Navijin

DATASHEET

WIRELESS INFRASTRUCTURE / **GATEWAY & AC CONTROLLER**

NG-GE108-P

8-port Gateway + PoE Switch + AP Controller

PRODUCT PAGE

NG-GE108-P



Overview

The Navijin NG-GE108-P is a gateway and wireless controller for centralized network management – 8-port Gateway + PoE Switch + AP Controller. Key specifications include: 8x 1G 802.3af/at PoE(PoE+) interfaces; Support watchdog design, auto recovery; Support ESD and surge, to protect the device. It combines routing, Internet access control and management of Navijin access points in one device, making it ideal for hotels, offices, campuses, hospitals and multi-branch businesses.

Key Features

- 8x 1G 802.3af/at PoE(PoE+) interfaces
- Support watchdog design, auto recovery
- Support ESD and surge, to protect the device

Hardware Specifications

Flash	16MB
SDRAM	512MB
Interface	1x 10/100/1000Mbps WAN port 1x 10/100/1000Mbps WAN/LAN port 8x 10/100/1000Mbps PoE ports, IEEE 802.3af/at standard 1x DC port, 54V/1.4A 1x Reset Button(Press 10 seconds to revert to default data)
PoE Output	48V (Max 30W for each port)

PoE Power	76W in Total
Dimensions	Power / System / 1x WAN / 9x LAN / 8x PoE
LED Indicator	-10°C to 45°C / 10% to 90%
Power Consumption	<10W
ESD	Contact: ±6KV; Air: ±8KV
Surge	Common Mode: ≥±2KV / Differential Mode: ≥±1KV
Working Environment	Working Temperature: -20°C~+55°C Storage Temperature: -40°C~+70°C Humidity:5%~95% (No condensation)

Firmware Specifications

AP Management

- Max to access and manage 100 users
- Max to manage 50PCS wireless AP
- Centrally and remotely to manage/configure wireless AP
- User's status checking

Smart Flow Control

- No-configuration intelligent flow control
- Powerful multi-line diversion
- Application Priority Automatically

Load Balance

- Multiple WAN, multiple ISP network access
- Intelligence load balance
- Ethernet line backup
- Ethernet overlay
- Policy routing: based on IP address, destination IP address, source MAC address, network port, domain, destination port, Extranet port, Identity binding
- Protocol binding
- Online detection

Routing

- Static Routing

Behavior Management

- All-round to block P2P firmware
- P2P flow control and bandwidth allot
- File and URL filter
- Monitor network behavior at all times

VPN

- L2TP, PPTP, OpenVPN, IPSec

Bandwidth Limitation

- IP-based bandwidth limitation
- Safeguard / Restrict bandwidth
- Time strategy
- IP based session restriction

Security Center

- MAC address filter
- UPR/key words filter
- Web content filter
- IP address filter
- Port mapping
- DMZ

Defense Center

- TCP/UDP/ICMP flood defense
- Block TCP scanning
- Block ping WAN port

ARP Detection

- Send GARP packets
- ARP Scanning on WAN/LAN port
- Online detection
- IP-MAC binding

Authentication

- Portal auth.
- 3rd Radius billing auth.
- Account auth.
- SMS auth.

Management

- Web
- CLI
- Telnet management
- Remote management

Others

- DDNS, VPN management

Warranty & support Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com · sales@navijin.com**

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