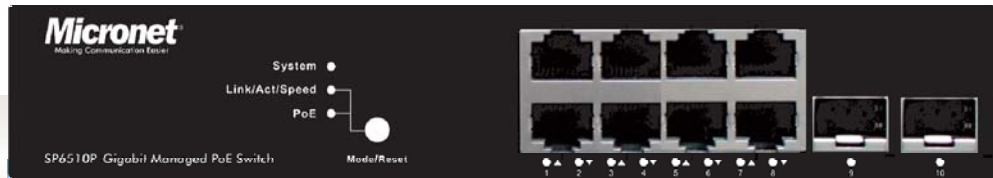




10-Port Gigabit Managed PoE switch

Model No. SP6510P



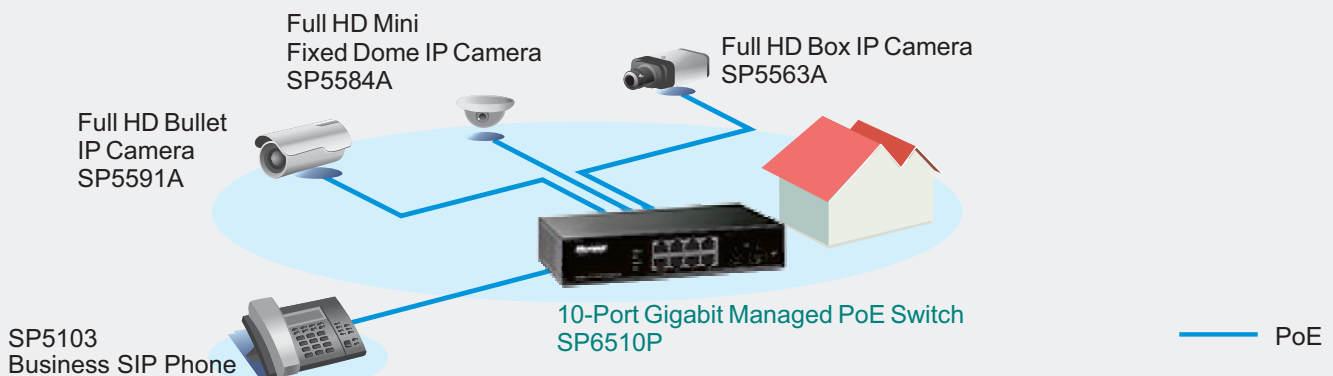
Introduction

Micronet SP6510P is a 10-port managed PoE switch with 8-Port 10/100/1000Mbps PoE and 2-Port Gigabit SFP supporting fiber expansion. It is compliant with IEEE802.3af/at, featuring up to 30 watts per port and 130 Watts total PoE power to fulfill most of the demanding network camera and other IT/network applications. With its PoE features such as PoE scheduling, auto-checking, configuring, and power delay, it helps you utilize PoE power more efficiently, smartly, and maximizes the power usage.

For more secured and smooth network, SP6510P is equipped with a long list of layer 2 & layer 3 management and security features such as VLAN, link aggregation, QoS, DHCP client and snooping, secure shell, secure sockets layer, IPv6, and more. With these features, you will have quick deployment, smooth and safe network; giving your infrastructure expansion with more functionality, security, and manageability for different network applications.

Key Features

- **Provide 130W Total PoE Power**, with 8 PoE ports IEEE802.3af/at
- **Support automatic Voice VLAN** for quick deployment of VoIP, and IP-based surveillance system
- **Support Link Aggregation (IEEE 802.3ad)** to increase bandwidth by automatically aggregate several links together
- **Support QoS (Port-based/IEEE 802.1p) feature** to preserve network bandwidth and allow maximum control of network resources
- **Support STP, Reserve STP (RSTP) and MSTP features** to ensure faster recovery from failed links and enhance overall network reliability
- **Support DHCP client and snooping, port mirroring, and rate limiting features** to enhance network security.
- **Allow Telnet, and IPv6 Web interface (both HTTP and HTTPS) access**
- **Support Device Management System** to facilitate installation, configuration, and troubleshooting
- **Support IEEE 802.1Q VLAN-segmented broadcast domains** to reduce broadcast traffic and increase LAN security and performance
- **Support 802.3az Green-Ethernet** to save power usage
- **Support PoE Port configuration, scheduling, auto-checking, and power delay** to enhance power performance
- **Support Secure Shell (SSH) & Secure Sockets Layer (SSL/HTTPS)** for secure network management



SPECIFICATION AND PRODUCT FEATURES

Model	SP6510P	
Standard	IEEE802.3, 10Base-T IEEE802.3u, 100Base-TX/FX IEEE802.3ab, 1000Base-T	IEEE802.3z, 1000Base-SX/LX IEEE802.3az, Green Saving IEEE802.3af, 802.3at, PoE
Interface	8 x 10/100/1000M RJ45 Ports 2 x 1G SFP Slots	
Hardware	Min. MIPS(MHZ)-RTL8380M 500MHZ, Flash Memory/DRAM/Package Buffer(MB):32/128/0.5125 Buffer Memory: 0.5125MB, Mac address:8K Jumbo Frame: 9216K Switching Capacity: 20Gbps, Forwarding Rate:14.88 Mpps	
L2 Feature	Auto Negotiation, Auto MDI/MDI-X, Back-Pressure for halfduplex mode IEEE802.3x, Flow Control IEEE802.3ad, Link Aggregation(LACP) Port Trunk (Static Link Aggregation) Protocol-based VLAN, Voice VLAN VLAN port isolation (PVE) IEEE802.1q, Tag-based VLAN, Q-in-Q (double tag) VLAN IGMP Snooping v1/v2, IGMP Querier/Proxy IEEE802.1d, STP, IEEE802.1w, RSTP, IEEE802.1s, MSTP MLD v1/v2 snooping, MVR DHCP L2 relay (Option 82)	
QoS	Priority Queues:8 Hardware Strict Port Priority Traffic classification based on IEEE 802.1p CoS, DSCP Supports WRR	
Security	IP Source Guard, RADIUS, TACACS+ Supports IEEE802.1x and MAC-based Authentication Mac Address/IP Filtering DHCP Snooping Storm Control, Loop Protection	
PoE	Port Configuration PoE Scheduling Auto-checking Power Delay	
Management	Cable Diagnostics, DHCP L2 relay (Option 82) Firmware Upgradable and down gradable via TFTP/HTTP Supports LLDP (IEEE802.1ab) SNMP(V1/V2/V3), RMON (groups 1, 2, 3, and 9) Port mirroring: one to one and many to one Event log: syslog Loop detection and prevention, UPnP Dual Image HTTPS/SSL/SSH Device Management System (DMS)-Graphical Monitoring/Traffic Monitoring/Trouble Shooting IPv6 Management	
Environment	Operating: 0~50°C, Storage: -20~70°C Operating: 10~90% (Non-Condensing)	
Power	AC power 100 to 240 V, PoE power budget max. 130 watts	
Dimension	220 x 242 x 44 mm (W X D X H)	
Weight	1746.5 g	
Emission	CE	

The product specifications are subject to change without prior notice

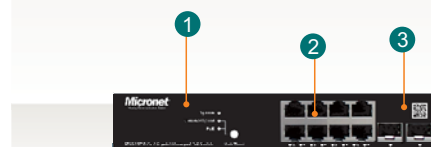
ORDERING INFORMATION

Model	Description
SP6510P	10-Port Gigabit Managed PoE Switch
M363A	1000Base-SX SFP Transceiver, 550M
M363B-X	1000Base-LX SFP Transceiver, X=10/20/40 KM

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Making Communication Easier



10-Port Gigabit Managed PoE Switch

Model SP6510P

- ① LED Indicator
- ② Gigabit RJ-45 Port
- ③ SFP Port

COMPANION PRODUCTS

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

Ethernet and PoE

Wireless LAN

Broadband · ADS & VDSL

Network Video Surveillance

Network / Server / Appliance

Network / Structured Cabling

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