

neox

Making every conversation count



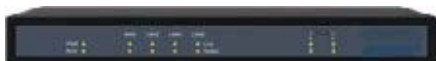
NXO1000-40 & 80 FXO Analog VoIP Gateway

NXO1000 is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), and PBX systems. The device offers 4 or 8 FXO ports, which is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

NXO1000 supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.

Pictures

NXO1000-40



NXO1000-80



Key Highlights

- Cost Effective Gateway with 4/8 FXO 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 etc.
- Fully Compatible with leading IMS/NGN, SIP based IP Telephony system.

Physical Interfaces

• Capacity:

NXO1000-4O, 4 FXO, RJ11

NXO1000-8O, 8 FXO, RJ11

• Ethernet Interfaces

1*WAN, 2*LAN, 10/100 Mbps

RJ45

• Console

N/A

FXO

Connector: RJ11

Dial Mode: DTMF/Pulse Dialing

Caller ID: FSK, DTMF

Polarity Reversal

Answer Delay

Busy Tone Detection

No Current Detection

Voice & FAX

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

G.729A/B, G.726

Silence Suppression

Comfort Noise Generation (CNG)

Voice Activity Detection (VAD)

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

Adaptive (Dynamic) Jitter Buffer
Programmable Gain Control

T.38/Pass-through

Modem/POS

DTMF mode:

Signal/RFC2833/INBAND

VLAN 802.1P/802.1Q

Layer3 QoS and DiffServ

VoIP

• Protocol:

SIP v2.0 (UDP/TCP), RFC3261
SDP, RTP (RFC2833), RFC3262,
3263, 3264, 3265, 3515, 2976, 3311

SIP TLS/SRTP

RTP/RTCP, RFC2198, 1889

RFC4028 Session Timer

RFC3266 IPv6 in SDP

RFC2806 TEL URI

RFC3581 NAT, rport

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

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via Web

CDR

Syslog

Network Capture

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

Network

Static / Dynamic IP,

PPPoE

DHCP Client

IPv4/IPv6

TCP, UDP, TFTP, FTP, ARP, RARP,
Ping, NTP, SNTP, HTTP/HTTPS,
DNS

Ping / Tracert

DHCP Option 66, 120, 121

Software Features

Port Group

Web ACL

Telnet ACL

Action URL

Digitmap

Routing Rules based Prefixes

Caller/Called Number Manipulation

Environmental

Power Supply: 100-240VAC, 50-60 Hz

@ External Adapter DC12V

• Power Consumption:

NXO1000-4O: 12W

NXO1000-8O: 20W

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.

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