## Specifications

| Model No. | SP6008P |
|---|---|
| Standards | IEEE 802.3af<br>IEEE 802.3 10 BaseT<br>IEEE 802.3u 100 BaseTX<br>IEEE 802.3x Flow Control |
| Features | Number of Ports: 8 PoE/PSE ports<br>MAC Address: 1k<br>Buffer Memory: 512 bits<br>Transmission Method: Store and Forward |
| Filtering/ Forwarding Rates | 100Mbps port-148,800pps<br>10Mbps port-14,880pps |
| Transmission Media | 10 BaseT Cat 3,4,5 UTP/STP<br>100M BaseTx CAT 5 UTP/STP |
| LED Indicators | Per Port: Link/Act, PoE Act/Status<br>Per Unit: Power |
| Power Input/Output | Input: 100~240V/AC, 50~60 Hz<br>Output: 48V/DC Per Port Output- 15.4W<br>Max Per Port, 8 Ports at Full 15.4 W Output Supported |
| Power Consumption | 130 Watts (Max) |
| Dimension | 20(H) x 58(W) x 87(D) mm |
| Temperature | Operating: 0~60oC, Storage: -20~90oC |
| Humidity | Operating: 10~90% (Non-Condensing) |



## 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.



P/N 2300-0622

**WEEE Directive & Product Disposal**

At the end 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.



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Quick Installation Guide

# 8-Port 10/100M PoE Switch

Model No.: SP6008P

## Introduction

Micronet SP6008P supports IEEE 802.3af at standard for Power over Ethernet (PoE) with the maximum power delivery up to 130 Watts. That makes it suitable to various applications that demand for remote power feeding and meet high level requirement for power. SP6008P is totally equipped with 15.4 Watts per PoE port, which effectively helps allocate power for connected multiple devices and enhances network management.

## Package Contents

Before you start installing SP6008P, please verify the following package contents:

- SP6008P 10/100M PoE Switch
- Quick Installation Guide
- Power Cord
- Mounting Kits



## Key Features

- Compliant with IEEE 802.3af standard
- Supports Power over Ethernet on 8 RJ-45 ports of 10/100M
- Provides 130W (max) feeding power to 8 PDs: 15.4W for each
- Supports Auto-MDI/MDI-X
- Support Non-Blocking Data Forward
- Supports Auto-Negotiation and feature of store-and-forward
- LED indicators for PoE activity

## Tour of the System

Micronet SP6008P supports IEEE 802.3af at standard for Power over Ethernet (PoE) with the maximum power delivery up to 130 Watts. That makes it suitable to various applications that demand for remote power feeding and meet high level requirement for power. SP6008P is totally equipped with 15.4 Watts per PoE port, which effectively helps allocate power for connected multiple devices and enhances network management.



### Front Panel


LED indicators

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

| LED | Status | Indication |
|---|---|---|
| PWR | On/Green | Power is On |
| | Off | Power is off |
| 10/100M, LINK | On/Green | The Ethernet port is connecting with the device |
| | Blink/Green | Receiving or transmitting data |
| | Off | No device attached |
| PoE | On/Orange | PoE port is active |
| | Off | PoE port is not active |

### Back Panel

Power Switch and Power Cord Connector



## Hardware Installation

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

Step 1: Connect the Power Cord to SP6008P and then to a power outlet

Step 2: Connect a RJ-45 Ethernet cable from IEEE802.3af-compliant devices (PD) to an available PoE port of SP6008P

**Note**: Port 1 to Port 8 are used for connecting to PD or PoE splitter for end devices.

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 (Un-interrupted Power Supply).