



Pre-assembled Power over Ethernet switch panel designed for commercial building networks. Features industrial-grade PoE+ switch with managed capabilities, integrated surge protection, and UPS backup power. Ideal for IP lighting, access control, IoT devices, and building automation networks.

KEY FEATURES

- ✓ Industrial-grade managed PoE+ switch
- ✓ IEEE 802.3af/at (PoE+) (30W per port)
- ✓ Integrated surge protection on all ports
- ✓ UPS battery backup (optional)
- ✓ VLAN and QoS support
- ✓ Web-based management interface
- ✓ DIN rail or rack mountable
- ✓ UL508A listed enclosure
- ✓ Pre-wired with labeled connections
- ✓ Remote monitoring capability

SPECIFICATIONS

PoE Ports	8 or 16 (model dependent)	Switching Capacity	56 Gbps
PoE Standard	IEEE 802.3af/at (PoE+)	Input Voltage	120VAC, 50/60Hz
Power per Port	30W maximum	Enclosure Rating	NEMA 1 (indoor)
Total PoE Budget	240W (8-port) / 480W (16-port)	Operating Temperature	0°C to 45°C (32°F to 113°F)
Uplink Ports	2x SFP Gigabit	Humidity	5% to 90% non-condensing

ELECTRICAL SPECIFICATIONS

Input Power	120VAC, 15A circuit
Power Consumption	300W (8-port) / 550W (16-port)
Surge Protection	Cat 5e/6 rated, all ports
UPS Backup	Optional 30-minute runtime
Ground	Equipment ground required
Wire Size	12-14 AWG (power)

DIMENSIONS

Width:	16 in (406mm)
Height:	20 in (508mm)
Depth:	6 in (152mm)
Weight:	25 lbs (11.3 kg)

MOUNTING

Surface mount to wall or rack mount using included brackets. Ensure adequate ventilation - do not block air vents. Connect to dedicated 15A circuit. Network cables should be Cat 5e or better for full PoE+ performance.

ORDERING INFORMATION

Part Number	Description
NX-P0E-8	8-Port PoE+ Switch Panel
NX-P0E-16	16-Port PoE+ Switch Panel
NX-P0E-8-UPS	8-Port PoE+ Panel with UPS backup
NX-P0E-16-UPS	16-Port PoE+ Panel with UPS backup

UL508A

cUL

FCC Part 15

CE

RoHS

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