



S5700-24GP-4FR 24-Port Gigabit Layer 3 Managed PoE Switch

- 24 10/100/1000Mbps RJ45 ports (POE)
- 4 Gigabit SFP fiber ports
- Meet the user's requirements for easy management, high security, and low cost of network equipment
- All ports support 6KV lightning protection



Description

Overview

The product adopts a new generation of high- performance hardware and software platform,provides flexible and cost- effective full-gigabit access and uplink ports.



Switch backplane bandwidth	Packet forwarding	switch port
56Gbps	252Mpps	24 10/100/1000Mbps RJ45 ports (POE)
Working Humidity	Dimensions (W × D × H)	4 Gigabit SFP fiber ports
10% ~ 90% RH nun-condensing	440mm×320mm×44mm	

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24-port Gigabit Layer 3 Managed PoE Switch



APPLICABLE SCENARIOS

It is the best choice for PoE networking in hotels, campuses, factory dormitories, and small and medium-sized enterprises.



HIGHLIGHT FEATURES

- 24 10/100/1000Mbps RJ45 ports (POE)
- 4 Gigabit SFP fiber ports



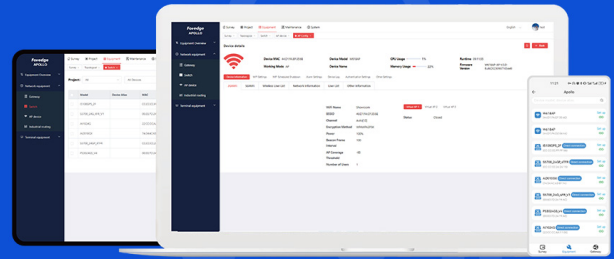
HIGH END CHIPS

High end chips with more stable and powerful performance

Fovedge

APOLLO CLOUD SYSTEM MANAGEMENT PLATFORM

Supports one-stop management on the Apollo cloud platform.



PERFECT SECURITY MECHANISM



252MPPS

Packet forwarding: 252Mpps





10%~90% RH

WORKING HUMIDITY:
10%~90% RH non condensing



Specifications

Hardware Specifications	
Network Interface	● 24 10/100/1000Mbps RJ45 ports (POE) ● 4 Gigabit SFP fiber ports ● 1 Console port
Network protocol standard	● IEEE 802.3、IEEE 802.3i、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z、IEEE 802.3ad、IEEE 802.3x、IEEE 802.1p、IEEE 802.1q、IEEE 802.1d、IEEE 802.1s、IEEE 802.1w、IEEE 802.3af、IEEE 802.3at
Performance Specifications	● Bandwidth : 56Gbps ● Packet forwarding rate : 41.7Mpps ● MAC address table : 16K ● Port cache : 12Mb ● Forwarding Mode: Store and Forward
LED Indicator light	● 28 Link/Act indicators ● 24 PoE Indicator light ● 1 Power indicator ●1 SYS indicator
POE Pin	● 1/2 (+) , 3/6 (-)
Power support	● Input power : AC 100-240V/50-60Hz ● Single port maximum output power : 30W ● The maximum power of the whole machine : 360W
Physical Specifications	● Dimensions (LxWxH) : 440mm×320mm×44mm
Environmental Specifications	● Operating temperature : 0°C~40°C ● Storage temperature : -40°C~70°C ● Working humidity: 10%~ 90% RH non-condensing ● Storage humidity: 5%~90% RH non-condensing

Safety regulations	● CE/ROHS/FCC
Software Specifications	
Protocol standard	IEEE 802.3:Ethernet Media Access Control (MAC) Protocol IEEE 802.3i:10BASE-TEthernet IEEE 802.3u:100BASE-TXFast Ethernet IEEE 802.3ab:1000BASE-TGigabit Ethernet IEEE 802.3z:1000BASE-XGigabit Ethernet (SFP) IEEE 802.3ad:Standard way to perform link aggregation IEEE 802.3x:flow control IEEE 802.1p:LAN Layer 2 QoS/Cos protocol for traffic prioritization (multicast filtering function) IEEE 802.1q:VLANBridge operation IEEE 802.1d:STP Spanning tree IEEE 802.1s:MSTP Spanning tree IEEE 802.1w:RSTP Spanning tree IEEE 802.3af&at
One-click shortcut function	AI VLAN AI Extend AI PoE AI QoS
Layer 3 interface	Support Layer 3 interface Support IPv4, IPv6 address configuration Support ARP configuration ND configuration supported
Layer 3 routing	Support IPv4 static routing Support IPv4 dynamic routing RIP v1/v2 Support IPv4 dynamic routing OSPFv2 Support IPv6 static routing Support IPv6 dynamic routing RIPng Support IPv6 dynamic routing OSPFv3
Software Specifications	
VLAN	Support 4K VLAN Support 802.1QVLAN、MAC VLAN ,IPVLAN, Voice VLAN
DHCP	Support DHCP server Support DHCP relay

	Support DHCP Snooping
MAC address table	Follow IEEE 802.1d standard Support MAC address automatic learning and aging Support static, dynamic, filtering address table
Safety features	Password protection Support IP-MAC-PORT ternary binding Support ARP protection, IP source protection, DoS protection Support DHCP Snooping, DHCP attack defense Support port security and port isolation Support CPU protection function
PoE manage	Support PoE power limit Support PoE chip status check Support setting PoE port priority Support setting PoE power supply time period Support intelligent power supply
(ACL)	Support L2 (Layer 2) ~ L4 (Layer 4) packet filtering function Support port mirroring, flow rate limiting, QoS remarking
(QoS)	Supports 8 port queues Support port priority, 802.1P priority, DSCP priority Support SP, WRR, SP+WRR, WFQ priority scheduling algorithm
spanning tree	Support STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocols Support loop protection, root bridge protection, TC protection, BPDU protection, BPDU filtering Support optical port 50ms switching
Software Specifications	
Multicast	Support IGMP v1/v2/v3 Snooping Support MLD v1/v2 Snooping Fast leave mechanism and querier supporting Layer 2 multicast Support Layer 2 IPv4 static multicast Support Layer 2 IPv6 static multicast Support IGMP v1/v2/v3 Layer 3 Multicast
Storm suppression	Support multicast suppression Support broadcast suppression Support unknown unicast suppression
Link	Support static aggregation

aggregation	Support dynamic aggregation Support based on IP, MAC, mixed load balancing mode A maximum of 32 aggregation groups are supported
IPv6	Support Pv6 Ping、IPv6 Tracert、IPv6 Telnet
Management and maintenance	Support LLDP device discovery Support NTP time synchronization Support DNS Client Support CPU monitoring, memory monitoring Support system log, graded warning Support Ping, Tracert detection, cable detection Support Apollo cloud platform one-stop management and maintenance

Additional information

Models	S5700-24GP-4FR
Series	10G LAY3 Series, 10G POE&Ethernet REALTEK Chipset