

8 Port Unmanaged Industrial Gigabit Power over Ethernet Switch - 802.3af/at PoE+ Switch - Wall Mountable

Product ID: IES81000POE



The IES81000POE 8-Port Gigabit Power over Ethernet Switch lets you connect Gigabit Ethernet and power to up to eight PoE-enabled devices, or a mixture of PoE and non-PoE components.

Giving you the freedom to place your equipment in locations where power outlets are not available, this PoE+ switch complies with IEEE 802.3af and 802.3at standards and supplies up to 30 W per port, with a total power budget of 120 W.

A true unmanaged switching solution, the 8 PSE (Power Sourcing Equipment) ports sense whether the connected devices are PoE-ready or require data connectivity only, and also auto-negotiate between 10/100/1000 Mbps network speed and duplex.

The Gigabit Ethernet switch features a sturdy, wall-mountable metal enclosure for durability, and front panel LEDs for quick indication of connection speed and status.

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

Certifications, Reports and Compatibility

Applications

- Power a security camera/network webcam situated in a remote area where power connection is not possible
- Perfect for powering a Wireless Access Point(WAP) in a business environment
- Great for IT administrators implementing PoE supported VoIP phones
- Power your intercom, paging or hallway speaker amplifier

- Enable remote installation of touchscreens or information kiosks

Features

- 8 PoE+ / PSE(Power + Data), 10/100/1000Mbps compliant ports
- Fully compliant with IEEE 802.3at / 802.3af
- Uses existing / standard Cat5 or better cabling
- Supports up to 52V, 30 Watts max output per port
- Supports Over Current and Circuit Shorting protection
- Wall-Mountable

Hardware

Warranty	2 Years
Ports	8
Industry Standards	IEEE 802.3at/af Power Over Ethernet, IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-TX, IEEE 802.3x Flow Control

Performance

Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Buffer Size	128 KB
Flow Control	Half-duplex back-pressure and IEEE802.3x full-duplex
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Switching Architecture	Store-and-Forward

Connector(s)

Connector Type(s)	RJ-45
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Software

OS Compatibility	OS Independent; No additional drivers or software required
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Special Notes / Requirements

Patents and Licenses	<p>The following patents are licensed for this product. This list might not be all inclusive.</p> <ul style="list-style-type: none"> • United States Patent No. 5,406,260 (expired) • United States Patent No. 6,650,622 • United States Patent No. 7,457,250 • United States Patent No. 8,155,012 • United States Patent No. 8,902,760 • United States Patent No. 8,942,107 • United States Patent No. 9,019,838 • United States Patent No. 9,049,019 • United States Patent Application No. 14/695,456 • United States Patent Application No. 14/726,940
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Indicators

LED Indicators	<p>Power</p> <p>Activity</p> <p>10/100 Mbps</p> <p>PoE</p> <p>1000 Mbps</p>
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	2 A
Output Voltage	52 DC
Output Current	2.31 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	120



Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 90C (-4F to 194F)
Humidity	10~90% RH (Non-Condensing)

Physical Characteristics

Color	Black
Material	Steel
Product Length	7.4 in [18.8 cm]
Product Width	4.7 in [11.9 cm]
Product Height	1.5 in [38 mm]
Weight of Product	26.5 oz [750 g]

Packaging Information

Package Length	14.6 in [37.1 cm]
Package Width	7.8 in [19.7 cm]
Package Height	2.7 in [69 mm]
Shipping (Package) Weight	3.9 lb [1.8 kg]

What's in the Box

Included in Package	Instruction Manual
	Set, Rubber Feet
	8 Port Gigabit PoE Switch
	Wallmount Brackets
	Universal Power Adapter (NA/JP, EU, UK, ANZ)

**Product appearance and specifications are subject to change without notice.*

