

Note:

1. Ports 1 to 4 are used for connecting to PD or PoE splitter for end devices.
2. For high power applications, the PD or PoE splitter has to be compliant with pre-802.3at standard.
3. Port 5 is the RJ-45 uplink port that connects with non-PoE Device.

For cable selection, refer to the following table:

Network Speed	Cable Type	Max. Length
10M	Cat. 3,4,5,5e UTP/STP	100 meters
100M	Cat. 5,5e UTP/STP	100 meters

Note:

To prevent costly equipment damage and downtime, please consider installing a surge suppression device or a UPS (Uninterrupted Power Supply).

Specifications

Module	SP6005P4
Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX IEEE 802.3af / pre-802.3at Power over Ethernet
Hardware	1 x RJ-45 ports of 10/100M (#5) 4 x RJ-45 PoE ports of 10/100M (#1 - #4) MAC address: 2K Buffer memory: 512KB
Features	Auto negotiation for 10/100M ports Auto MDI/MDI-X for 10/100M ports Max. 61.6W system feeding power Deliver high power 48/30/20W for 1/2/3 PDs OVP (Over Voltage Protection) OCP (Over Current Protection) OTP (Over Temperature Protection) SCP (Short Circuit Protection) Surge protection LED indicators for PoE activity
Output PoE Pin	4,5,7,8
Power Supply	DC 56V, 1.17A
Environment	Operating Temperature: 0 55 degree C Storage Temperature: -20 90 degree C Relative Humidity: 10 to 90%
Dimension	120 x 90 x 28 (mm)
Emission	CE

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FCC Certifications

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and radiates radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at own expense. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation.

CE Mark Warning

This equipment complies with the requirements relating to electromagnetic compatibility of the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States. Company has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date. Please check with your local distributors for the latest information. No part of this document can be copied or reproduced in any form without written consent from the company.

 **WEEE Directive & Product Disposal**
At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

P/N: 2300-0761



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Communicate via **Micro network**



Micronet
Making Communication Easier

Quick Installation Guide

5-Port 10/100M PoE Switch with 4 PoE Ports, 61.6 Watts

Model No.: SP6005P4



Introduction

The SP6005P4 supports IEEE 802.3af and pre-802.3at standards for Power over Ethernet (PoE) with the maximum power delivery up to 61.6 Watts. That makes it suitable to various applications that demand for remote power feeding and meet high level requirement for power. In addition, the SP6005P4 is equipped with DIP switch for per-port PoE enabled/disabled. It effectively helps allocate power for connected devices and enhances network management.

Key Features

- Compliant with IEEE 802.3af and pre-802.3at standards
- Supports Power over Ethernet on 4 RJ-45 ports of 10/100M
- Provides 61.6W (max) feeding power to 4 PDs: 15.4W for each
- Able to delivers high power to 1/2/3 PDs: 48/30/20W for each
- Supports power protection as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), and SCP (Short Circuit Protection)
- Supports robust surge protection
- Equipped with DIP switch for per-port PoE enabled/disabled
- LED indicators for PoE activity

Package Contents

Before you start installing SP6005P4, please verify the following package contents:

- SP6005P4 10/100M PoE Switch
- Quick Installation Guide
- AC/DC Power Adaptor
- Power Cord
- Accessories(screws , pads)

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Tour of the System

Front Panel

LED indicators, dip switch and one uplink port



Back Panel

RJ-45 PoE ports and work with DC adaptor



LED Indicator

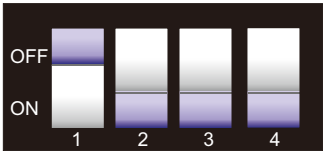
For definitions of LED indicators, please refer to the following table:

LED	Status	Operation
POWER	On/Green	Power is on
	Off	Power is off
LINK	On/Green	The Ethernet port is connecting with the device.
	Blink/Green	Receiving or transmitting data.
	Off	No device attached.
PoE	On/Green	PoE port is active.
	Off	PoE port is not active.

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Dip Switch Configuration

The DIP switch can be switched 'ON' or 'OFF' anytime for PoE function enabled/disabled.



PoE Control

Number of Enabled PoE Ports	1	2	3	4
Maximal power on Each PoE Port (Watts)	*48	*30	*20	15.4

Note:

1. It is suggested that the dip switch is set ready before the PoE port is connected.
2. (*) The SP6005P4, with pre-802.3at compliant, provides Extended power levels 48/30/20 watts for higher power applications.

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Hardware Installation

The setup of the switch can be performed using the following steps:

- Step 1: **Plug the supplied power adapter into the Switch
- Step 2:The Power adaptor other end into a power outlet, power strip, or surge protector (recommended). Verify the Power indicator is lit on the Switch.
- Step 3: Enable PoE port manually with dip switch 'On'.
- Step 4: Connect a RJ-45 Ethernet cable from IEEE802.3af compliant devices (PD) to an available PoE port of SP6005P4.

Note: 1.** Please disconnect this power adaptor from AC outlet before install the switch for prevent the surge

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