



### OVERVIEW

The high power NPR500 series of multi-port remote managed PoE midspan injectors provides power and passes data to PoE compliant devices, such as IP cameras, door locks, IR illuminators and other access control edge devices. Non-PoE IP devices can also be powered from the multi-port midspan by utilizing LifeSafety Power's NPE130 PoE to 12VDC power extractor.

With the PowerComPoE GUI interface, the NPR500 series allows users to monitor and control each individual port remotely via LAN/WAN using a web browser. The NPR500-16MC variant also charges a 48V lead acid battery pack for cost effective back-up power vs traditional back-up methods.

NPR500 series is housed in a 1U rack mountable metal enclosure and accepts 120 to 240V universal AC or 50V DC input operating voltage. Features include plug and play operation, remote PoE shutdown per port or all ports simultaneously, 10/100/1000BaseT Gigabit support and full 32W across all ports, IEEE 802.3at compliant.

### NETPOWER NPR500 FEATURES

- True remote managed system
- Full 32W across all ports, IEEE 802.3at
- 10/100/1000BaseT Gigabit support
- Extended temperature range operation up to 70°C (power derated)
- PowerComPoE GUI controlled via LAN/WAN
- GUI displays voltage, current, power, and port status as minimum features
- Remote PoE shutdown per port or all ports simultaneously
- Programmable front panel input for port shutdown
- Plug and Play installation, 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)
- Accepts AC or DC operating power
- Ideal for access points, PTZ cameras, video, phones, access control, IR illuminators, and other PoE edge devices
- Standby charger option connects 48V lead acid battery pack for back-up power

### ORDERING

Model No.	Description
NPR500-16M	Managed 16-port, 32W all ports
NPR500-16MC	Managed 16-port, 32W all ports, 48V charger

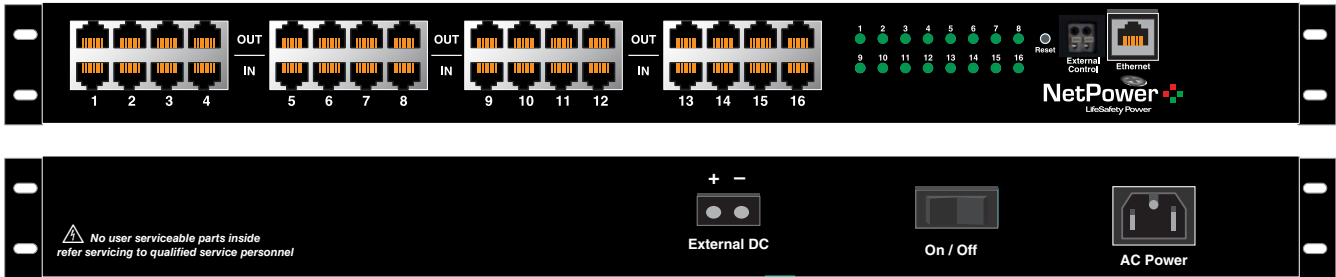
*NPR500 models deliver 32W per port up to a max output power of 540W*

### SPECIFICATIONS

<b>Port Count</b>	16
<b>Pass through Data Rates</b>	10/100/1000 Mbps
<b>Power over Ethernet</b>	Power Per Port: 32W Aggregate Power: 540 Watts
<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>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)
<b>Management Option</b>	PowerComPoE web browser-based
<b>Port Status Indicators</b>	Green (normal) Yellow (fault detected)
<b>BTU Rating</b>	232 BTU/Hr
<b>Environment Conditions</b>	Operating Ambient Temperature: -4° to 122°F (-20° to 50°C)  Extended Ambient Temperature at Derated Power: 124° to 158°F (51 to 70 °C), Load Derated  Operating Humidity: 10% to 90%, Non-condensing  Storage Temperature: -4° to 158°F (-20 to 70 °C)  Storage Humidity: 5% to 95%, Non-condensing  Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)
<b>Warranty</b>	10 Years
<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>	EN 60950

*Specifications subject to change without notice.*

**FRONT / REAR PANEL**



**POWERCOM-POE WEB BROWSER SCREEN**

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

**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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