

# 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

#### Specifications

##### Input

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

##### Output

Unit provides PoE / PoE+, 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)

Port Status  
PoE ON.  
Power ON.

##### Features

Auto detection and protection of legacy non-PoE cameras/devices.  
PoE manual shutdown (UL60950-1 applications only).  
Lightweight molded compact insulated housing.  
Lifetime Warranty. Made in U.S.A.

##### 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" (88.9mm x 88.9mm 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 (-1,000 to 10,000 ft.).

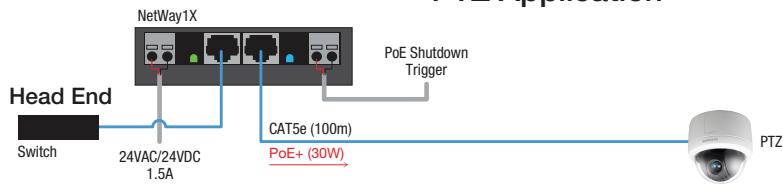
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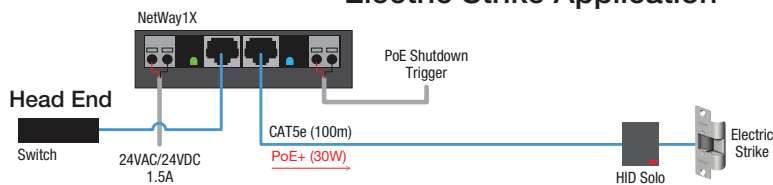
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#### Typical Applications:

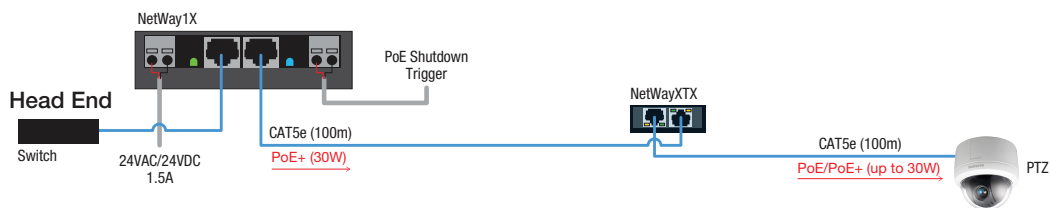
#### PTZ Application



#### Electric Strike Application



#### Single Port Injector with Repeater and PTZ Application



#### 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.