

6 Port Unmanaged Industrial Gigabit Ethernet Switch w/ 4 PoE+ Ports and Voltage Regulation - DIN Rail / Wall-Mountable

StarTech ID: IES61002POE



The IES61002POE 6-Port Industrial PoE+ switch lets you connect Gigabit Ethernet data and power to four PoE-enabled devices, with two additional GbE ports.

Fully compliant with IEEE 802.3at / 802.3af, the industrial Ethernet switch offers up to 30 Watts output per port, through the four PoE+ / PSE ports, while all six shielded RJ45 ports support auto-negotiation of speed and duplex for 10/100/1000Mbps Ethernet networks.

Providing seamless power failover in the event of power dips or failures, the switch features redundant 20-57V DC (nominal 24/48V DC) terminal block power inputs. When used with multiple power sources, the switch supports alarm relay contacts, which can be wired to your existing alarm circuit to give you instant notice when a power disruption occurs.

The switch also features an internal DC-DC converter with voltage regulation, which provides the PoE injector with high voltage output from a low voltage input (<24V DC), and ensures the supplied power to your connected devices remains stable during voltage spikes and dips.

To ensure dependable performance in harsh environments, this power over Ethernet switch features an extended operating temperature range (-40°C to 75°C), a rugged IP-30 rated case design and includes both DIN-Rail and wall-mount brackets for flexible installation options.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Power a security / network camera situated in a remote area where power connection is not possible
- Install PoE-powered Wireless Access Points (WAP) in industrial, manufacturing, warehousing or other

Features

- 4 PoE+/ PSE (Power + Data) Gigabit IEEE 802.3at / 802.3af compliant ports, plus 2 additional GbE ports
- Supports up to 55V, 30 Watts max output per PoE port
- Redundant power inputs via 24/48V DC terminal block with alarm relay
- Accepts wide-range 20-57V DC power input
- DC to DC 24V step-up converter
- Wide operating temperature range -40°C to 75°C (-40°F to 167°F)
- IP-30 rated metal enclosure
- DIN-Rail and Wall-Mountable

Technical Specifications

Warranty	2 Years
Ports	6
Regulatory Approvals	EMI: EN61000-6-4 – Emission for industrial environment EMS: EN61000-6-2 – Immunity for Industrial environment; EN61000-4-2 (ESD) Level 3, Criteria B; EN61000-4-3 (RS) Level 3, Criteria A; EN61000-4-4 (EFT) Level 3, Criteria A; EN61000-4-5 (Surge) Level 3, Criteria B; EN61000-4-6 (CS) Level 3, Criteria A; EN61000-4-8 (Magnetic Field) Level 3, Criteria A Safety: UL60950-1 Rail Traffic: EN50121-4 Shock IEC: 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Industry Standards	IEEE 802.3at, 802.3af, 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
Connector Type(s)	1 - Terminal Block (6 Wire) Female
Connector Type(s)	6 - RJ-45 Female
Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Maximum Cable Length	328 ft [100 m]
Compatible Networks	10/100/1000 Mbps
Auto MDIX Support	Yes
Full Duplex Support	Yes
Switching Architecture	Store-and-Forward
MTBF	296, 517 Hours
Color	Black
Enclosure Type	Steel
Product	4.2 in [106 mm]

Height	
Product Weight	29.3 oz [831 g]
LED Indicators	2 - Power
LED Indicators	6 - 100 / 1000 Mbps
LED Indicators	6 - Link / Act
LED Indicators	4 - PoE
LED Indicators	1 - Fault
Power Source	Terminal Block
Input Voltage	20 ~ 57 DC
Power Consumption	143 W Max (120 W for PoE)
Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5~95% RH (Non-Condensing)
Shipping (Package) Weight	2.4 lb [1.1 kg]
Included in Package	1 - 6 Port Gigabit Switch
Included in Package	1 - Terminal Block
Included in Package	1 - Wall Mount Bracket w/ Screws
Included in Package	1 - DIN Rail Bracket w/ Screws
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

