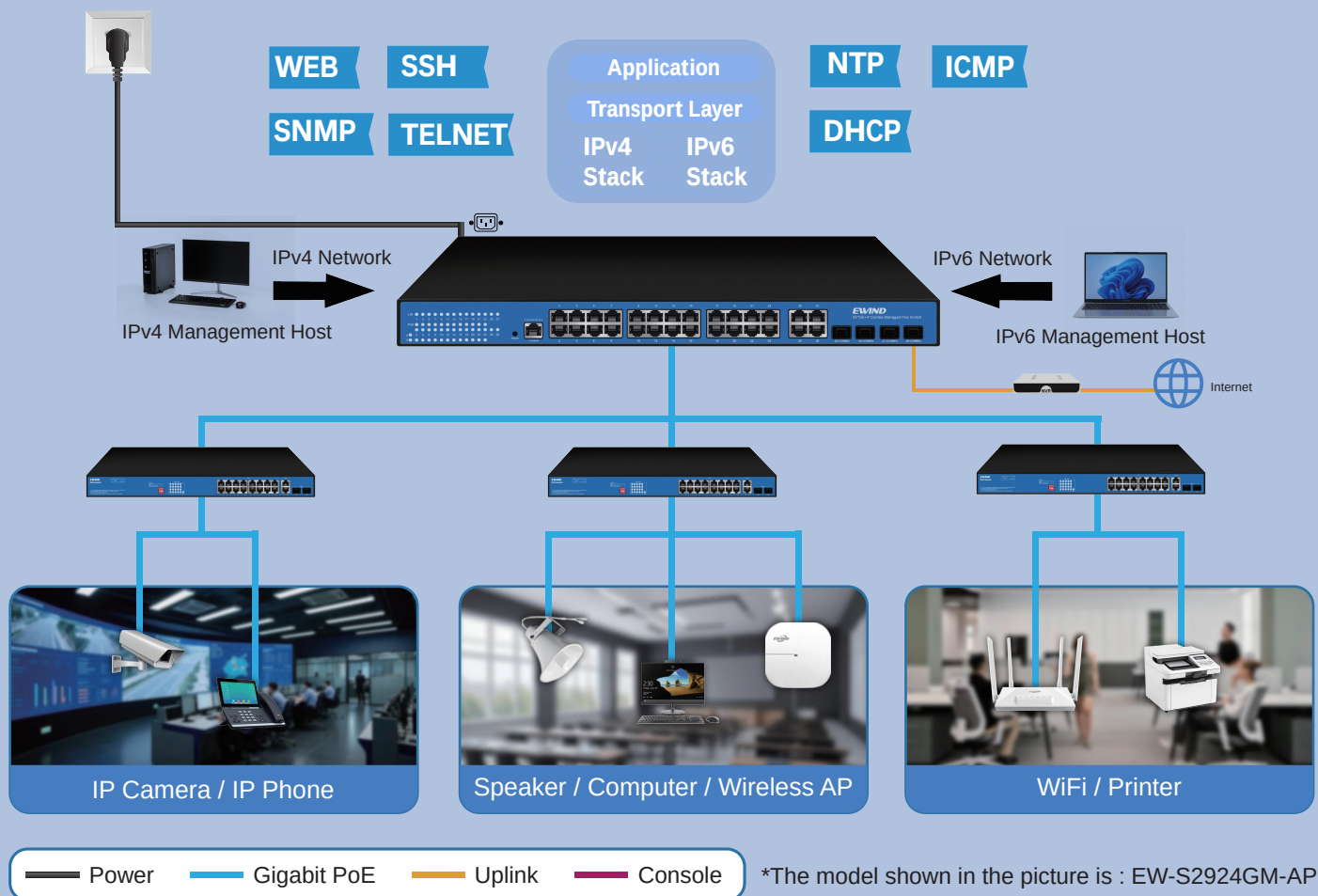


Full Gigabit Layer 2+Managed PoE Switch

This series of products are all gigabit-level L2+ managed POE fiber switches. They feature 1000 Mbps POE ports and SFP fiber slot ports. The POE power supply capacity of a single port can reach 30 watts. The management function has L2+ full network management capabilities, supports IPV4/IPV6 management, full-line static routing rate forwarding, security protection mechanisms, complete ACL/QoS policies and rich VLAN functions, and is easy to manage and maintain. It supports various network redundancy protocols such as STP/RSTP/MSTP (<50 milliseconds) and (ITU-T G.8032) ERPS to enhance link backup and network reliability. When a single-direction network fails, communication can be quickly restored to ensure uninterrupted communication for critical applications. According to actual application requirements, various application services can be configured through the network management interface, such as PoE power management, port traffic control, VLAN partitioning and SNMP, etc.



Features

• Manage Function

Support QOS, STP/RSTP, IGMP, DHCP, SNMP, WEB, VLAN, ERPS etc.

• PoE Port Function

POE port can be real-time network management, timed on/off, can force POE working mode, real-time display of POE port power

Technical Specifications

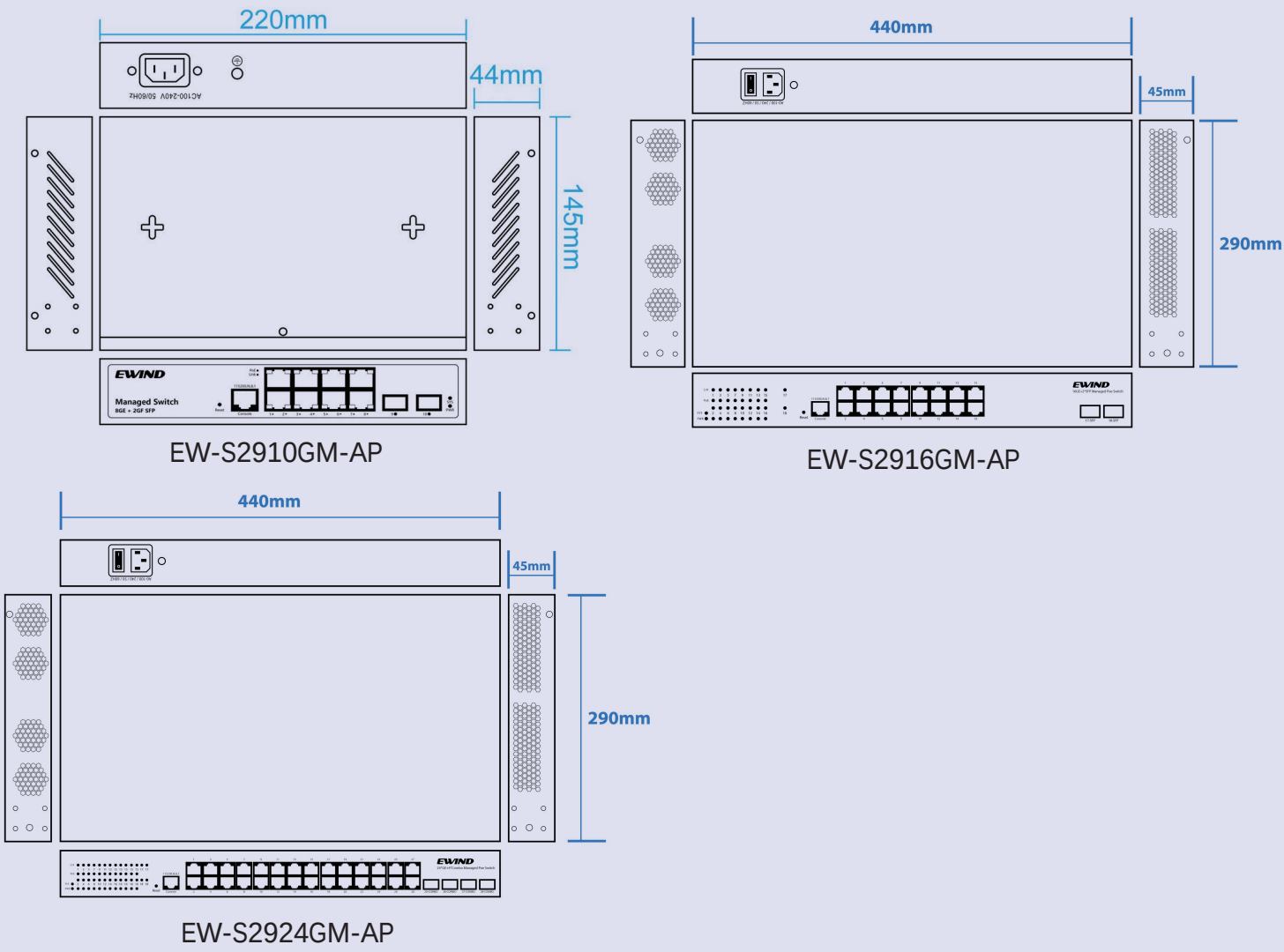


Model	EW-S2910GM-AP	EW-S2916GM-AP	EW-S2924GM-AP
PoE Ports	8*10/100/1000Mbps	16*10/100/1000Mbps	24*10/100/1000Mbps
Uplink Ports	2*100/1000Mbps SFP Ports	2*100/1000Mbps SFP Ports	4*combo ports
Console Port	1 * RS232 console port	1 * RS232 console port	1 * RS232 console port
Switching Capacity	20Gbps	36Gbps	56Gbps
Forwarding Rate	14.88Mpps	26.78Mpps	41.67Mpps
MAC Address Table	8K	8K	8K
Buffer Memory	4.1M	4.1M	4.1M
Jumbo Frame	10K	10K	10K
Power Consumption	Standby:<5W;Full load:<120W.	Standby:<12W;Full load:<400W	Standby:<16W;Full load:<400W.
Dimension	220*145*44mm	440*290*45mm	440*290*45mm
Net /Gross Weight	<1.7kg / <2.2kg	<4.5kg / <5kg	<4.5kg / <5kg
LED Indicator	Power: PWR (green), system: SYS (yellow), network: Link (yellow), fiber port: L/A (green), PoE: PoE (green), rate: Speed (green)		
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T;IEEE802.3z 1000Base-XIEEE802.3x		
Ethernet Port Feature	10/100/1000Base-T(X), Auto-sensing,Full/half duplex MDI/MDI-X self-adaption		
SFP Slot Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)		
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter); 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)		
Optical Fiber Cable	Multi-mode: 850nm 0 ~ 550M,Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.		
Power Supply Pin	Default 1/2(+), 3/6(-).		
Power Supply	Build-in power supply AC100~240V 50-60Hz.		
Operation TEMP/Humidity	-20~+55°C:5%~90% RH non condensing		
Storage TEMP/Humidity	-40~+75°C:5%~95% RH non condensing		
Installation Method	Desktop, 19-inch 1U cabinet		
Lightning protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge; IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV.		
Protection Level	IP30		
Certification	CCC;CE mark,commercial;CE/LVD EN60950;FCC Part 15 Class B;RoHS.		
Warranty	3 years,lifetime maintenance.		

Technical Specifications

Model	EW-S2910GM-AP	EW-S2916GM-AP	EW-S2924GM-AP
PoE Management	Total power limit of PoE power supply;PoE output power allocation, off& af &at PoE output priority configuration;PoE working status;Delay start of power supply;Scheduling of PoE operation and time		
Interface	IEEE802.3X (Full-duplex);Broadcast storm control based on port speed;Port green Ethernet Energy-saving setting The speed limit of the message flow in the access port;The minimum particle size is 64Kbps; Port temperature protection setting		
Layer 2 Features	L2+ network management, IPV4/IPV6 management Static route, Default route @ 128 pcs, APR @ 1016 pcs		
VLAN	4K VLAN based on port, IEEE802.1q;VLAN based on the protocol;VLAN based on MAC Voice VLAN, QinQ configuration;Port configuration of Access, Trunk, Hybrid		
Port Aggregation	LACP, Static aggregation;Max 5 aggregation groups and 8 ports per group.		
Spanning Tree	STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)		
Industrial Ring Network Protocol	G.8032 (ERPS), Recovery time less than 20ms,255 Ring at most, Max 1024 devices per ring.		
Multicast	IGMP Snooping v1/v2, Max 1024 multicast groups, Fast log out;MLD Snooping v1/v2, Multicast VLAN		
Port Mirroring	Bidirectional data mirroring based on port		
QoS	Diff-Serv QoS, Priority Mark/Remark;8*Output queues of each port;802.1p/DSCP priority mapping Queue Scheduling Algorithm (SP, WRR, SP+WRR);Flow-based Packet Filtering;Flow-based Redirection; Flow-based Rate Limiting		
ACL	L2 to L4 packet filtering, matching first 80 bytes message. Provide ACL based on MAC, Destination MAC address, IP Source, Destination IP, IP Protocol Type, TCP/UDP Port, TCP/UDP Port Range, and VLAN, etc. Port-based Issuing ACL.ACL based on port and VLAN		
Security	User hierarchical management and password protection SSH 2.0,Port isolation,ARP message speed limit Broadcast storm control, Backup for host datum IEEE802.1X & MAC address authentication Mac black holes, IP source protection AAA & RADIUS, MAC learning limit ARP inspection,Anti-DoS attack IP-MAC-VLAN-Port binding		
DHCP	DHCP Client, DHCP Snooping,DHCP Server,DHCP Relay		
Management	One-key recovery;Cable Diagnose, LLDP Web Management (HTTPS) NTP, System work log, Ping Test CPU instant utilization status view Console/AUX Modem/Telnet/SSH2.0 CLI Download & Management on FTP, TFTP, Xmodem, SFTP, SNMP V1/V2C/V3		
System	Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42 or higher, Microsoft Internet Explorer10 or later; Category 5 Ethernet network cable TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, or Mac OS X) installed on each computer in a network		

Appearances and Dimensions



Packing list

CONTENT	QTY	UNIT
Full Gigabit Layer 2+Managed PoE Switch	1	SET
User Guide and Warranty Card	1	PC
Hanging Ear	1	PAIR

Contact us

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