



PS3016GS 16 Port Gigabit Layer2 Managed PoE Switch



- 16 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

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



Switch backplane bandwidth

36Gbps

Working Humidity

10% ~ 90% RH non-condensing

Packet forwarding

108Mpps

Dimensions (W × D × H)

440mm×180mm×44mm

switch port

16 10/100/1000Mbps RJ45 ports (POE)

2 Gigabit SFP fiber optic ports

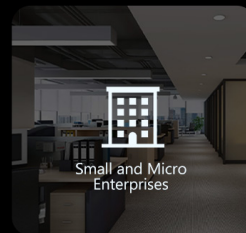
PS3016GS

16 PORT GIGABIT LAYER2
MANAGED POE SWITCH



APPLICABLE SCENARIOS

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



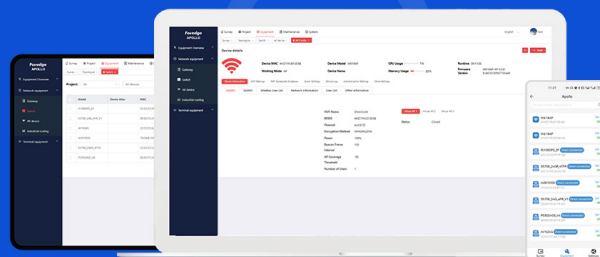
HIGHLIGHT FEATURES

16 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.





PS3016GS
16 Port Gigabit Layer2 Managed PoE Switch



PERFECT SECURITY MECHANISM



108MPPS

Packet forwarding: 108Mpps





10%~90% RH

WORKING HUMIDITY:
10%~90% RH non condensing



Hardware Specifications:	
Networking Interface	● 16*10/100/1000Mbps RJ45 ports (POE)
	● 2*SFP ports
	● 1*Console port
Network Protocol	● 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	● Bandwith : 36Gbps
	● Packet forwarding rate : 26.8Mpps
	● MAC table size : 8K
	● Forwarding type : Storage and forwarding
LED Indicator	● 18*Link/Act indicator
	● 16*PoE indicator
	● 1*Power indicator
	● 1*SYS indicator
POE Pin	● 1/2 (+), 3/6 (-)
Power Supplier	● Power input : AC 100-240V/50-60Hz
	● Single port MAX. power : 30W
	● PoE budget : 150W
Dimension	● W*D*H : 440mm×180mm×44mm
Environment	● Operating temperature : 0°C~40°C
	● Storage temperature : -40°C~70°C
	● Operating humidity : 10%~ 90% RH non condensing
	● Storatge humidity : 5%~90% RH non condensing
Safte Regulation	● CE/ROHS/FCC

VLAN	Support 4K VLANs
	Support 802.1Q VLAN,MAC VLAN ,IP VLAN
DHCP	Support DHCP Snooping
MAC Address	Follow IEEE 802.1d standard
table	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
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 suppression	Support multicast suppression
	Support broadcast suppression
	Support unknown unicast suppression
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	PS3016GS
Series	Gigabit LAY2 Series, Gigabit Series POE&Ethernet