

SP1678 Gigabit Stackable Management Switch

Best choice to build infrastructure of high performance manageable network with flexibility of stacking

Micronet SP1678 Gigabit Stackable Management Switch is designed to economically meet the need of remote management. Micronet SP1678 provides 24 ports of 10/100Mbps with 2 expansion slots for gigabit module and one expansion slot for 100Mbps Fiber Module. In addition to rich advanced management functions, SP1678 features stackable function that support stacking up to 8 unit. One expansion slot for 100Mbps fiber module. to allow SP1678 to connect to remote switch.

Stackable Management Network

To meet the demands of a growing network, SP1678 provides the easily expandable architecture through stackable function. By stacking the switches through Management Bus port, SP1678 allows to build a single switch with up to



192 10/100 ports, all managed by a single IP. It can also be stacked with SP1636 and SP3516.

Full Function Management

The SP1678 lets you manage your network from anywhere and any platform by using web browser. With Java™ Virtual Machine (JVM) platform integrated in the device. It provides complete web server control and graphic interface to configure/monitor the device. In addition to web browser interface, user can also configure SP1678 through console port and Telnet. It also supports Device Manager for standard platforms such as HP OpenView for monitoring network performance and switching activities.

Key Features

- Support Web-based management, Console & Telnet management, SNMP
- The whole management stack can stack up to 8 sets through stack port
- IEEE802.1Q based VLAN, 255 VLAN group max.
- Port-based Trunking to aggregate bandwidth up to 7 groups
- Support MIB Counter
- 24 Ports of 10/100 Mbps ports
- Support 1 slots for 100Mbps fiber module to connect remote switch
- Support 2 slots for Cooper/Fiber Gigabit module
- Support 6K MAC address entries and 385Kilobyte buffer RAM
- Support IEEE 802.1D Spanning Tree mechanism
- Support static and dynamic MAC address limit function on each connection
- Support IP Multicasting through IGMP Snooping
- TFTP software download support
- 19 inch rack mountable

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SPECIFICATION AND PRODUCT FEATURES

Model	SP1678
Standard	IEEE 802.3, 10BASE-T IEEE 802.3u, 100BASE-TX/FX IEEE 802.3ab, 1000BASE-T IEEE 802.3z, 1000BASE-SX IEEE 802.1p/Q; IEEE 802.1D, IEEE 802.3x
Port	24 port of 10/100Mbps; 3 slots for expansion module; DB9 console
Cable Connection	RJ-45 (10BASE-T) : UTP Category 3,4,5 RJ-45 (100BASE-TX) : UTP Category 5 RJ-45 (1000BASE-T) : UTP Category 5 or 5E SC (1000BASE-SX) : 50 or 62.5/125 μ m multi-mode fiber
Performance	RAM buffer: 385 Kilobyte MAC address : 6K Entries
Stackable	Up to 8 units
Loop prevent	Support IEEE 802.1D spanning tree protocol
VLAN	IEEE 802.1Q, 255 VLAN max.
Trunking	Support up to 7 group port trunking
IGMP	IP Multicast Filtering by passively snooping on the IGMP Query
Security	Support static MAC address filter
Front Panel LED Display	System: Power, Status 0, Status 1, RTC Per port: Speed, Link and Activity, Full duplex/Collision
Power Requirements	100-240 VAC, 50/60 Hz internal universal power
Temperature	Operating: 0° to 50° C
Operating Humidity	10% to 90% non-condensing
Dimension	44cm x 28.5cm x 4.4cm (W x L x H)
Weight	3.64 Kg
EMI	FCC Class A, VCCI Class A, CE
Installation	Standard EIA 19" rack mount

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP1678	Gigabit Stackable Management Switch, 24 ports of 10/100Mbps w/ 2 slots for Gigabit/Fiber module and 1 slot for 100Mbps/Fiber Module
M359A	1000BASE-T Module for SP1636/SP1678/SP3516, RJ-45 Connector
M359B	1000BASE-SX Fiber Module for SP1636/SP1678/SP3516, SC Connector
M361	100BASE-FX Fiber Module for SP1678, SC Connector



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COMPANION PRODUCTS

Consider these related 10/100/1000 Mbps Micronet products as a factor in your network planning

Ethernet Adapter for Desktop PC

PCMCIA Ethernet

PCMCIA Ethernet + Modem

PCMCIA Modem

CompactFlash Adapter

Ethernet Hub

Ethernet Switch

Ethernet Repeater

Ethernet Transceiver

Ethernet Converter

Wireless LAN Solution

Analog Modem

ISDN TA and Router

xDSL Modem and Router

VoIP Telephony

Print Server

Internet IP Sharer

USB Device Family

Wiring System

KVM Switch

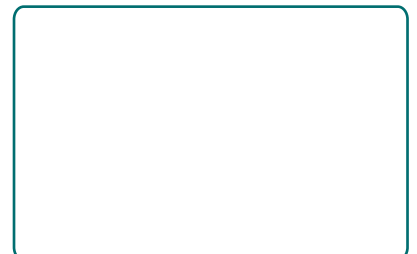
SNMP Network Management

RMON Network Management

Web-Based Network Management

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