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

• Supports up to 52V, 30 Watts max output per port

• Supports Over Current and Circuit Shorting protection

• Wall-Mountable

• Uses existing / standard Cat5 or better cabling

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

Software

	OS Compatibility	OS Independent; No additional drivers or software required

Special Notes / Requirements

	Patents and Licenses	The following patents are licensed for this product. This list might not be all inclusive.
		• 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

Indicators

	LED Indicators	Power
		Activity
		10/100 Mbps
		1000 Mbps
		PoE

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	2 A
	Output Voltage	56 DC
	Output Current	2.15 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 [38.0 mm]
	Weight of Product	26.5 oz [750.0 g]

Packaging Information

	Package Length	14.6 in [37.1 cm]
	Package Width	7.8 in [19.7 cm]
	Package Height	2.7 in [69.0 mm]
	Shipping (Package) Weight	3.9 lb [1.8 kg]

What's in the Box

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

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