Navijin

DATASHEET

IP TELEPHONY / **IP PBX SYSTEM**

VG100-16S

Enterprise VoIP Gateway Router

PRODUCT PAGE

VG100-16S



Overview

The Navijin VG100-16S is an IP PBX and voice gateway for business telephone systems – Enterprise VoIP Gateway Router. Key specifications include: 16x FXS RJ11 Ports for Voice Connectivity; 1x WAN + 3x LAN Full Gigabit Ethernet Ports. It connects IP phones, analog lines and SIP trunks into one manageable phone system for offices, hotels, hospitals, call centers and multi-branch companies.

Key Features

- 16x FXS RJ11 Ports for Voice Connectivity
- 1x WAN + 3x LAN Full Gigabit Ethernet Ports
- Dual-Core Cortex-A9 CPU for Reliable Performance
- Supports SIP/IMS/H.248 Voice Services & Advanced QoS
- 1U Metal Case, 25W Power, Remote & Local Management

General Specifications

FXS interface	16*RJ11
Processor	CORTEX-A9 dual core CPU processor
Console	1*RJ45, 115200bps
Network interface	1*WAN, 3*LAN, Full Gigabit Ethernet （1000 Base-T Ethernet）
USB	1*USB 2.0, Full speed
Dimension	440x210x43.5mm
Weight	＜ 2kg
Case	1U, Metal Material

Power	25W
Power input	Rated voltage range: 100~240VAC, 50/60Hz
Working environment	Relative Humidity ： 95% non-condensing at 25~30°C non-operating, Ambient temperature ： Operating10~35°C, non-operating -40~55°C ambient
Call concurrency	Fully concurrent
Basic Function Voice Protocol	Static IP, DHCP, PPPoE, WAN subinterface, DHCP server, NAT, DNS, IGMP, VLAN, Static routing, Dynamic routing, Policy routing, PPTP, L2TP, IPSec SSL, VPN, Support Switch VLAN, Trunk Port, Support NTP Client, Support Bandwidth Control, QoS Policy, Support Security Firewall, APR Defense, DDos protection
Voice codec	G.711U, G.711A, G.723, G.729
Voice quality assurance	Support echo cancellation, Silence detection, Silent compression, Comfortable background sound generation, Support jitter buffer, Support voice frame compensation function, Support gain adjustment
Voice service	Basic call, Caller ID display, Call forwarding, Three-way calling, Find malicious calls, Outgoing barring, No disturbing, Abbreviated dialing, Hotline service, Alarm clock, Callback on busy, Conference call, Support IMS-based SIP voice service, NGN SIP voice service, Voice service based on H.248 protocol
Log function	Support for local logging, Log upload log server
Local management	Support local HTTP web management,SSH console interface for remote HTTS Web management, Support import and export of gateway configuration files, Support device reset, Software upgrade, System debugging, Support fault detection, Equipment status monitoring
Remote management	Remote upgrade function, SNMP network management protocol, Tr069 network management protocol, SYSLOG remote network management protocol

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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