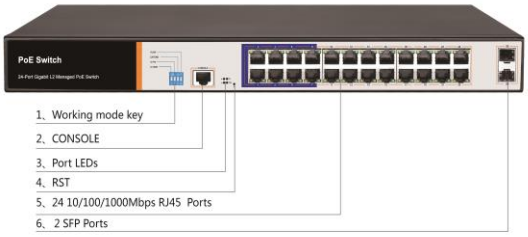
24 Port Gigabit Layer 2 Managed AI PoE Switch



Features

- 24 10/100/1000Mbps RJ45 port support PoE+
- Support VLAN
- Bandwidth：52Gbps
- Each port max. power supply reached 46W.
- Support lightning protection 6KV

Application

- Wireless Access Point
- IP Camera
- IP Phone
- Computer Networks

Product code **7900**

Hardware Specification	
Network standard	IEEE 802.3i IEEE 802.3u IEEE 802.3x
	IEEE 802.3ab IEEE 802.3af IEEE 802.3at
Port	24 10/100/1000Mbps RJ45 port
	2 gigabit SFP
	1 Console
PoE	24 10/100/1000Mbps RJ45 port support PoE+
	Max 250W
	Single port max 46W
LEDs	26 Link/Act LEDS
	24 POE LEDs
	1 SYS LED
	1 Power LED
Performance	Forwarding mode: store and forward
	Bandwidth：52Gbps
	Packet forwarding rate：38.688Mpps
	8K MAC address table
Lightning protection	6KV
Input	100-240V/50-60Hz
Dimension（L×W×H）	440mm×180mm×44mm
Software Specification	
Protocol Standard	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 (fiber)
	IEEE 802.3ad:Standard method for performing link aggregation
	IEEE 802.3x:flow control
	IEEE 802.1p:LAN Layer 2 Qos/Cos protocol for traffic priority (multicast filtering)
	IEEE 802.1q:VLAN
	IEEE 802.1d:STP Spanning tree
	IEEE 802.1s:MSTP Spanning tree
	IEEE 802.1w:RSTP Spanning tree
	IEEE 802.3af
	IEEE 802.3at
Shortcut Function	One key VLAN
	One key CCTV(1-8 port 250meters PoE distance)
	One key AI power supply
	One key QOS (Video priority)
DHCP	Support DHCP Snooping

Technical Data Sheet

VLAN	Support 4K VLAN
	Support 802.1Q VLAN, MAC VLAN , IP VLAN
	Voice VLAN
MAC address table	Comply the IEEE 802.1d standard
	Support MAC address learning and aging automatically
	Support static, dynamic, filter address table
Safety	Password protection
	Support based on the port number, IP address, MAC address restrictions on user access
	Support HTTPS, SSL V3, TLS V1, SSH V1/V2
	Support IP-MAC-PORT ternary binding
	Support ARP protection, IP source protection, DoS protection
	Support DHCP Snooping, DHCP attack protection
	Support 802.1X certificated, AAA
	Support port security, port isolation
	Support CPU protection
POE management	Support POE power limit
	Support POE chip status view
	Support setting PoE port priority
	Support setting PoE power supply time period
Access control (ACL)	Support L2 (Layer 2) ~ L4 (Layer 4) packet filtering
	Support port mirroring, port redirection, flow rate limiting, QoS re-marking
Quality of Service (QoS)	Support 8 port queue
	Support port priority, 802.1p priority, DSCP priority
	Support SP, RR, WR, WFQ Priority scheduling algorithm
Spanning Tree	Support STP(IEEE 802.1d) , RSTP(IEEE 802.1w) and MSTP(IEEE 802.1s) protocol
	Support loop protection, root bridge protection, TC protection, BPDU protection, BPDU filtering
Multicast	Support IGMP v1/v2 Snooping
	Support fast leave mechanism
	Support multicast VLAN
	Supports multicast filtering, packet statistics, and unknown multicast discards.
Storm suppression	Support multicast suppression
	Support broadcast suppression
	Support unknown unicast suppression
Link aggregation	Support static aggregation
	Support dynamic aggregation
	Support IP, MAC, and hybrid load balancing modes
	Supports up to 32 aggregation groups
IPv6	Support IPv6 Ping, IPv6 Tracert, IPv6 Telnet
	Support IPv6 SSH , IPv6 SSL
Management and maintenance	Support WEB network management (HTTP, HTTPS, SSL V3)
	Support CLI (Telnet, SSH V1/V2, local serial port)
	Support SNMP V1/V2/V3
	Support LLDP, RMON
	Support ARP protection, IP source protection, DoS protection
	Support CPU monitoring, memory monitoring
	Support system log, grading warning
	Support Ping, Tracert detection, cable detection

Technical Data Sheet

* Product housing specifications are subject to change without prior notice.