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Making Communication Easier



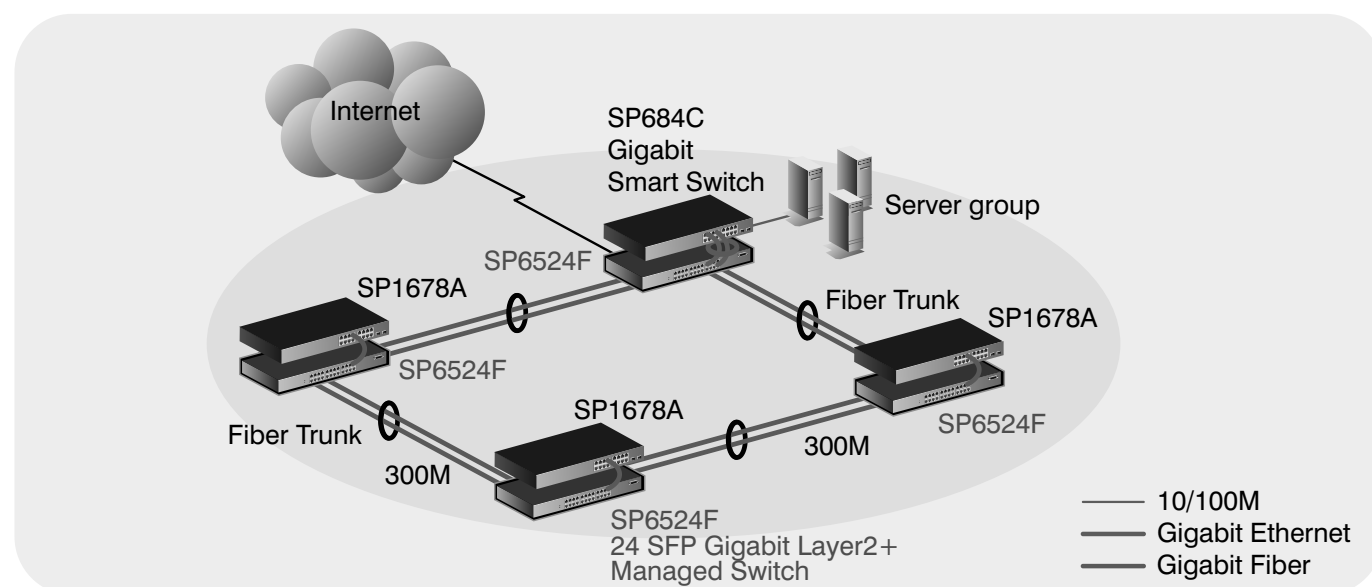
SP6524F

24 SFP Gigabit Layer2+ Managed Switch

Micronet SP6524F Gigabit Managed Switch delivers wire speed Gigabit performance and rich layer 2 management functions, suitable for high performance workgroups and server applications. With 8 combo SFP/RJ-45 ports and 16 SFP slots for fiber optic connection, it provides a perfect solution for huge data transmission and preserves the great flexibility of network infrastructure.

Key Features

- Compliant with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, and IEEE802.3z 1000Base-LX/SX standards.
- Provide 8 combo SFP/RJ-45 ports and 16 SFP slots for fiber extension
- Support IEEE 802.3ad Link Aggregation, up to 8 trunk groups
- Support IEEE802.1q tag-based VLAN, IEEE 802.1q-in-q nested VLAN, and IEEE802.1p traffic prioritization (CoS)
- Support traffic classification based on user-defined priority or information in MAC, IP, and TCP/UDP header
- Support Ingress and Egress bandwidth control with a resolution of 1Mbps
- Support broadcast / multicast / unknown unicast 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 IGMP snooping including active and passive mode
- Support Virtual Stacking Management for 16 devices stacking
- Support MIBs: Interface MIB, Address Translation MIB, RMON MIB, IP MIB, ICMP MIB, TCP MIB, UDP MIB, SNMP MIB, MIB-II, Bridge MIB, Ethernet MIB, Enterprise MIB



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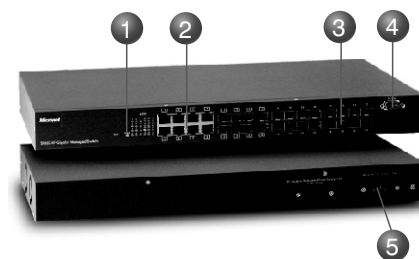
SPECIFICATION AND PRODUCT FEATURES

Model	SP6524F
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1q/p, IEEE802.1q-in-q, IEEE802.1d, IEEE802.1w, IEEE802.1s, IEEE802.1x
Interface	8 x Combo SFP/RJ-45 ports, 16 x Gigabit SFP slots
Hardware	Buffer memory: 1392 KB, MAC Address Table: 8K entries, Switch Fabric: 48Gbps, Jumbo frame: 9216K
Layer 2 Features	IEEE802.3x Flow Control, Link Aggregation LACP (12 Group), Port-based VLAN, IEEE802.1q Tag-based VLAN (4k), IEEE802.1q-in-q nested VLAN, Multicast VLAN Management, GVRP (GARP VLAN Registration), STP/RSTP/MSTP
Multicast	IGMP snooping Filtering and proxy Broadcast / Multicast / Unicast Storm Control
QoS	Traffic classification (by CoS, ToS, L4 port number, physical port), Queuing (4 queues per port), Bandwidth Control, QoS-QCL (QoS Control List)
Security	IEEE802.1x port-based authentication, Port security with MAC address, Access Control List, IP-MAC-Port Binding, DHCP Relay Agent(option 82)
Management	Web-based, Telnet, Console, SNMP, Virtual Stacking, TFTP software-upgrade, Cabling Diagnostics, Port Mirror (Inbound/Outbound), Stackability(16 devices), SNMP & MIBs
Environment	Operating Temperature: 0 ~ 40°C Operating Humidity: 10 ~ 90% (Non-Condensing)
Power	AC 100-240V, 50/60 Hz, 60W
Dimension, W x D x H	442 x 209 x 44 mm
Weight	2.85kg
Emission	FCC Class A, CE

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP6524F	24 SFP Gigabit Layer2+ Managed Switch with 8 Shared Gigabit Ports, Enhanced Security
M363A	1000BASE-SX mini-GBIC module, Duplex, Multimode, 550M, LC connector
M363B-10	1000BASE-LX mini-GBIC module, Duplex, Single Mode, 10KM, LC connector



SP6524F
24 SFP Gigabit Layer2+ Managed Switch

- ① Status Indicator
- ② 10/100/1000M RJ-45 LAN Port
- ③ SFP Slot
- ④ Console Port
- ⑤ Power Jack

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

56K Modem/ ISDN TA

ADSL and Broadband

Digital Signage

Internet Camera

KVM Switch

Media Converter

Medile Communication

Network Interface Card

Powerline

Print Server

Switch

VDSL

IP Telephony

Wireless LAN

Wiring System

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