LifeSafety Power®

U.S. Patent 8,566,651
other patents pending

NETPOWER™
managed multiport poe+ midspan injectors

NPR Features

- **Operation**
  - 16 ports, all ports 32W IEEE 802.3at
  - 10/100/1000 BaseT Gigabit support
  - Extended temperature range operation up to 70° C
  - Programmable port priority (load shedding)
  - Port disable via external control input (access control panel, switch or other device)

- **Remote port management**
  - PoE shutdown per port or all ports simultaneously
  - Set optional upper and lower limits for the measured voltage and current of each port

- **Email notification of port condition**
  - If port draws over a preset current
  - If port loses output voltage

- **Quality and reliability**
  - Plug and play installation
  - Accepts AC or DC operating power
  - Port status LEDs for easy diagnostics
  - Overtemperature, overvoltage, overcurrent, and short circuit protection
  - Illuminated master power switch with circuit breaker
  - 1U rackmount or wallmount (with bracket included)

Overview

NPR remote managed midspan injectors provide power and pass data to PoE compliant devices, such as IP cameras, door locks, IR illuminators and other access control edge devices.

NPR500 features 16 ports at 32W/port, remote power management via LAN/WAN, remote PoE shutdown per port or all ports simultaneously, and 10/100/1000 BaseT Gigabit support.

All NPR models include a 48V battery charger for cost effective back-up power vs traditional backup methods. The **"MC"** model provides an enhanced charger with faster charge rates and remote monitoring and re-porting of battery condition.

The NPR series is housed in a 1U rack mountable metal enclosure and accepts 120 to 240V universal AC, or 48V DC input operating voltage.

Ordering

Model No	Description
NPR500-16M	500W 16 port managed midspan with standard charger
NPR500-16MC	500W 16 port managed midspan with enhanced charger

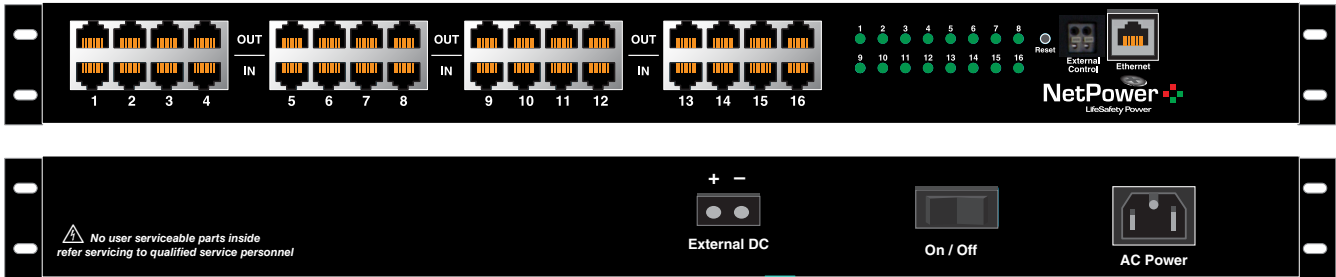| Similar Models	
NPR250-16M	250W 16 port managed midspan with standard charger
NPR250-16MC	250W 16 port managed midspan with enhanced charger

Specifications

Port Count	16
Power over Ethernet	Power Per Port: 32W, IEEE 802.3at 540W aggregate power
Pass through Data Rates	10/100/1000/Mbps
Input Power	**AC Input Requirement** Input voltage: 100-240Vac Input currrent: 9A max AC Frequency: 47 to 63 Hz **DC Input Requirement** Input voltage: 50 Vdc ±10% Input currrent: 14A max **Back-up Battery Requirement** Input voltage: 48Vdc Nominal
Management	PowerCom-PoE™ web browser-based
Port Status Indicators	Green (normal) Yellow (fault detected)
Mechanical	19.0in. x 10.8in. x 1.75in. 438 mm x 272 mm x 44 mm 1U rackmounted for use in standard EIA 19" Rack
Weight	14 lbs. (6.4 kg)

Environment Conditions	**Operating Ambient Temperature** -4° to 122°F (-20° to 50°C) **Extended Ambient Temperature at Derated Power** 124° to 158°F (51 to 70 ºC), Load Derated **Operating Humidity** 10% to 90%, Non-condensing **Storage Temperature** -4° to 158°F (-20 to 70 ºC) **Storage Humidity** 5% to 95%, Non-condensing **Operating Altitude** -1000 to 10,000 ft. (-304.8 to 3048 m)
BTU Rating	232 BTU/Hr
Regulatory Compliance	RoHS Compliant
Electromagnetic Emission & Immunity	FCC part 15, Class A EN 55022 Class A (Emissions) EN 55024 (Immunity)
Safety Approvals	UL 60950-1, CSA C22.2 No. 60950-1
Warranty	10 years

Specifications subject to change without notice.

FRONT / REAR PANEL

POWERCOM-POE WEB BROWSER SCREEN

POWERCOM-POE MANAGER

➢ *Network Managed Port Control*
 ◆ *Individual port shutdown*
 ◆ *Visual alert of port status*
 ◆ *Individual port voltage and current*
➢ *Configure Screen*
 ◆ *Network settings*
 ◆ *Admin password settings*
➢ *Tools Screen*
 ◆ *Upgrade software*
 ◆ *System reboot*

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