

MS8P8

PoE Switch



MS8P8 Management PoE switch is a cutting-edge 2.5G L3 network switch meticulously engineered to meet the exacting demands of high-performance gigabit networks. With 8 full 2.5G RJ45 ports, it offers a comprehensive security protection system, an optimized QoS strategy, and a versatile VLAN function. Designed for streamlined management and maintenance, it's well-suited for deployment in small and medium enterprises, as well as the core layers of communities and schools.

MS8 Hardware Specification

Port	8 *10/100/1000/2500Base-TX port
PoE Standards	Port1 : IEEE802.3af/at/PoE++/bt Port2~8 : IEEE802.3af/at
Console port	1*Console RJ45
Reset Key	1
Bandwidth	80Gbps
Packet Forwarding	28.8Mpps
Buffer	12M
Operating temperature	-10°C ~55°C
Storage temperature	-40°C ~75°C
Operating humidity	5%~90% Non-coagulation
Storage humidity	5%~95% Non-coagulation
Product size	223*113*28mm
Weight	1.55kg
Power in	AC 100~240V 50~60Hz
Power	≤120W

MS8 Software Specification

Protocol Standard	IEEE 802.3x IEEE 802.3 、 IEEE 802.3u 、 IEEE 802.3ab 、 IEEE 802.3z IEEE 802.3ad IEEE 802.3q 、 IEEE 802.3q/p IEEE 802.1w 、 IEEE 802.1d 、 IEEE 802.1s
MAC Address	16K MAC addresses; MAC address learning and aging

VLAN	4k VLANs; Port-based VLANs; 802.1Q VLAN
Spanning Tree	STP(Spanning Tree Protocol)
	RSTP/MSTP(Rapid Spanning Tree Protocol)
	ERPS ring network protocol
	EAPS ring network protocol
	802.1x argumentation agreement
Port Mirror	Many-to-one port mirroring
Management	Central management by PrismX
	■ Auto Discover by PrismX
	■ Port Status Display
	■ Each Port On/Off
	■ Port VLAN Setting
	■ IP address Setting
	■ Device Name
	■ Power Budge Status
	■ Reboot
	■ Factory default

Full 2.5Gigabit Transmission

Featuring 8* 10/100/1000/2500M adaptive RJ45 ports, each with line-speed forwarding capacity, the switch ensures seamless connectivity while safeguarding user investments with its flexibility and convenience.

Powerful VLAN Capabilities

Compliant with IEEE 802.1Q VLAN standards, the switch meets the diverse needs of users, enhancing network convenience, efficiency, and security.

Reliability Design

Utilizing STP/RSTP/MSTP two-layer link protection technology, the switch significantly enhances fault tolerance and redundancy, ensuring stable network operation. It offers static and dynamic aggregation to increase link bandwidth and reliability, facilitating load balancing and link backup. Support for multicast management through IGMP Snooping technology effectively mitigates multicast overload caused by network congestion.

Excellent PoE Power Supply Performance

With PoE features compliant with IEEE 802.3af/at/bt standards, the switch automatically detects and supplies power to compatible equipment. Intelligent power supply management enables flexible scheduling, restart conditions, and shutdown conditions, adapting seamlessly to complex office environments. The PoE watchdog function ensures uninterrupted network operation by automatically restarting port power supply in the event of device crashes, ensuring rapid network restoration without manual intervention.