

## Sangoma Vega 400G, 4 T1/E1, failover, 120 VoIP channels VEGA-4NG-120



Product Name: Sangoma Vega 400G, 4 T1/E1, failover, 120 VoIP channels VEGA-4NG-120

Manufacturer: Sangoma

Model Number: VEGA-4NG-120

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

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

- 90 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.

### 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-120 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, 60 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)
- G.726

- FAX Support – up to G3 FAX, using T.38

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- 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

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

## Sangoma Vega 400G, 4 T1/E1, failover, 120 VoIP channels VEGA-4NG-120

• 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

• 0% .. 90% humidity (non-condensing)

Indicators

LED:

## Sangoma Vega 400G, 4 T1/E1, failover, 120 VoIP channels VEGA-4NG-120

• 1/2 Power  
• 1/2 ISDN: NT/TE & Link up  
• 1/2 LAN: Speed, Activity

### Physical Dimensions

• 1/2 437mm (17.2Prime;) wide x 153mm (6Prime;) deep x 43.5mm (1.7Prime;) high  
• 1/2 Weight: 1.97kgs (4.35lbs)  
• 1/2 Rackmount brackets supplied

### Power

• 1/2 100..240 VAC, 47..63 Hz, 1..0.5 A

### Program Storage

• 1/2 Code & configuration data are stored in FLASH & executed from RAM

**Price: £3,676.80**

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Options available for Sangoma Vega 400G, 4 T1/E1, failover, 120 VoIP channels VEGA-4NG-120 :

### Peace of Mind Packages

[Advanced Hardware Replacement](#), [Gold](#), [Not Required](#), [Platinum](#), [Silver](#).