

Hardware Installation

Connecting to the Console Port and Ethernet Port

1. Attach one end of the supplied RS-232 cable to PC or terminal and the other end to the console port of the SP6824P front panel. The connected terminal or PC must support the terminal emulation program.
2. Connect one end of an RJ-45 cable to the Ethernet port at the front panel and the other end to PC or terminal for web interface management.

Cabling Requirements for 1000Base-SX/LX SFP Module

SP6824P supports the more complex and comprehensive TP cabling in the fiber media. Basically, there are two categories of fiber, multimode and single mode. The later is categorized into several classes by the distance supported. They are SX, LX, LHX, XD and ZX. From the viewpoint of connector type, there mainly are LC and Bi-Di LC.

- Gigabit Fiber with multimode LC SFP module
- Gigabit Fiber with single-mode LC SFP module
- Gigabit Fiber with Bi-Di LC 1310nm SFP module
- Gigabit Fiber with Bi-Di LC 1550nm SFP module

For more details, please refer to user manual.

5

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 2300-0637



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.

7

Configuration

Web-based User Interface

Before using web management, install the SP6824P on the network and make sure that any one of the PCs on the network can connect with the SP6824P through the web browser. The default IP, subnet mask, username and password are as follows:

IP Address: **192.168.1.254**

Subnet Mask: **255.255.255.0**

User Name: **admin**

Password: **[leave blank]**

Login in the Console Interface

When the connection between SP6824P and PC is ready, turn on the PC and run a terminal emulation program or Hyper Terminal and configure its communication parameters to match the following default characteristics of the console port:

Baud Rate: 38400 bps

Data Bits: 8

Parity: none

Stop Bit: 1

After finishing the parameter settings, click "OK". When the blank screen shows up, press **Enter** key to bring out the login prompt. Key in the "admin" (default value) for the User name and leave the Password field blank (use **Enter** key to switch), then press Enter key and the command line interface of console management appears.

-----For more details, please refer to user manual.-----

6

Communicate via *Micro network*



Micronet
Making Communication Easier

Quick Installation Guide

24-port 10/100Mbps Layer 2 Managed Switch With 370W PoE output power

Model No.: SP6824P



www.micronet.com.tw

Introduction

Micronet SP6824P 10/100Mbps Managed Switch with 370W PoE output offers performance and a full set of layer 2 networking management features at an affordable cost, suitable for high performance workgroups and server applications. With 10/100Mbps RJ-45 ports and shared mini-GBIC slots for fiber optic connection, it delivers maximum throughput to high performance users or provides a backbone to a growing business network.

Package Contents

Before you start installing the device, verify the following items are in the package:

- SP6824P Switch
- Quick Installation Guide
- Manual CD
- RS-232 cable
- Mounting accessory
- Power Cord

1

Physical Description

SP6824P



Front Panel



Rear View

3

Key Features

- Compliant with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, and IEEE802.3z 1000Base-LX/SX standards.
- SP6824P provide 24 RJ-45 ports of 10/100Mbps and 2 shared mini-GBIC slots for fiber extension
- Support IEEE 802.3ad Link Aggregation, up to 8 trunk groups, up to 14 ports for each group.
- Support IEEE802.1q tag-based VLAN and IEEE802.1p traffic prioritization (CoS)
- Support broadcast storm control
- Support jumbo frame up to 9216K bytes
- Support 802.1d STP, 802.1w Rapid STP, IEEE802.1s MSTP
- Support 802.1x port-based authentication and port security with MAC address
- Support IGMPV1, IGMPV2, IGMPV3
- Support SNMPV1, SNMPV2, SNMPV3
- Support 24 ports 802.3af standard with up to 15.4W/Port
- Support PoE Total budget 372W; Guard band 32W.

2

LED definition:

LED	Status	Operation
SP6824P LED light for port 1-24		
LINK/ACT	On/Green	Link detected
	Blink/Green	Traffic detected
	Off	No traffic detected
10/100Mbps	On/Green	10/100Mbps link detected
	On/Orange	PoE power supplied
	Off	No link detected

RESET Button:

To restore switch configuration to factory defaults

Press the Reset button for more than 10 seconds, switch configuration will be restored to factory defaults and then reboots.

4