Altronix®

NetWay81GL
8-Port Hi-PoE Midspan Injector

Netway®

Altronix NetWay81GL is an 8-port midspan in a 1U rack enclosure. It provides PoE/PoE+/Hi PoE (up to 60W power per port), and passes data at 10/100/1000 Mbps at distances up to 100m. Features also include an integral battery charger for applications requiring backup.
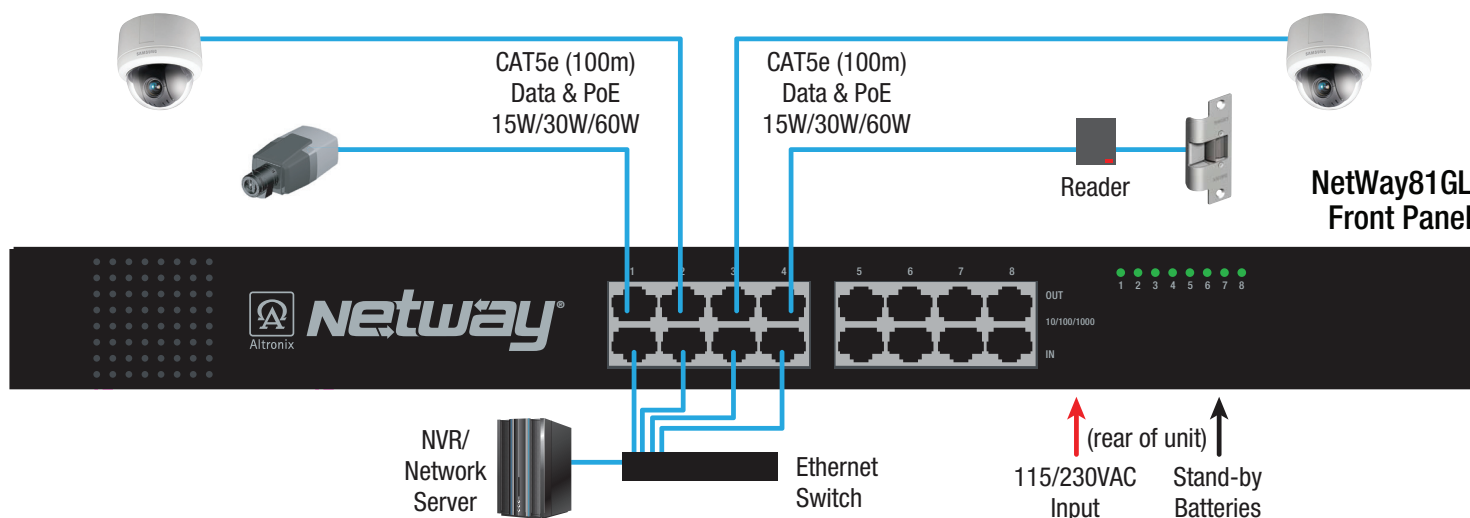
NetWay81GL

Key Features

- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- Eight (8) ports for cameras/edge devices over ethernet
- Speed: 10/100/1000 Mbps
- 60W maximum power per port (not to exceed 240W)
- Port status LEDs

- Auto detection and protection of legacy non-PoE cameras/devices
- Built-in battery charger
- Lifetime Warranty

Typical Application

CAT5e (100m)
Data & PoE
15W/30W/60W

CAT5e (100m)
Data & PoE
15W/30W/60W

Reader

NetWay81GL Front Panel

NVR/
Network
Server

Ethernet
Switch

(rear of unit)
115/230VAC Input

Stand-by Batteries

Specifications

Input

115VAC, 60Hz, 3.25A or 230VAC, 50/60Hz, 2.0A

Power

Unit provides PoE / PoE+ / Hi PoE

60W max per port, not to exceed 240W total power

Ethernet

Connectivity: RJ45, auto-crossover

Wire type: 4-pair CAT5e or better structured cable

Distance: up to 100m

Speed: 10/100/1000 BaseT, half/full duplex, auto negotiation

Battery Charging

Type   Sealed lead acid or gel type

Failover   Upon AC loss, instantaneous

Batteries are sold separately. Separate enclosure is required

Indicators (LED)

Yellow and Green LED (by RJ45 jack):

                IP Link status, 10/100/1000 Base-T/active

Green LED   Port status

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
  1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm)

Shipping:
  20.25" x 12.5" x 7.25" (514.4mm x 317.5mm x 184.2mm)

Weight (approx.)

Product Weight: 6.17 lb. (2.8 kg)

Shipping Weight: 7.5 lb. (3.4 kg)

Temperature

Operating: – 20ºC to 50ºC (– 4ºF to 122ºF)

Storage: – 20º to 70ºC (– 4ºF to 158ºF)

Relative Humidity   85% +/– 5%

Operating Altitude: Up to 2,000m

BTU/Hr. (approx.):   246 BTU/Hr

Accessories (order separately)

Repeaters:

NetWayXT

NetWayXT
PoE Repeater Module
Extends data (video) for 100m

NetWayXTX

NetWayXTX
PoE+ Repeater Module
Extends data (video) for 100m

These repeaters will work if the Midspan is set for 15W or 30W, but not 60W.

Battery Backup:

RE2

RE2 – Rack Mount Battery Enclosure
Accommodates up to four (4) 12VDC/7AH batteries

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Dimensions and Drawing

Enclosure Dimensions (H x W x D approximate)
1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm)

Rear

1.625"(41.3mm)

17.625" (447.7mm)

8.5" (216mm)

Top and Bottom

Front

19.125" (486mm)

0.75"
(19.1mm)