



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)

### Specifications

<b>Port Count</b>	16
<b>Power over Ethernet</b>	Power Per Port: 32W, IEEE 802.3at 540W aggregate power
<b>Pass through Data Rates</b>	10/100/1000/Mbps
<b>Input Power</b>	<b>AC Input Requirement</b> Input voltage: 100-240Vac Input current: 9A max AC Frequency: 47 to 63 Hz <b>DC Input Requirement</b> Input voltage: 50 Vdc ±10% Input current: 14A max <b>Back-up Battery Requirement</b> Input voltage: 48Vdc Nominal
<b>Management</b>	PowerCom-PoE™ web browser-based
<b>Port Status Indicators</b>	Green (normal) Yellow (fault detected)
<b>Mechanical</b>	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
<b>Weight</b>	14 lbs. (6.4 kg)

### 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 reporting 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

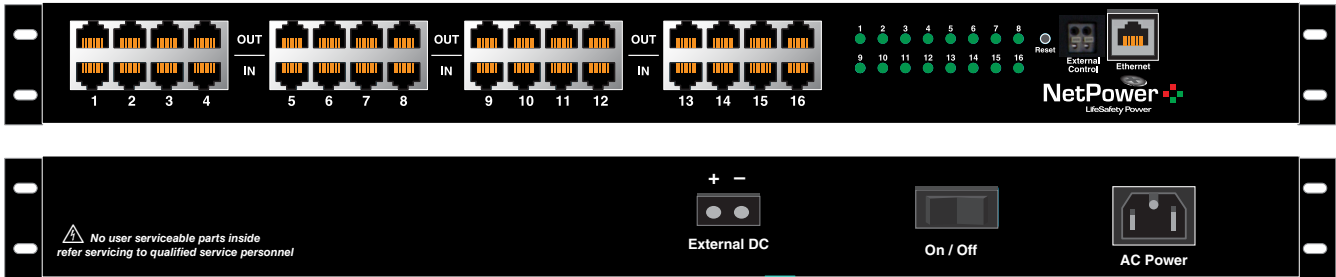
### Similar Models

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

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

Specifications subject to change without notice.

## FRONT / REAR PANEL



## POWERCOM-POE WEB BROWSER SCREEN

**LifeSafety Power PowerComPoE MULTI-PORT MIDSPAN MANAGER**

MODEL: NPR500-16MC Site ID: LSP6 Date: Tue Apr 03 2012 Time: 05:27:56 Auto-refresh: Enable

Port	Ext.Control	Device	Enable	Voltage	Current	Power	Status
<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	Main entrance camera	On	54.74V	610.2mA	33.41W	Normal
<input type="checkbox"/> 2	<input type="checkbox"/> 2		On	54.99V	7.7mA	0.42W	Normal
<input type="checkbox"/> 3	<input type="checkbox"/> 3		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 4	<input type="checkbox"/> 4		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 5	<input type="checkbox"/> 5		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 6	<input type="checkbox"/> 6		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 7	<input type="checkbox"/> 7	Zone 1 controller	On	54.97V	9.2mA	0.50W	Normal
<input type="checkbox"/> 8	<input type="checkbox"/> 8	Gate 1 camera	On	55.04V	188.7mA	10.39W	Normal
<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 9		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 10		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 11	<input checked="" type="checkbox"/> 11	Door 3 camera	On	0.00V	0.0mA	0.00W	Fault
<input type="checkbox"/> 12	<input type="checkbox"/> 12	Gate 2 camera_1	On	55.10V	189.2mA	10.43W	Normal
<input type="checkbox"/> 13	<input type="checkbox"/> 13	Gate 2 camera_2	On	54.68V	8.9mA	0.49W	Normal
<input type="checkbox"/> 14	<input type="checkbox"/> 14		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 15	<input type="checkbox"/> 15		Off	0.00V	0.0mA	0.00W	Disabled
<input type="checkbox"/> 16	<input checked="" type="checkbox"/> 16	Back lot camera	On	54.71V	10.5mA	0.57W	Normal

Enable selected ports Disable selected ports Enable all ports Disable all ports Save setting

## 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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