



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
- 540W, 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

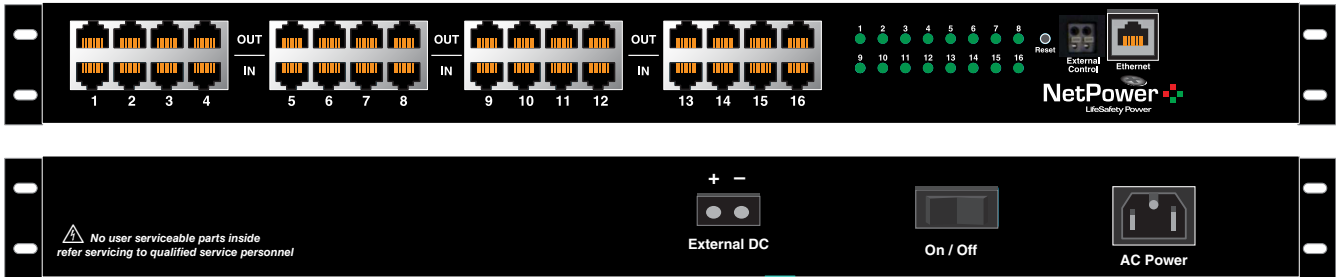
NPR500 models deliver 32W per port up to a max output power of 540W

SPECIFICATIONS

Port Count	16
Pass through Data Rates	10/100/1000 Mbps
Power over Ethernet	Power Per Port: 32W Aggregate Power: 540 Watts
Input Power	AC Input Requirement Input voltage: 100-240Vac Input current: 9A max AC Frequency: 47 to 63 Hz DC Input Requirement Input voltage: 50 Vdc ±10% Input current: 14A max Back-up Battery Requirement Input voltage: 48Vdc Nominal
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)
Management Option	PowerComPoE web browser-based
Port Status Indicators	Green (normal) Yellow (fault detected)
BTU Rating	232 BTU/Hr
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 °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)
Warranty	10 Years
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

Specifications subject to change without notice.

FRONT / REAR PANEL



POWERCOM-POE WEB BROWSER SCREEN

LifeSafety Power PowerComPoE MULTI-PORT MIDSPAN MANAGER							
HOME		Configure	Tools		Ver: 0.72		
MODEL: NPR500-16MC		Site ID: LSP6	Date: Tue Apr 03 2012		Time: 05:27:56		Auto-refresh: <input type="checkbox"/> 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

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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