

# 24-port 10/100/1000M Managed PoE switch

Model No. SP6524P



## Introduction

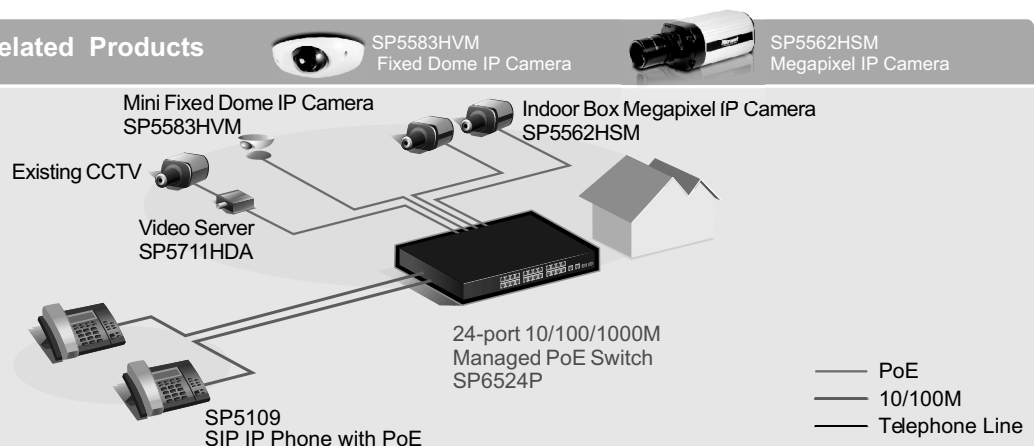
Micronet SP6524P is 24-port 10/100/1000M PoE managed switch with 4 of SFP ports to uplink other Ethernet switches. The multi-function switch is designed for large network environment or system integrators to strengthen its network connection. It consists of 24 PSE/PoE ports. The capability can help solve the limitation of the power outlet location and offer system designer a flexible solution to locate the network device or power device (PD) anywhere. It also gives you the option of installing it in a 19" cabinet by rack-mount kits. SP6524P features 24 IEEE 802.3af Power over Ethernet (PoE) ports supplying up to 15.4 watts per port. This product can convert standard 100~240V /AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af/at compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af/at compliant, or only the data will be sent through LAN cable. It can detects the presence of 802.3af compliant devices, supplies power to different appliances, such as IP Camera, wireless AP or IP Phone, to enable a unified supply of data, voice, video and power over standard Cat.5, 5E, 6, and 7 twisted pair cable.

## Key Features

- Provide 24 IEEE 802.3af PoE ports, or some IEEE 802.3at PoE ports and power supplying up 370 Watts totally
- Support VLAN Tagging (IEEE 802.1Q) and protected port feature for port isolation
- Support Link Aggregation (IEEE 802.3ad) and QoS (Port-based/IEEE 802.1p) feature
- Support IGMP Snooping, IGMP Proxy, IGMP Querier and IGMP immediate leave features
- Support IEEE 802.1x with RADIUS and TACACS+ Server for authentication
- Support Spanning Tree Protocol (IEEE 802.1D/w/s) and RSTP root guard features
- Support rate limiting and port self-loop detection
- Support IP and MAC ACL, also MAC-based port, SSL and SSH security features
- Support DHCP client and DHCP relay, port mirroring features
- Support SNMP v1/v2c/v3 and RMON group (history, statistics, alarm, and events) features
- Allow Web, Telnet, and CLI Access management

## Application

### Related Products



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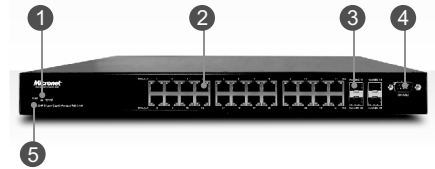
### SPECIFICATION AND PRODUCT FEATURES

Model	SP6524P		
Standards	IEEE802.3, 10Base-T	IEEE802.3ab, 1000Base-T	IEEE802.3, 1000Base-T
	IEEE802.3u, 100Base-TX	IEEE802.3z, 1000Base-SX	
	IEEE802.3u, 100Base-FX	IEEE802.3z, 1000Base-LX	
Layer 2 Features	Auto Negotiation	Private VLAN Edge(Protected Port)	
	Auto MDI/MDI-X	Multicast VLAN Management	
	IEEE802.3x, Flow Control	GVRP (GARP VLAN Registration)	
	IEEE802.3ad, Link Aggregation(LACP)	IEEE802.1d, STP	
	LACP-Trunking Group Number	IEEE802.1w, RSTP	
	LACP-Port for each Group	IEEE802.1s, MSTP	
	Port Trunk (Static Link Aggregation)	RSTP Root Guard	
	Protocol-based VLAN	Port Mirroring	
	IEEE802.1q, Tag-based VLAN	Jumbo Frame	
	IEEE802.1q-in-q, Nested VLAN		
Layer 3 Features	DHCP Relay Agent (Option 82)	IGMP for Proxy	
	IGMP for Snooping	IGMP Immediate Leave	
QoS	IEEE802.1p, Traffic Prioritization (CoS), ToS, Port Priority, Bandwidth Control, QoS Remarking		
Management	Console, Telnet, Web-based HTTP, Cable Diagnostics, RADIUS, Firmware Upgradable		
SNMP & MIBs	SNMPv1, SNMPv2, SNMPv3, MIB II, RMON MIB, Bridge MIB, IF MIB		
Security	IEEE802.1x, Port-based , Authentication, ACL(Access Control List), Mac Address Filtering, IP-MAC-Port Binding, Management IP List, Port Self-Loop Detection		
Hardware	512KB Packet Buffer , 8K Mac Address Table, 48 Gbps Switch Fabric, 8 MB Flash RAM, 24 10/100M, RJ-45 ports, 4 mini-GBIC Slot		
Power	100~240 VAC, 50~60Hz, 370 Watts in total		
Dimension	430 x 350 x 44 mm		
Temperature	Operating: 0~40°C, Storage: -20~70°C		
Humidity	Operating: 10~90% (Non-Condensing)		

The product specifications are subject to change without prior notice

### ORDERING INFORMATION

Model	Description
SP6524P	24-port 10/100/1000M Managed PoE Switch



### 24-port 10/100/1000M Managed PoE Switch

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- ① Power LED
- ② 10/100/1000M RJ-45 port
- ③ 1000Base-FX port
- ④ Console port
- ⑤ Reset

### COMPANION PRODUCTS

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

- Ethernet
- Hotspot and Network Access Control
- Industrial Ethernet
- IP Surveillance
- IP Telephony
- KVM Switch
- Network Appliance
- Structured Cabling System
- VDSL · ADSL and Broadband
- Wireless LAN

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