

## Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, VEGA-4NG-060



Product Name: Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, VEGA-4NG-060

Manufacturer: Sangoma

Model Number: VEGA-4NG-060

Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, upgradable to 120

The Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, upgradable to 120 VoIP gateway, lets you easily connect digital telephony equipment to IP networks. Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, upgradable to 120 Features

- 60 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 &ndash; 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-060 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 &ndash; for H.323, please inquire
- Audio codecs:

- G.711 (a-law/&micro;-law) (64 kbps)
- G.729a (8 kbps)
- G.723.1 (5.3/6.4 kbps)

## Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, VEGA-4NG-060

• 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-45, 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

## Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, VEGA-4NG-060

- Dial Planner &ndash; sophisticated call routing capabilities, standalone or gatekeeper/proxy integration

- Direct Dialing In (DDI)

- SIP registration to multiple proxies

- NAT traversal

Security & Encryption

- Management &ndash; 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&deg; .. 40&deg;C

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

## Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, VEGA-4NG-060

### Indicators

LED:

½ Power

½ ISDN: NT/TE & Link up

½ LAN: Speed, Activity

### Physical Dimensions

½ 437mm (17.2Prime;) wide x 153mm (6Prime;) deep x 43.5mm (1.7Prime;) high

½ Weight: 1.97kgs (4.35lbs)

½ Rackmount brackets supplied

### Power

½ 100..240 VAC, 47..63 Hz, 1..0.5 A

### Program Storage

½ Code & configuration data are stored in FLASH & executed from RAM

**Price: £2,206.80**

---

Options available for Sangoma Vega 400G, 4 T1/E1, failover, 60 VoIP channels, VEGA-4NG-060 :

### Peace of Mind Packages

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