

NetWay1

Single Port PoE Injector for Standard Network Infrastructure



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 European Conformity
- Lifetime Warranty

Typical Application



24VAC/
24VDC
Input

Structured
Cable from
Network
Switch

Structured
Cable to
IP Camera

12VAC to 24VAC or
5VDC to 24VDC input
for PoE Shutdown

Lifetime Warranty

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 European Conformity.



NetWayXT

NetWayXT

PoE repeater module.

Extends data (video) for 100m.

UL/cUL Listed (UL60950-1). CE European Conformity.

Lifetime Warranty