

5 Port Unmanaged Industrial Gigabit PoE Switch with 4 Power over Ethernet ports

Product ID: IES51000POE



The IES51000POE 5-Port Gigabit PoE Switch with 4 PSE ports lets you connect Gigabit Ethernet and power to up to 4 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 compact Power over Ethernet switch complies with IEEE 802.3af standards and supplies up to 15.4 W per port, with a total power budget of 62W. A true unmanaged switching solution, the 4 PSE (Power Sourcing Equipment) ports sense whether the connected devices are PoE-ready or require data connectivity only, while all 5 ports 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

- Retail applications such as RFID readers

Features

- 4 10/100/1000Mbps Power over Ethernet ports, plus Uplink
- Max 15.4 W for each PSE/PoE port
- Auto-negotiation for network speed and full/half-duplex
- Store-and-Forward switching
- IEEE 802.3x flow control for full-duplex and back-pressure flow control for half-duplex
- Rugged metal enclosure

Hardware

| | |
|--------------------|---|
| Warranty | 2 Years |
| Ports | 5 |
| Industry Standards | IEEE 802.3af Power Over Ethernet, IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX/FX, IEEE 802.3ab 1000BASE-TX, IEEE 802.3x |
| Chipset ID | Realtek - RTL8370 |

Performance

| | |
|----------------------------|--|
| Maximum Data Transfer Rate | 2 Gbps (Full-Duplex) |
| Buffer Size | 104 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. |
| | <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 |

Indicators

| | |
|----------------|--------|
| LED Indicators | Power |
| | Uplink |
| | LAN |
| | PoE |

Power

| | |
|------------------------------|---------------------|
| Power Source | AC Adapter Included |
| Input Voltage | 100 - 240 AC |
| Input Current | 2 A |
| Output Voltage | 48 DC |
| Output Current | 1.35 A |
| Center Tip Polarity | Positive |
| Plug Type | M |
| Power Consumption (In Watts) | 62 |



Environmental

| | |
|-----------------------|----------------------------|
| Operating Temperature | 0C to 50C (32F to 122F) |
| Storage Temperature | 0C to 50C (32F to 122F) |
| Humidity | 10~90% RH (Non-Condensing) |

Physical Characteristics

| | |
|-------------------|-------------------|
| Color | Black |
| Material | Steel |
| Product Length | 5.1 in [13.0 cm] |
| Product Width | 3.5 in [90.0 mm] |
| Product Height | 1.1 in [28.0 mm] |
| Weight of Product | 12.9 oz [366.0 g] |

Packaging Information

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|---------------------------|-------------------|
| Package Length | 14.6 in [37.0 cm] |
| Package Width | 7.9 in [20.1 cm] |
| Package Height | 2.9 in [74.0 mm] |
| Shipping (Package) Weight | 3.1 lb [1.4 kg] |

What's in the Box

| | |
|---------------------|-------------------------------|
| Included in Package | Gigabit Ethernet PoE Switch |
| | Mounting Screws |
| | Set, Rubber Feet |
| | Universal Power Adapter |
| | Power Cords (NA, EU, UK, ANZ) |
| | Instruction Manual |

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

