

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

IES51000POE



\*actual product may vary from photos

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## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Table of Contents

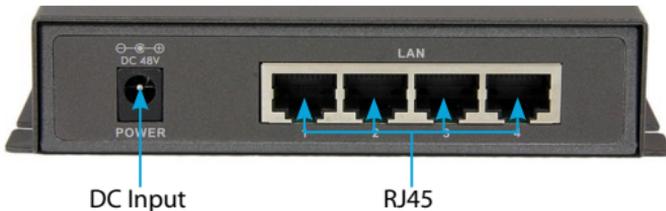
<b>Product Overview .....</b>	<b>1</b>
<b>Front View.....</b>	<b>1</b>
Rear View.....	1
LED Indicators.....	1
<b>Introduction .....</b>	<b>2</b>
Packaging Contents .....	2
<b>Installation .....</b>	<b>3</b>
Wall-Mounting .....	3
Hardware Installation .....	3
<b>Specifications.....</b>	<b>4</b>
<b>Technical Support .....</b>	<b>5</b>
<b>Warranty Information.....</b>	<b>5</b>

# Product Overview

## Front View



## Rear View



## LED Indicators

LED	Function
<b>Power (1)</b>	Solid Green - power is on and normal
<b>Uplink (1)</b>	Solid Green – Connected at 1000Mbps Solid Yellow – Connected at 100Mbps Flashing Green - Ethernet Uplink activity at 1000Mbps Flashing Yellow - Ethernet Uplink activity at 100Mbps Flashing Yellow - Ethernet Uplink activity at 10M.
<b>LAN (4)</b>	Solid Green – Connected at 1000Mbps Solid Yellow – Connected at 100Mbps Flashing Green - Ethernet activity at 1000Mbps Flashing Yellow - Ethernet activity at 100Mbps Flashing Yellow - Ethernet activity at 10Mbps
<b>PoE (4)</b>	Solid Green - Power over Ethernet function is enabled OFF - PoE function is disabled, behaving as a regular LAN port

# Introduction

The IES51000POE 5-Port Gigabit PoE Switch with 4 PSE ports lets you connect Gigabit Ethernet and power to four PoE-enabled devices, or a mixture of PoE and non-PoE components.

## Packaging Contents

- 1 x Gigabit Ethernet PoE Switch
- 4 x Mounting Screws
- 1 x Set, Rubber Feet
- 1 x Universal Power Adapter
- 3 x Power Cords (NA /UK /EU)
- 1 x Instruction Manual

# Installation

## Wall-Mounting

The Network Switch is designed to sit on a flat surface (such as a desktop) or mount to a wall or similar surface. Skip to the Hardware Installation section below if you are not wall-mounting the device.

1. Determine the desired location and orientation of the switch on the wall, and mark both mounting notch location on one side of the integrated mounting bracket, ensuring they are level.



2. Depending on the mounting surface, use the appropriate tools to install the included screws into the wall, leaving a gap of approximately 2 mm between the head of the screw and the wall surface.
3. Place switch back onto the wall with the mounting notches against the previously installed screws and mark the location for the mounting notches on the opposite side of the device.
4. With the switch in place on the wall, install the remaining two screws on the other side so the device is held in place.

## Hardware Installation

1. Plug one end of the power adapter into an open electrical outlet and plug the other end into the DC connector on the side panel of the Network Switch. The Power LED on the front of the Switch should now be lit.
2. Connect a network cable to the Uplink port on the front panel of the switch, and connect the other end of the cable into the RJ-45 port on your upstream switch or router. The Uplink connection speed should auto-detect and the appropriate LEDs will illuminate to show activity.
3. Connect your PoE or non-PoE devices to the remaining 4 ports on the rear panel of the switch (e.g. computer, IP Phone, IP Camera, etc.). The switch will auto-detect connection speed and whether PoE is required, and the appropriate LEDs will illuminate and show activity.

# Specifications

<b>Number of Ports</b>	5 (4 POE)
<b>Compatible Networks</b>	10/100/1000 Mbps
<b>Industry Standards</b>	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
<b>PoE Output</b>	48V DC, 15.4W (per-port)
<b>Connectors</b>	5 x RJ-45 Female
<b>Maximum Data Transfer Rate</b>	2 Gbps (Full-Duplex)
<b>Switching Architecture</b>	Store-and-Forward
<b>Buffer Size</b>	512 KB
<b>Full Duplex</b>	Yes
<b>Auto MDIX</b>	Yes
<b>Flow Control</b>	Half-duplex back-pressure and IEEE802.3x full-duplex
<b>Power Consumption</b>	62W Max
<b>Power Adapter</b>	48V DC, 1.35A
<b>Enclosure Material</b>	Steel
<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>Storage Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>Humidity</b>	10~90% RH (Non-Condensing)
<b>Dimensions</b>	130 x 90 x 28 mm
<b>Weight</b>	366g

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## Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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