



PS3024GS Full Gigabit Layer 2 Managed PoE Switch



- 24 10/100/1000Mbps RJ45 ports (POE), 2 Gigabit SFP fiber optic ports
- Supports SNMP, RMON, Syslog, USB features, as well as multiple management methods such as CLI, web management, and Telnet, making it easy to maintain
- Hardware level multiple protection ensures continuous operation of equipment and stable network without disconnection
- Supports one-stop management on the Apollo cloud platform



Description

Overview

Provides flexible and cost – effective access and Gigabit uplink ports,supports complete security protection mechanisms, complete ACL/QoS policies and rich VLAN functions



Switch backplane bandwidth 52Gbps	Packet forwarding 38.7Mpps	switch port 24 10/100/1000Mbps RJ45 ports (POE)
Working Humidity 10% ~ 90% RH nun-condensing	Dimensions (W × D × H) 440mm×180mm×44mm	2 Gigabit SFP fiber optic ports

PS3024GS

FULL GIGABIT LAYER 2
MANAGED POE SWITCH



APPLICABLE SCENARIOS

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



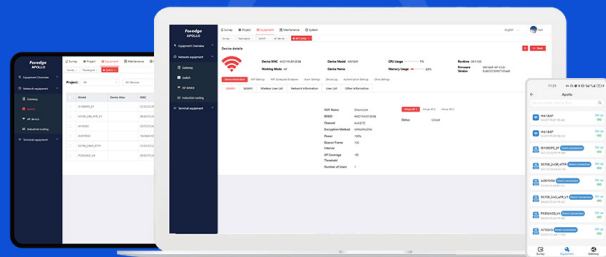
HIGHLIGHT FEATURES

24 10/100/1000Mbps RJ45 ports (POE),
2 Gigabit SFP fiber optic ports.



APOLLO CLOUD SYSTEM MANAGEMENT PLATFORM

Supports one-stop management on the Apollo cloud platform.





PS3024GS
Full Gigabit Layer 2 Managed PoE Switch



PERFECT SECURITY MECHANISM



38.7MPPS

Packet forwarding: 38.7Mpps





10%~90% RH

WORKING HUMIDITY:
10%~90% RH non condensing



Specifications

Hardware Specifications				
Product number		PS201 0G	PS3016GS	PS3024GS
Network 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		
Fixed port	Gigabit PoE port	8	16	24
	Gigabit SFP port	2	2	2
	Console Port	1 (baud rate 115200)		
Performance Specifications	Forwarding mode	Store and forward		
	MAC address table	8K		
	Port cache	4.1Mb		
	Auto	Auto MDI/MDIX Auto-negotiation		
	Bandwidth	20Gbps	36Gbps	52Gbps
	Packet forwarding rate	14.9M pps	26.8Mpps	38.7Mpps
PoE Power	PoE Standard	IEEE 802.3af、IEEE 802.3at		
	PoE Pin	1/2(+) , 3/6(-)		
	Port maximum power supply	30W		
	The maximum power supply of the whole machine	150W	150W	250W, 400W optional
Input power	AC	100-240V~ 50/60Hz		
Physical Specifications	length*width*height	285*180*44 mm	440*180*44 mm	440*180*44 mm

Use environment	working environment	Working temperature: 0°C ~ 40°C, working humidity: 10%~90%RH without condensation
	storage environment	Storage temperature: -40°C ~ 70°C, storage humidity: 5%~90%RH non-condensing
Software Specifications		
VLAN	Support 4K VLANs Support 802.1Q VLAN、MAC VLAN ,IP VLAN, VLAN Trunking and Port-based VLAN	
DHCP	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 to restrict user access based on port number, IP address, MAC address 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 authentication, AAA 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
Storm control	Support multicast control Support broadcast control Support unknown unicast control
Link aggregation	Support static aggregation Support dynamic aggregation Support based on IP, MAC, mixed load balancing mode A maximum of 32 aggregation groups are supported
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 Console port） Support SNMP V1/V2/V3 Support RMON V1/V2 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	PS3024GS
Series	Gigabit LAY2 Series, Gigabit Series POE&Ethernet