

neox

Making every conversation count



NXS1000-8S FXS Analog VoIP Gateway

NEOX NXS1000-8S is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), fax machines and PBX systems. The device offers 8 FXS ports, fax over IP and flexible dial plans. It is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

NEOX NXS1000-8S supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.

Pictures

NXS1000-8S



Key Highlights

- Cost Effective Gateway with 8 FXS Ports
- Fax over IP (T.38 and Pass- Through)
- Support IPv4 and IPv6
- TR069 and SNMP
- Multiple Codecs: G.711A/U, G.723.1, G.729A/B, AMR, G.726 etc.
- Fully Compatible with leading IMS/NGN, SIP based IP Telephony system.

Physical Interfaces

• Capacity:

8 FXS, RJ11

• Ethernet Interfaces

1*WAN, 10/100 Mbps, RJ-45

2*LAN, 10/100 Mbps, RJ-45

• Console

N/A

FXS

Connector: RJ11

Dial Mode: DTMF and Pulse

Pulse: 10 and 20 PPS

Caller ID: FSK/DTMF CLI

Presentation

Max Cable Length: 3km

Reversed Polarity

Programmable Call Progress

Tone

Voice & FAX

G.711A/U law, G.723.1,

G.729A/B, G.726, AMR, iLBC

Silence Suppression

Comfort Noise Generation (CNG)

Voice Activity Detection (VAD)

Echo Cancellation (G.168), with
up to 128ms

Adaptive (Dynamic) Jitter Buffer

Hook Flash

Programmable Gain Control

T.38/Pass-through

High Speed fax upto 14.4 kbps

Modem/POS

DTMF mode:

Signal/RFC2833/INBAND

VLAN 802.1P/802.1Q

(voice/data/management VLANs)

Layer3 QoS and DiffServ

VoIP

• Protocol:

SIP v2.0 (UDP/TCP), RFC3261

SDP, RTP(RFC2833), RFC3262,

3263,3264,3265,3515,2976,3311

ETC (3GPP TS24.629), 3891,
3892

SIP TLS/SRTP

RTP/RTCP, RFC2198, 1889

RFC4028 Session Timer

RFC3266 IPv6 in SDP

RFC2806 TEL URI

RFC3581 NAT,rport

Primary/Backup SIP Server

Outbound Proxy

DNS SRV/ A Query/NATPR Query

SIP Trunk

Early Media/Early Answer

NAT: STUN, Static/Dynamic NAT

Maintenance

SNMP v1/v2/v3

TR069, TR181

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via Web

CDR

Syslog(Emerg.alert, critical, error
warning, notice, info, debug)

Network Capture

Outward Test (GR909)

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

Supplement Service

Call Waiting

Blind Transfer

Attend Transfer

Call Forward on Busy

Call Forward on No Reply

Unconditional Call Forward

Warm/Immediately Hotline

Call Hold

Do-not-disturb

3-Way Conference

Message Waiting Indicator

Speed Dial

Software Features

Hunting Group

Web ACL

Telnet ACL

Action URL

PPPoE/IPv4/IPv6

OpenVPN

Digitmap

Routing Rules based Prefixes

Caller/Called Number Manipulation

Environmental

Power Supply:

100-240VAC, 50-60 Hz@DC12V 2A

• Power Consumption: 18W (Typical)

Operating Temperature:0 °C ~ 45 °C

Storage Temperature: -20 °C ~80 °C

Humidity:10%-90% Non-Condensing

Dimensions(W/D/H):242*152*40mm

Unit Weight: 1kg

Compliance: CE, FCC

About Sterlite Technologies Ltd. (STL)

STL is a leading global optical and digital solutions company providing advanced offerings to build 5G, Rural, FTtx, Enterprise, and Data Centre networks. The company, driven by its purpose of 'Transforming Billions of Lives by Connecting the World', designs and manufactures in 4 continents with customers in more than 100 countries. Telecom operators, cloud companies, citizen networks, and large enterprises recognize and rely on STL for advanced capabilities in Optical Connectivity, Global Services, and Digital and Technology solutions to build ubiquitous and future-ready digital networks. STL's business goals are driven by customer-centricity, R&D, and sustainability. Championing sustainable manufacturing, the company has committed to achieving Net Zero emissions by 2030.

Contact us at:

Phone: +91 9712900567

For queries or demo email us: presales.neox@stl.tech

