



OVERVIEW

The high power NPR250 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 NPR250 series allows users to monitor and control each individual port remotely via LAN/WAN using a web browser. The NPR250-MC variant also charges a 48V lead acid battery pack for cost effective back-up power vs traditional back-up methods.

NPR250 series is housed in a 1U rack mountable metal enclosure and accepts 120 to 240V universal AC or 48V 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 each port outputs 32W max. (total power not exceeding 256W).

NETPOWER NPR250 FEATURES

- True remote managed system
- NP250-8 32W/port, IEEE 802.3at 3at (256 Watts max output)
- NP250-16 up to 32W/port, IEEE 802.3at 3at (256 Watts max output)
- 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
- Ports are programmable for priority (load shedding)
- 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

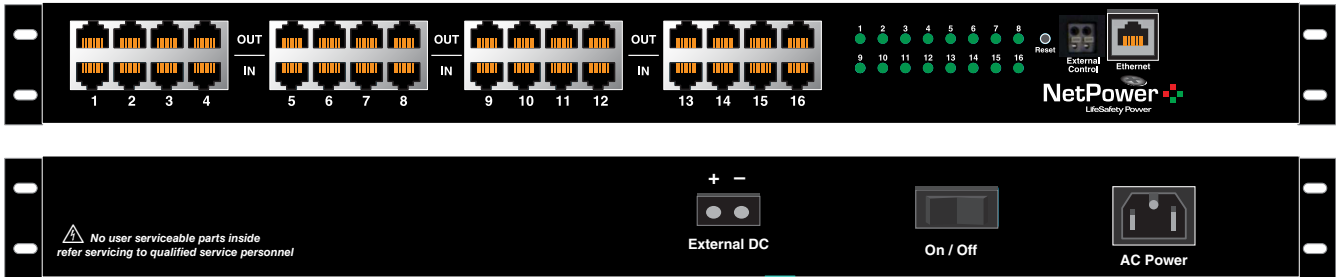
Model No.	Description
NPR250-8M	Managed 8-port, 32W all ports
NPR250-8MC	Managed 8-port, 32W all ports, 48V charger
NPR250-16M	Managed 16-port, 32W/port to 250W total or 16W all ports
NPR250-16MC	Managed 16-port, 32W/port to 250W total or 16W all ports 48V charger

SPECIFICATIONS

Port Count	8 or 16
Pass through Data Rates	10/100/1000 Mbps
Power over Ethernet	Power Per Port: 32W up to 256W aggregate power
Input Power	AC Input Requirement Input voltage: 100-240Vac Input current: 4.5A max AC Frequency: 47 to 63 Hz DC Input Requirement Input voltage: 50 Vdc ±10% Input current: 7A 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	12 lbs. (5.4 kg)
Management Option	PowerComPoE web browser-based
Port Status Indicators	Green (normal) Yellow (fault detected)
BTU Rating	116 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 MULTIPORT MIDSPAN MANAGER

HOME | Configure | Programming | Battery Status | Tools

MODEL: NPR500-16MC Site ID: NH_CampusA_Bldg7 Auto-refresh: Enable
 Date: Fri Jul 06 2012 Time: 10:07:33

Port	Ext. Control	Device	Enable	Voltage	Current	Power	Class	Status
<input type="checkbox"/> 1	<input type="checkbox"/> 1	camera5_bldg1	on	54.88V	540.5mA	29.67W	4	Normal
<input type="checkbox"/> 2	<input type="checkbox"/> 2		off	0.00V	0.0mA	0.00W	N/A	Disabled
<input type="checkbox"/> 3	<input type="checkbox"/> 3		off	0.00V	540.5mA	0.00W	N/A	Disabled
<input type="checkbox"/> 4	<input type="checkbox"/> 4		off	0.00V	543.1mA	0.00W		Disabled
<input type="checkbox"/> 5	<input type="checkbox"/> 5	lobby5_camera	on	54.76V	543.1mA	29.74W	4	Normal
<input type="checkbox"/> 6	<input type="checkbox"/> 6		off	0.00V	540.5mA	0.00W	N/A	Disabled
<input type="checkbox"/> 7	<input type="checkbox"/> 7		off	0.00V	540.5mA	0.00W	N/A	Disabled
<input type="checkbox"/> 8	<input type="checkbox"/> 8		off	0.00V	540.5mA	0.00W	N/A	Disabled
<input type="checkbox"/> 9	<input type="checkbox"/> 9	back gate_bldg3	on	54.83V	539.4mA	29.57W	4	Normal
<input type="checkbox"/> 10	<input type="checkbox"/> 10		off	0.00V	540.5mA	0.00W	N/A	Disabled
<input type="checkbox"/> 11	<input type="checkbox"/> 11	ptz7_bldg3	on	54.92V	537.7mA	29.53W		Normal
<input type="checkbox"/> 12	<input type="checkbox"/> 12		off	0.00V	540.5mA	0.00W	N/A	Disabled
<input type="checkbox"/> 13	<input type="checkbox"/> 13	camera1_bldg3	on	54.68V	544.6mA	29.78W	4	Normal
<input type="checkbox"/> 14	<input type="checkbox"/> 14	camera2_bldg2	on	54.88V	540.5mA	29.67W	4	Normal
<input type="checkbox"/> 15	<input type="checkbox"/> 15	camera3_bldg1	on	54.81V	285.5mA	15.65W	3	Normal
<input type="checkbox"/> 16	<input type="checkbox"/> 16		off	0.00V	540.5mA	0.00W	N/A	Disabled

Enable Selected Ports Disable Selected Ports Enable ALL Ports Disable ALL Ports Save Settings

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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