

NXG Series 16V



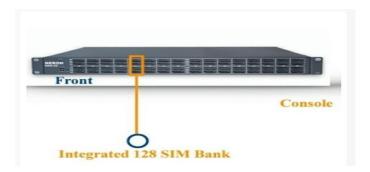
VoIP Gateways are multi-functional interface gateway designed to empower Volte & GSM technology with the blend of SIP-PBX. Featured with integrated Sim Bank, NXG Series Gateways deliver Telco grade solution and telephony features to enterprise and SMB. SIP Server call survival and inbuilt router function add more value addition during production hours and reduce downtime due to network or SIP server failure. Innovative product line fully complied for Work From Home solution such as VPN, Parallel Call Recording, remote call Recording, CDR, SIP Trunk Connectivity, IVR manager...etc. Web Socket API / Events is one of the power tool inbuilt for 3rd party CRM integration or offers option to develop own GUI for monitoring and management.



Volte Gateway
Call Recording
Call Survivability
SMS IN/OUT
VPN
Inbuilt IP-PBX
WebSocket API
Router Features inbuilt
ACD & Call Queue
HD Voice Quality
Integrated 1:4 SIM Bank
CDR Reports
WFH Complied
IVR Manager
Any to Any Call Routing







Part	Telco		SIM Slot	PBX User	Call Rec.	Router	API
Code	Interface	Channel			R		
NXG - 32	32	60	128	200	YES	YES	WebSocket
V	VoLTE/GSM						
NXG - 16	16	30	64	100	YES	YES	WebSocket
V	VoLTE/GSM						
NXG - 16	8	15	32	50	YES	YES	WebSocket
V	VoLTE/GSM						

VolTE Gateway

Telephony Features:

SIP Intercom, IVR, Voicemail
SMS to EMAIL, DISA, Paging, ACD
Ring Group, Call Conference, MoH
Video call, Call Recording, Call Hold,
Transfer, Park, Call Routing, CDR
Call Queue, SIP Trunk, Web Socket API,
SMS IN/OUT, USSD, Call Barge
Call Monitor, Caller ID, Call Waiting,
Call Forward, Three-way Calling, Video Call, Remote Call Pickup.....etc

SIP/Voice Processing:

SIP V2.0, RFC3261, SDP RFC2327 RTP/RTCP RFC3551, CNG, VAD, AGC, CPT, DTMF Signal RFC2833, RFC4733, 128ms Echo Cancellation, Dynamic Jitter Buffer, Silence Suppression, SIP INFO, STUN, DNS SRV/A query, RBT

Management:

HTTPS Web GUI, Reverse NAT, Backup / Restore, Ping, Tracert, Auto Provisioning, Firmware uploads HTTP/S, Factory Reset, PCAP, AT Log, Syslog, GSM / VolTE





Call Test

Wireless Frequency:

FDD LTE: B1/B3

TDD LTE: B38/B39/B40/B41

TDSCDMA: B34/B39 CDMA2000 1x/EVDO: BC0 GSM: 900/1800MHz

Voice/Video Codec:

G.711A, G.711U, G.729 A/B G.723, G.722, H263, H264, GSM, iLBC, Speech Codec Modes: HR, FR, EFR, AMR,

AMR-WB

Physical Interface:

2x Ethernet- 10/100 LAN/WAN 1x USB, 1x RJ45 Consol 32x Antenna Connector 1x Reset Button LED Status Indicator 128 SIM card Slot

Operating Temperature:

Operating: 32 ~ 104°F / 0 ~ 40°C, 10 ~ 90% (non-condensing) Storage: 14 ~ 140°F / -10 ~ 60°C

Network Protocol:

NAT Router, DHCP Client or Server, PPPoE, HTTP, HTTPS, TCP / UDP, TFTP, FTP, Telnet, ARP, RARP, RTP/ RTCP, SSH, ICMP

Dimension & Weight:

Dimension: 440×44×200mm

Weight: 3.7 Kg

Package Weight: 6 Kg.

Power Supply: 12V / 3A PSU
Compliance: CE /FC / RoHS
Encryption & Security:
SRTP, TLS, HTTPS, SSH, NAT
Firewall, White/Block List, Session
Timer, ACL, VPN

