Navijin

DATASHEET

IP TELEPHONY / **IP PBX SYSTEM**

VPX80-4O12S

Enterprise VoIP Gateway Router

PRODUCT PAGE

VPX80-4O12S



Overview

The Navijin VPX80-4O12S is an IP PBX and voice gateway for business telephone systems – Enterprise VoIP Gateway Router. Key specifications include: 12 FXS + 4 FXO VoIP Gateway; 1x WAN, 3x LAN Gigabit Ethernet Ports (RJ45). 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

- 12 FXS + 4 FXO VoIP Gateway
- 1x WAN, 3x LAN Gigabit Ethernet Ports (RJ45)
- Supports SIP/IMS Trunks & Analog Phones
- Built-in VoIP QoS & Advanced Call Routing
- Supports up to 300 Users for Business Use

General Specifications

Network interface	1*WAN ， 3*LAN ， RJ45 interface, 10/100/1000M Ethernet adaptive
Console interface	1*RJ45 interface ， 115200bps
USB interface	1*USB2.0 ， support Full Speed
FXS interface	12FXS ， RJ11 interface
FXO interface	4FXO ， RJ11 interface
Dimension	430x180x44mm
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
Reliability	7X24 hours, The success rate is greater than 99.999%, MTBF greater than 80000 hours
Applicable units	Business, 12~300 users
Upstream IP interface	Static IP, DHCP, PPPoE, WAN sub-interface
Upstream interface mode	Routing mode, Bridge mode
IP Service	DDNS, Static routing, NAT, Port Mapping, UPnP, Virtual domain name, ALG, DNS, NTP, DHCP service
Traffic management	QoS strategy, Broadband Policy
QoS	Hardware chip realizes VoIP QoS
Extension type	Analog extension: analog telephone, SIP extension ： IP phone, video phone, soft-phone
Trunk type	Analog trunk, SIP/IMS trunk
Voice codec	G.711U, G.711A, G.723, G.729
Video codec	H.263, H.264 （transparent mode）
DTMF	RFC2833, SIPinfo, in band
FAX	T.30, T.38
Business statistic	Call log, Traffic statistics
Call handling	Call routing, Inbound routing, Number exchange, Dial plan, Caller ID identification, Called number identification, Call out whitelist, Inbound whitelist
WAN port access control	Web access, Ban PING, SSH protocol, SIP protocol
ARP attack defense	IP/MAC binding, ARP attack prevention
Voice server	Local number inquiry, Calling number identification display, Calling number display restriction, Unconditional call forwarding, Call forward when busy& no answer, Blind transfer, inquiry transfer
DDOS protection	Ping of Death, Tear drop, TCP Flood, UDP flood, Trace-route, IP spoofing, Port Scan, WINNUKE attack
VPN	IPSec, L2TP, PPTP
VoIP Security	SIP registered account verification, SIP registered IP address verification, Total call duration limit, traffic monitoring
Local management	Web mode, Telnet, SSH
Remote management	SNMP, TR069
System test	Ping, Traceroute, IPconfig, Route, HTTPGet, DNS Query
Log management	Operation log, Running log, User log, Secure log
System maintenance	Configuration backup and restore, System upgrade, Restore factory value, Time setting

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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