

SWITCH POE 8P+2SFP D

8 ports PoE Gigabit Switch



SWITCH POE 8P+2SFP D is a managed AI PoE switch specially designed for security transmission. It supports PoE power supply requirements and Gigabit uplink ports, supports complete security protection mechanisms, complete ACL/QoS policies and rich VLAN functions.

Model	SWITCH POE 8P+2SFP D	
Network Interface	• 8 10/100/1000Mbps RJ45 ports	• 2 Gigabit SFP fiber ports
Protocol standard	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3ad, IEEE802.3x, IEEE802.3af/at, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d, IEEE802.1s	
Performance		
Backplane bandwidth	20Gbps (non-blocking)	
Packet forwarding rate	14.9Mpps	
MAC address table	8K	
Port cache	4.1Mb	
Forwarding mode	Store and forward	
LED indicator	• 10 Link/Act indicator • 8 PoE indicator	• 1 Power indicator • 1 SYS indicator
PoE pin	1/2 (+), 3/6/(-)	
Power support	• Single port maximum output power : 30W	• The maximum power of the whole machine : 96W
Physical		
Dimensions (LxWxH)	225mmx120mmx35mm	
Working temperature	0°C~40°C	
Storage temperature	-40~70°C	
Working humidity	10%~ 90% RH without condensation	
Storage humidity	5%~90% RH without condensation	
Safety regulations	CE/ROHS/FCC	
Software		
Protocol standard	<ul style="list-style-type: none"> • IEEE 802.3:Ethernet media access control (MAC) protocol • IEEE 802.3i:10BASE-T Ethernet • IEEE 802.3u:100BASE-TX Fast Ethernet • IEEE 802.3ab:1000BASE-T gigabit Ethernet • IEEE 802.3z:1000BASE-X gigabit Ethernet (optical) • IEEE 802.3ad:perform link aggregation standard way • IEEE 802.3x:flow control 	<ul style="list-style-type: none"> • IEEE 802.1p:LAN Layer 2 QoS/Cos protocol for traffic prioritization (multicast filtering function) • IEEE 802.1q:VLAN bridge operation • IEEE 802.1d:STP spanning tree • IEEE 802.1s:MSTPspanning tree • IEEE 802.1w:RSTPspanning tree • IEEE 802.3af • IEEE 802.3at
One-click shortcut function	<ul style="list-style-type: none"> • AI VLAN • AI Extend 	<ul style="list-style-type: none"> • AIPoE • AI QoS
DHCP	Supports DHCP Snooping	
VLAN	<ul style="list-style-type: none"> • Supports 4K VLAN • Supports 802.1Q VLAN, MAC VLAN ,IP VLAN 	• Voice VLAN
MAC address table	<ul style="list-style-type: none"> • Follows IEEE 802.1d standard • Supports MAC address automatic learning and aging 	• Supports static, dynamic, filtering address table

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Safety features	<ul style="list-style-type: none"> • Password protection • Supports to restrict user access based on port number, IP address, MAC address • Supports HTTPS, SSL V3, TLS V1, SSH V1/V2 • Supports IP-MAC-PORT ternary binding 	<ul style="list-style-type: none"> • Supports ARP protection, IP source protection, DoS protection • Supports DHCP Snooping, DHCP attack protection • Supports 802.1X, AAA • Supports port security and port isolation
PoE management	<ul style="list-style-type: none"> • Supports PoE total power limit • Supports PoE chip status check 	<ul style="list-style-type: none"> • Supports setting PoE port priority • Supports setting PoE power supply time period
Access control (ACL)	<ul style="list-style-type: none"> • Supports L2 (Layer 2) ~ L4 (Layer 4) packet filtering function 	<ul style="list-style-type: none"> • Supports port mirroring, port redirection, flow rate limit, QoS remarking
Service quality (QoS)	<ul style="list-style-type: none"> • Supports 8 port queues • Supports port priority, 802.1P priority, DSCP priority 	<ul style="list-style-type: none"> • Supports SP, WRR, WFQ priority scheduling algorithm
Spanning tree	<ul style="list-style-type: none"> • Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocols 	<ul style="list-style-type: none"> • Supports loop protection, root bridge protection, TC protection, BPDU protection, BPDU filtering
Multicast	<ul style="list-style-type: none"> • Supports IGMP v1/v2 Snooping • Supports multicast VLAN 	<ul style="list-style-type: none"> • Supports multicast filtering, packet statistics, unknown multicast discard
Storm suppression	<ul style="list-style-type: none"> • Supports multicast suppression • Supports broadcast suppression 	<ul style="list-style-type: none"> • Supports unknown unicast suppression
Link aggregation	<ul style="list-style-type: none"> • Supports static aggregation • Supports dynamic aggregation 	<ul style="list-style-type: none"> • Supports Support based on IP, MAC, mixed load balancing mode • Supports A maximum of 32 aggregation groups are supported
IPv6	<ul style="list-style-type: none"> • Supports IPv6 Ping, IPv6 Tracert, IPv6 Telnet 	<ul style="list-style-type: none"> • Supports IPv6 SSH, IPv6 SSL
Management and maintenance	<ul style="list-style-type: none"> • Supports WEB network management (HTTP, HTTPS, SSL V3) • Supports CLI (Telnet, SSH V1/V2) • Supports SNMP V1/V2/V3 • Supports LLDP, RMON 	<ul style="list-style-type: none"> • Supports ARP protection, IP source protection, DoS protection • Supports CPU monitoring, memory monitoring • Supports system log, graded warning • Supports Ping, Tracert detection, cable detection