

Sangoma Vega 400G, 4 T1/E1, failover, 30 VoIP channels, VEGA-4NG-030

Product Name: Sangoma Vega 400G, 4 T1/E1, failover, 30 VoIP channels, VEGA-4NG-030

Manufacturer: Sangoma

Model Number: VEGA-4NG-030

Sangoma Vega 400G, 4 T1/E1, failover, 30 VoIP channels, upgradable to 120

The Sangoma Vega 400G, 4 T1/E1, failover, 30 VoIP channels, upgradable to 120 VoIP gateway, lets you easily connect digital telephony equipment to IP networks. Sangoma Vega 400G, 4 T1/E1, failover, 30 VoIP channels, upgradable to 120 Features

- 30 VoIP calls
- Supports dual gigabit Ethernet connections
- Local survivability
- Voice, FAX and modem support
- Flexible call routing for fallback and least cost routing
- Emergency PSTN backup
- Interoperability with a wide range of legacy and IP equipment.

FIELD-UPGRADEABLE

Choose the right license for your business requirements now: 30, 60, 90 or 120 simultaneous voice calls and expand it later to meet your growing business needs with a quick and easy license upgrade.

CONFIGURATION'S A SNAP

Sangoma's next generation Vega VoIP gateways are the easiest to provision on the market. It's a SNAP with the Sangoma Network Appliance Provisioning tool. Keep the configuration of existing equipment; the Vega 400G delivers flexibility and choice when it comes to call routing. Each T1/E1 interface can be set up to connect to a network or a terminal side — e.g. directly to the PSTN or straight to your PBX.

ONCE CONNECTED, STAY CONNECTED

In the event of a WAN failure, IP phones behind the gateway can continue to call each other, be routed to a backup switch or connect directly to the PSTN. Plus, the Vega 400G comes complete with a pin switching and set of bypass T1/E1 connectors that don't rely on cross-over cables. The next generation 400G is perfect for redundancy or failover scenarios.

OPEN, NON-PROPRIETARY INTERFACES

The Vega 400G VEGA-4NG-030 supports the following signalling schemes:

- ETSI, VN4, ISDN
- NI1, NI2, AT&T 5ESS, DMS100
- ISO QSIG Basic Call and QSIG Feature Transparency
- Channel Associated Signalling (CAS)
- R2 MFC

Sangoma Vega 400G, 4 T1/E1, failover, 30 VoIP channels, upgradable to 120 Technical Specification

VoIP Interfaces

- SIP — for H.323, please inquire
- Audio codecs:
 - G.711 (a-law/μ-law) (64 kbps)
 - G.729a (8 kbps)
 - G.723.1 (5.3/6.4 kbps)

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- G.726

- FAX Support – up to G3 FAX, using T.38
- Modem Support – up to V.90, using G.711
- Up to 120 VoIP channels

Telephony Interfaces

Primary Rate ISDN (User configurable NT/TE):
E1

- Euro–ISDN
- ISO QSIG
- VN4
- CAS R2MFC
- CAS Private Wire

T1

- NI1/NI2
- AT&T 5ESS
- DMS100
- CAS (RBS)
- ISO QSIG
- CAS Private Wire

LAN Interfaces

- 2 RJ–45s, 1000 BaseT/100 BaseTX/10 BaseT, full/half duplex

Features

Identification

- Caller ID presentation
- Caller ID screening allows connections to be accepted only from selected call sources
- SIP Registration & Digest Authentication

Operations, Maintenance & Billing

- HTTP(S) web server
- RADIUS Accounting & Login
- Remote firmware upgrade:

- Auto code upgrade
- Auto configuration upgrade

- SNMP V1, V2 & V3
- TFTP/FTP support
- VT100 & RS232

Routing & Numbering

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- Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration
- Direct Dialing In (DDI)
- SIP registration to multiple proxies
- NAT traversal

Security & Encryption

- Management – HTTPS, SSH, Telnet
- Configurable user login passwords
- SIP/TLS and SRTP

Call Quality

- Adaptive jitter removal
- Comfort noise generation
- Silence suppression
- 802.1p/Q VLAN tagging
- Differentiated Services (DiffServ)
- Type of Service (ToS)
- QoS statistics reporting
- Echo cancellation (G.168 up to 128ms)

Hardware

Certification

EMC (ClassB)

- EN55022
- EN55024
- FCC Part 15
- AS/NZS3548
- VCCI

Safety

- EN60950
- IEC60950
- UL60950
- AS/NZS60950

Telecoms (ISDN)

- E1: TBR4
- T1: FCC Part 68
- T1: CS-03

Environmental

- 0° .. 40°C

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- 0% .. 90% humidity (non-condensing)

Indicators

LED:

- Power
- ISDN: NT/TE & Link up
- LAN: Speed, Activity

Physical Dimensions

- 437mm (17.2″) wide x 153mm (6″) deep x 43.5mm (1.7″) high
- Weight: 1.97kgs (4.35lbs)
- Rackmount brackets supplied

Power

- 100..240 VAC, 47..63 Hz, 1..0.5 A

Program Storage

- Code & configuration data are stored in FLASH & executed from RAM

Price: £1,035.95
