



PoE-3-120

- Unmanaged for Quick Setup and “Plug-and-Play” Deployment
- 3 Gigabit IEEE 802.3af/at Ports
- 1 Gigabit LAN Port
- Fanless Industrial Design
- 100-240VAC Input with 6kV Surge Protection
- IP67 Waterproof, Dust-Proof Metal Case for Superior Durability
- -40°C to 65°C Operating Range
- Ideal for Security, Rail, Traffic, Mining, Industrial IoT, and more



The PoE-3-120, manufactured by Solis Energy, is an unmanaged, hardened, industrial-grade switch designed to reliably connect PoE devices in harsh environments. The PoE-3-120 features three 802.3af/at Gigabit PoE ports and one Gigabit LAN uplink which allow it to handle cutting-edge high-power and high-bandwidth devices.

The PoE-3-120 was designed with durability in mind. An IP67 rated metal case, fanless design, 6kV surge-protected power input, and a -40°C to 65°C operating temperature range mean that the PoE-3-120 is extremely resistant to hardware failure and well-suited to even the most demanding operating conditions.

The PoE-3-120's integrated wall mounts, small form factor, and unmanaged plug-and-play interface mean that the PoE-3-120 can be quickly and easily added to any network.



PoE-3-120

Technology

Ethernet Standards	IEEE 802.3af	PoE
	IEEE 802.3at	PoE+
	IEEE 802.3	10BaseT
	IEEE 802.3u	100BaseT (X)
	IEEE 802.3ab	1000BaseT (X)
	IEEE 802.3z	1000BaseX
EMI Standards	FCC Part 15, CISPR (EN55022) Class B	

Port Specifications

Number of Ethernet Ports	4
Ethernet Connector Type	RJ45
Ethernet Standard	10/100/1000BASE-TX Auto Negotiation Speed
	Full/Half Duplex Mode
	Auto MDI/MDI-X Connection

PoE Specifications

PoE Modes	IEEE 802.3af Power over Ethernet (PoE)
	IEEE 802.3at High Power over Ethernet (PoE+)
Number of PoE+ Ports	3
Maximum Power/PoE Port	15.4W (IEEE 802.3af)
	30W (IEEE 802.3at)
PoE Pinout	Pins 4, 5: V+; Pins 7, 8: V- (Mid-span)
PoE Format	Mode B

Power Specifications

Connection	1 3-contact screw-terminal connector
Input Voltage	100-240 VAC, 50-60Hz
No-Load Consumption	5W @ 120 VAC
Power Budget	95W @ 120 VAC
Surge Protection	6kV

Physical Specifications

Housing	Ruggedized metal housing
Ingress Protection	IP67
NEMA Rating	NEMA 250
Dimensions (W x H x D)	176 x 269 x 65 mm
	6.9 x 10.6 x 2.6 in
Weight	1.8kg
Installation	Wall mount
Operating Temperature	-40 to 65 °C (-40 to 167 °F)
Ambient Relative Humidity	5 to 90% (non-condensing)

