

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

ï¿⅓ 30 VoIP calls

17.1/2 Supports dual gigabit Ethernet connections

آزٰ½ Local survivability

� Voice, FAX and modem support

า๊¿½ Flexible call routing for fallback and least cost routing

� Emergency PSTN backup

าั¿½ 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

ï¿1/2 NI1, NI2, AT&T 5ESS, DMS100

12/2 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:

ï¿1/2 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

ï¿1/2 Up to 120 VoIP channels

Telephony Interfaces

Primary Rate ISDN (User configurable NT/TE):

E1

� Euro–ISDN

ï¿⅓ ISO QSIG

۱۶½ VN4 ي′زï

� CAS R2MFC

ï¿⅓ CAS Private Wire

T1

12½ NI1/NI2 % ت

� AT&T 5ESS

ï¿⅓ DMS100

� CAS (RBS)

آز½ ISO QSIG

ï¿⅓ CAS Private Wire

LAN Interfaces

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

Features

Identification

� Caller ID presentation

ī¿½ Caller ID screening allows connections to be accepted only from selected call sources

ï¿1/2 SIP Registration & Digest Authentication

Operations, Maintenance & Dilling

� HTTP(S) web server

ï¿1/2 RADIUS Accounting & amp; Login

� Remote firmware upgrade:

� Auto code upgrade

� Auto configuration upgrade

 $\ddot{\imath}$ ¿½ SNMP V1, V2 & SNMP; V3 $\ddot{\imath}$ ¿½ TFTP/FTP support

� VT100 – RS232

Routing & amp; Numbering



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آذِاً Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration

� Direct Dialing In (DDI)

ï¿⅓ SIP registration to multiple proxies

ï¿⅓ NAT traversal

Security & amp; Encryption

تزار Management – HTTPS, SSH, Telnet

� Configurable user login passwords

ï¿1/2 SIP/TLS and SRTP

Call Quality

ï¿1/2 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)

ï¿⅓ EN55022

� EN55024

ï¿⅓ FCC Part 15

ï¿1/2 AS/NZS3548

ï¿⅓ VCCI

Safety

� EN60950

� IEC60950

� UL60950

� AS/NZS60950

Telecoms (ISDN)

تز½ E1: TBR4

� T1: FCC Part 68

� T1: CS-03

Environmental

ï¿1/2 0° .. 40°C



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� 0% .. 90% humidity (non-condensing)

Indicators

LED:

� Power

ï¿⅓ ISDN: NT/TE & Link up

ïذِ1/2 LAN: Speed, Activity

Physical Dimensions

آز $\frac{1}{2}$ 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

 $\ddot{\iota}_{2}$ Code & amp; configuration data are stored in FLASH & amp; executed from RAM

Price: \$1,940.43

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

Peace of Mind Packages

Advanced Hardware Replacement, Gold, Not Required, Platinum, Silver.