

2.5" x 3.8" x 1" (63.5mm x 96.52mm x 25.4mm).

###### Weight (approx.)

Product Weight: 0.2 lbs. (0.1 kg).  
Shipping Weight: 0.25 lbs. (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° 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.



NetWayXT

#### NetWayXT

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