



Pre-assembled, contractor-friendly Power over Ethernet switch panel for commercial buildings. Available with 4 or 8 PoE ports, 120W industrial power supply, and a choice of NEMA 1 (indoor) or NEMA 3R (outdoor) steel enclosure. Ideal for powering IP lighting touchscreens, access control, IP cameras, building automation sensors, and IoT gateways.

KEY FEATURES

- ✓ Plug & play, pre-assembled ethernet network solution
- ✓ 10/100M industrial PoE switch — up to 120W total device load
- ✓ 4 or 8 ports supporting IEEE 802.3af/at (up to 30W per port)
- ✓ 2 additional data-only RJ45 ports (non-PoE)
- ✓ Includes 120W industrial 48VDC power supply
- ✓ 3 terminal blocks for AC supply connection
- ✓ Steel NEMA 1 (indoor) or NEMA 3R (outdoor) enclosure
- ✓ Operating temp: -40°F to +131°F (-40°C to +55°C)
- ✓ All components UL listed
- ✓ Add-on options: fiber uplink, BACnet gateway, NTP server

SPECIFICATIONS

Switch Ports	4 or 8 × 10/100Base-TX PoE	Enclosure Dimensions	12 H × 12 W × 6 D in
Data-Only Ports	2 × RJ45 (non-PoE)	Enclosure Material	Galvanized steel, powder coated
PoE Standard	IEEE 802.3af/at	Enclosure Finish	ANSI 61 gray
Max PoE per Port	30W	Mounting	Surface mount, mounting flanges included
Total PoE Budget	120W	Operating Temp	-40°C to +55°C (-40°F to +131°F)
Power Supply Output	48VDC, 120W	Humidity	5–90% RH, non-condensing
Power Supply Input	120–240VAC, 50/60Hz	Compliance	FCC Part 15 Class B, RoHS
Enclosure Options	NEMA 1 (indoor) or NEMA 3R (outdoor)	Certifications	All components UL listed

ORDERING INFORMATION

Family		Ports		Enclosure		Voltage	
FAMILY		PORTS		ENCLOSURE		VOLTAGE	
ECO-POE	ECO PoE Switch Panel	04POE	4-Port PoE	NEMA1	Indoor, UL Type 1	120	120VAC input
		08POE	8-Port PoE	NEMA3R	Outdoor, UL Type 3R		

Example: ECO-POE-08POE-NEMA3R-120 — 8-port PoE, outdoor NEMA 3R, 120VAC