

## 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

<b>Hardware</b>	Warranty	2 Years
	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
	Ports	8
<b>Performance</b>	Auto MDIX	Yes
	Buffer Size	128 KB
	Compatible Networks	10/100/1000 Mbps
	Flow Control	Half-duplex back-pressure and IEEE802.3x full-duplex
	Full Duplex Support	Yes
	Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
	Switching Architecture	Store-and-Forward
<b>Connector(s)</b>	Connector Type(s)	8 - RJ-45 Female
<b>Software</b>	OS Compatibility	OS Independent; No additional drivers or software required
<b>Special Notes / Requirements</b>	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"> <li>• United States Patent No. 5,406,260 (expired)</li> <li>• United States Patent No. 6,650,622</li> <li>• United States Patent No. 7,457,250</li> <li>• United States Patent No. 8,155,012</li> <li>• United States Patent No. 8,902,760</li> <li>• United States Patent No. 8,942,107</li> <li>• United States Patent No. 9,019,838</li> <li>• United States Patent No. 9,049,019</li> <li>• United States Patent Application No. 14/695,456</li> <li>• United States Patent Application No. 14/726,940</li> </ul>
<b>Indicators</b>	LED Indicators	1 - Power
		8 - Activity
		8 - 10/100 Mbps
		8 - 1000 Mbps
		8 - PoE
<b>Power</b>	Center Tip Polarity	Positive
	Input Current	2 A
	Input Voltage	100 - 240 AC
	Output Current	2.31 A
	Output Voltage	52 DC
	Plug Type	M

	Power Consumption (In Watts)	120
	Power Source	AC Adapter Included
<b>Environmental</b>	Humidity	10~90% RH (Non-Condensing)
	Operating Temperature	0°C to 55°C (32°F to 131°F)
	Storage Temperature	-20°C to 90°C (-4°F to 194°F)
<b>Physical Characteristics</b>	Color	Black
	Material	Steel
	Product Height	1.5 in [3.8 cm]
	Product Length	7.4 in [18.8 cm]
	Product Width	4.7 in [11.9 cm]
	Weight of Product	26.5 oz [750 g]
<b>Packaging Information</b>	Package Height	2.7 in [69 mm]
	Package Length	14.6 in [37.1 cm]
	Package Width	7.8 in [19.7 cm]
	Shipping (Package) Weight	3.9 lb [1.8 kg]
<b>What's in the Box</b>	Included in Package	1 - 8 Port Gigabit PoE Switch
		2 - Wallmount Brackets
		1 - Set, Rubber Feet
		1 - Universal Power Adapter (NA/JP, EU, UK, ANZ)
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.