Air Pro®

Simple | Secure | Trusted

New Generation Web Smart Switch

PRODUCT OVERVIEW

AP-SG4500WM Series Switches are a new generation of Web Smart switches from AirPro. The series supports reliable network connection and integrates advanced green, energy-efficient technologies. Designed to deliver high performance, simplified web-based management, and cost-effective Gigabit Ethernet connectivity, the SG4500WM series is well suited for small and medium-sized business (SMB) networks.

Appearance	Description
AP-SG4500WM-10GT-P-2SFP	• 8x10/100/1000Base-T+2x100/1000Base-X (SFP) • PoE+, up to 120w • AC Power adapter • Switching capacity: 20Gbps • Forwarding rate: 14.88Mpps

KEY FEATURES AND BENEFITS

Green Energy
AP-SG4500WM series Ethernet switch complies the IEEE 802.3az (Energy Efficient Ethernet) standard, which greatly reduces equipment power consumption and is green and energy-saving. Fully considering the low-noise requirements of the user environment, AP-SG4500WM mod-els adopt a fanless silent design to reduce noise pollution.

Redundant backup, stable and reliable
Supports link aggregation networking with 2 uplink ports to enhance the robustness and high reliability of user network structures.

Flexible working modes for rapid configuration
Standard: default mode with port negotiation enabled.
Monitor: port isolation enabled on downlink ports and port aggregation enabled on uplink ports (2 SFP ports)
Aggregation: port aggregation enabled on uplink ports (2 SFP ports)
Isolation: port isolation enabled on downlink ports

IGMP snooping
Bandwidth consumption will be reduced in a multi-access LAN environment so as to avoid flooding the entire VLAN.

Loopback detection
It avoids the loopback issues on single port or dual ports

Enhanced power over Ethernet (PoE+) and monitoring
AP-SG4500WM series provide a maximum output power of 30W per port. The Realtime total PoE powers and rest powers can be monitored via web page.

Fast PoE powering
The switches can supply power to PDs less than 10 seconds when they are powering on.

Uninterrupted powering
When the switch is rebooting, PDs will be kept on working mode without break.

PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-SG4500WM-10GT-P-2SFP
Ports	8 x 10/100/1000 Base-T + 2x100/1000Base-X (SFP)
MAC addresses	8K
Switching Capacity	20Gbps
Forwarding Rate	14.88Mpps
VLAN	Port-based & IEEE802.1Q
Standard & Protocol	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1Q
DHCP	IPv4/IPv6 DHCP Client
Multicast	IGMP snooping
Traffic control	Port bandwidth control
Security	DHCP snooping Storm suppression
Port Management	Monitoring of port status and statistics
Management	Web, Telnet, Cloud
Green Energy	802.3az EEE
Cooling	Passive
Dimension (W*D*H)	266*160.8*44mm
Environment	Working 0°C~50°C, 10%~90%, non-condensing Storage -40°C~70°C, 5%~90%, non-condensing
Power Supply	Power adapter. AC input: 100-240V, 50-60Hz DC output: 54V/2.4A
Power Consumption	≤130W
PoE	802.3af/at PoE output: 120W Monitor realtime powers

ORDER INFORMATION

Product	Description
AP-SG4500WM-10GT-P-2SFP	Web smart PoE switch, 8 Gigabit electrical ports + 2 Gigabit SFP optical ports, IEEE 802.3af/at, Maximum PoE power supply 120W, External power adapter, web management, Cloud manage-ment.

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