



NS3024GS 24-Port Gigabit Managed Ethernet Switch

- 24 10/100/1000Mbps RJ45 ports, 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 gigabit uplink ports

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

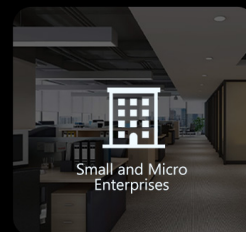
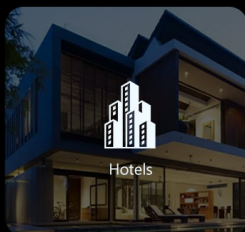
NS3024GS

24-PORT GIGABIT MANAGED
ETHERNET SWITCH



APPLICABLE SCENARIOS

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



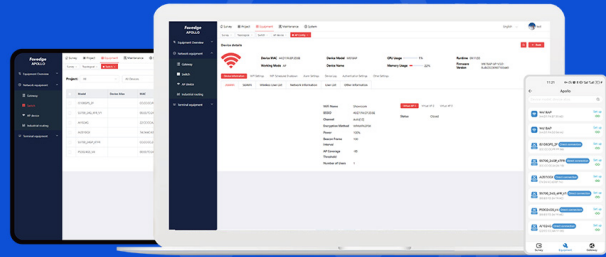
HIGHLIGHT FEATURES

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



APOLLO CLOUD SYSTEM MANAGEMENT PLATFORM

Supports one-stop management on the Apollo cloud platform.



PERFECT SECURITY MECHANISM



38.7MPPS

Packet Forwarding: 38.7Mpps





10%~90% RH

WORKING HUMIDITY:
10%~90% RH non condensing



Specifications

Hardware Specifications	
Network Interface	● 24 10/100/1000Mbps RJ45 Port ● 2 Gigabit SFP Port ● 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
Performance Specifications	● Backplane bandwidth : 52Gbps ● Packet forwarding rate : 38.7Mpps ● MAC address table : 8K ● Port Buffer : 4.1M ● Auto MDI/MDIX 、 Auto-negotiation ● Forwarding Mode: Store and Forward
Power support	● Input power : AC 100-240V/50-60Hz
LED indicator	● 26 Link/Act indicators ● 1 SYS system indicator ● 1 Power indicator
Physical Specifications	● Dimensions (LxWxH) : 440mm×180mm×44mm
Environmental Specifications	● Working 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	
VLAN	Support 4K VLAN Support VLAN Trunking and Port-based VLAN Support 802.1Q VLAN、MAC VLAN ,IP 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
Access control (ACL)	Support L2 (Layer 2) ~ L4 (Layer 4) packet filtering function Support port mirroring, flow rate limiting, QoS remarking
Quality of service (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 management （ HTTP、HTTPS、SSL V3 ） Support CLI （ Telnet、SSH V1/V2、Local serial 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	NS3024GS
Series	Gigabit LAY2 Series, Gigabit Series POE&Ethernet