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

ï¿½ 90 VoIP calls
ï¿½ Supports dual gigabit Ethernet connections
ï¿½ Local survivability
ï¿½ Voice, FAX and modem support
ï¿½ Flexible call routing for fallback and least cost routing
ï¿½ Emergency PSTN backup
ï¿½ 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:

ï¿½ ETSI, VN4, ISDN
ï¿½ NI1, NI2, AT&T 5ESS, DMS100
ï¿½ ISO QSIG Basic Call and QSIG Feature Transparency
ï¿½ Channel Associated Signalling (CAS)
ï¿½ R2 MFC

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

ï¿½ SIP – for H.323, please inquire
ï¿½ Audio codecs:

ï¿½ G.711 (a-law/µ-law) (64 kbps)
ï¿½ G.729a (8 kbps)
ï¿½ G.723.1 (5.3/6.4 kbps)
ï¿½ G.726

ï¿½ FAX Support – up to G3 FAX, using T.38

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ï¿½ Modem Support – up to V.90, using G.711
ï¿½ Up to 120 VoIP channels

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

ï¿½ Euro–ISDN
ï¿½ ISO QSIG
ï¿½ VN4
ï¿½ CAS R2MFC
ï¿½ CAS Private Wire

T1

ï¿½ NI1/NI2
ï¿½ AT&T 5ESS
ï¿½ DMS100
ï¿½ CAS (RBS)
ï¿½ ISO QSIG
ï¿½ CAS Private Wire

LAN Interfaces

ï¿½ 2 RJ–45s, 1000 BaseT/100 BaseTX/10 BaseT, full/half duplex

Features
Identification

ï¿½ Caller ID presentation
ï¿½ Caller ID screening allows connections to be accepted only from selected call sources
ï¿½ SIP Registration & Digest Authentication

Operations, Maintenance & Billing

ï¿½ HTTP(S) web server
ï¿½ RADIUS Accounting & Login
ï¿½ Remote firmware upgrade:

ï¿½ Auto code upgrade
ï¿½ Auto configuration upgrade

ï¿½ SNMP V1, V2 & V3
ï¿½ TFTP/FTP support
ï¿½ VT100 – RS232

Routing & Numbering

ï¿½ Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration
ï¿½ Direct Dialing In (DDI)
ï¿½ SIP registration to multiple proxies

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ï¿½ NAT traversal

Security & Encryption

ï¿½ Management – HTTPS, SSH, Telnet
ï¿½ Configurable user login passwords
ï¿½ SIP/TLS and SRTP

Call Quality

ï¿½ Adaptive jitter removal
ï¿½ Comfort noise generation
ï¿½ Silence suppression
ï¿½ 802.1p/Q VLAN tagging
ï¿½ Differentiated Services (DiffServ)
ï¿½ Type of Service (ToS)
ï¿½ QoS statistics reporting
ï¿½ Echo cancellation (G.168 up to 128ms)

Hardware
Certification
EMC (ClassB)

ï¿½ EN55022
ï¿½ EN55024
ï¿½ FCC Part 15
ï¿½ AS/NZS3548
ï¿½ VCCI

Safety

ï¿½ EN60950
ï¿½ IEC60950
ï¿½ UL60950
ï¿½ AS/NZS60950

Telecoms (ISDN)

ï¿½ E1: TBR4
ï¿½ T1: FCC Part 68
ï¿½ T1: CS-03

Environmental

ï¿½ 0° .. 40°C
ï¿½ 0% .. 90% humidity (non-condensing)

Indicators
LED:

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ï¿½ Power
ï¿½ ISDN: NT/TE & Link up
ï¿½ LAN: Speed, Activity

Physical Dimensions

ï¿½ 437mm (17.2″) wide x 153mm (6″) deep x 43.5mm (1.7″) high
ï¿½ Weight: 1.97kgs (4.35lbs)
ï¿½ Rackmount brackets supplied

Power

ï¿½ 100..240 VAC, 47..63 Hz, 1..0.5 A

Program Storage

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

Price: £3,676.80

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

Peace of Mind Packages

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