

30 Ports Gigabit L3 Managed PoE Switch

24*2.5GE + 6*10G SFP Ports Managed PoE Switch



- 24*10/100/1000/2500M POE + 6*1G/2.5G/10G SFP+ slot Managed PoE Switch; Port 1-24 support IEEE 802.3af/at(1-8 Port support BT 90W);
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z standards;
- PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- Support QOS, STP/RSTP, IGMP, DHCP, SNMP, WEB, VLAN, ERPS etc.;
- The power supply total is 450W;
- 3 years warranty.

RoHS **FC** **CE**

Introduction

The EW-S57930TM-AP is an L3 managed PoE switch. It has 24*10/100/1000/2500 Base-T downlink ports and 6*10Gbps SFP+ uplink ports. Its ports 1-24 have PoE power supply function and support the IEEE802.3af/at/bt standard (ports 1-8 support IEEE802.3bt). Using store and forward technology, combined with dynamic memory allocation, to ensure effective bandwidth allocation to each port. Support three-layer routing function, provide comprehensive security policies, perfect QoS policies, and rich VLAN functions, easy to manage and maintain, meet the networking and access requirements of enterprises, residential areas, hotels, office networks, and park networks.

TECHNICAL SPECIFICATION

Model	EW-S57930TM-AP
Fixed Port	8*10/100/1000/2500 Base-T ports(POE/POE+/POE++) 16*10/100/1000/2500 Base-T ports(POE/POE+) 6* 1G/10 GE Base-X SFP+ ports
Console	1
Reset	1
Max Output Power(single port)	30W/90W
Total Power Consumption	450W
PoE Pin-out	1/2(+),3/6(-)

Box Switching capacity	792Gbps
Port Switching capacity	240Gbps
Forwarding Rate	178.6Mpps
Flash/RAM	64MB/512MB
Temperature	Operating temperature: (0 - 45)°C Storage temperature: (-40 - 70)°C
Humidity	Operating humidity: (10% - 90%) RH, non-condensing Storage humidity: (5% - 90%) % RH, non-condensing
Dimensions(L*W*H)	440mm*285mm*44mm
Power	AC:100~240VAC,50~60Hz
Power consumption	450W output the whole device
Weight	<5.5Kg
Lightning protection	6KV
MAC address table	32K
LED Indicator	Power, System , Link/Act, POE
Managed Series Feature	
Forwarding mode	Store-and-forward
MAC Address	Static configuration and dynamic MAC learning(16K) MAC browsing and removal Configurable aging time of the MAC address
Jumbo frame	12K
Port Characteristics	Support outbound and inbound port speed limit Support outbound and inbound port speed limit IEEE 802.3x traffic control for Full-Duplex mode Back-pressure traffic control for Half-Duplex mode Storm suppression for unknown Unicast, multicast, multicast, broadcast type Storm suppression based on bandwidth regulation and storm filtering
Port Aggregation	Support port aggregation Support static aggregation Support dynamic aggregation(LACP) Support source MAC payload Support destination MAC payload Support based on source and destination MAC load Support load based on IP address

VLAN	4K support VLAN Port-based VLAN MAC-based VLAN Protocol-based VLAN VLAN based on IP subnet Voice VLAN 802.1ad(QinQ)fixed
Layer 2 Ring Network Protocol	802.1d STP, 802.1w RSTP, 802.1s MSTP Port Fast, Uplink Fast, Backbone Fast BPDU Guard, BPDU Filter, Root Guard Standard ERPS ERPS single ring single instance ERPS single-ring multiple instances
IP Routing(IPv4)	Inter vlan Multi IP Default route Policy routing Static routing
IPv6	IPv6-Ping,IPv6-Tracert,IPv6-Telnet,IPv6-TFTP,IPv6-ICMP
Multicast	IGMP V1/2(Snooping) IGMP Proxy
DHCP	DHCP Server DHCP Client DHCP Relay DHCP Snooping
Mirror	Support port mirroring for incoming port packets Support port mirroring for outgoing port packets Support port mirroring for inbound and outbound packets Support multi-to-one destination port mirroring Support CPU mirroring
ACL/QoS	Access list based on source mac Mac access list based on ethertype Ip access list-standard ACL Whether to support the access list of the time period ACL verification of source IP address ACL verification of the destination IP address ACL verification of source port ACL verification of the destination port Support 802.1P (CoS) priority marking Support DSCP priority re-marking Support 802.1P/DSCP priority mapping Support Qos based on COS/DSCP Support 8 queues Support SP, WRR, SP+WRR and other scheduling modes Support congestion avoidance mechanisms such as Tail-Drop and WRED (*)

Safety Features	Support port-based 802.1X local authentication Support 802.1X remote authentication Support port-based MAC address filtering Authentication based on MAC address Support Radius authentication Loop detection (private) Support port isolation Single port isolation Multiple groups of port isolation Port security ARP Aing/Bnding/Proxy Support storm suppression for multicast/unknown unicast/broadcast
Energy saving	IEEE 802.3az
Management and Maintenance	CLI: Console, Telnet, SSHv1/2 Web-GUI: HTTP, HTTPS SNMPv1/v2 SNMP Alarm/Inform/Traps Support LLDP NTP v1/2 System log (operation log, alarm log) Support user hierarchical management and password protection Support restore to factory mode
POE	Support 802.11af/at/bt Power Supply Power and data at the same time Power supply pin 1/2(+), 3/6(-) POE intelligent diagnosis POE timing restart Single port output maximum power 90W(1-8 port) Power priority setting

PACKING LIST

CONTENT	QTY	UNIT
30 Ports L3 Managed PoE Switch with SFP+ (EW-S57930TM-AP)	1	SET
Hanging Ear	1	PAIR
User Guide	1	PC
Warranty Card	1	PC

