Sangoma Vega 200G Dual E1/T1 Digital Gateway



Product Name: Sangoma Vega 200G Dual E1/T1 Digital Gateway
Manufacturer: Sangoma
Model Number: VEGA-200-060KIT

Sangoma Vega 200G Dual E1/T1 Digital Gateway
The Sangoma Vega 200G VoIP gateway connects digital telephony equipment to IP networks. Each unit purchased is factory configured with capacity for 60 simultaneous calls. This unit cannot be expanded beyond 60 simultaneous calls.
The available Sangoma Resiliency Enablement Suite (SRES) makes the Vega 200G the most resilient gateway in it is class. In the event of a WAN failure, IP phones behind the Vega gateway can continue to call each other, be routed to a backup switch or connected directly to the PSTN. In addition, the use of the Sangoma Network Appliance Provisioning (SNAP) tool makes the Vega 200G the easiest to provision gateway on the market.
Sangoma Vega 200G Key Features

ï¿½ Fixed Configuration of 60 VoIP Calls
ï¿½ Supports dual gigabit Ethernet connections
ï¿½ Local Survivability
ï¿½ Available SRES and SNAP Support
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

Each E1/T1 interface can be independently configured as network side or terminal side. The Vega 200G gateway can therefore be connected to a PBX or the PSTN. This configuration provides:

ï¿½ No disruption to the configuration of existing equipment
ï¿½ Flexibility & choice for call routing

Sangoma Vega 200G Dual E1/T1 Digital Gateway - Technical Specifications
VoIP Interfaces

ï¿½ SIP
ï¿½ Audio codecs:• G.711 (a-law/μ-law) (64 kbps)• G.729a (8kbps)• G.723.1 (5.3/6.4 kbps)• G.726
ï¿½ FAX Support – up to G3 FAX, using T.38
ï¿½ Modem Support – up to V.90, using G.711
ï¿½ Up to 60 VoIP channels

Telephony Interfaces E1

ï¿½ Euro-ISDN
ï¿½ ISO QSIG
ï¿½ VN4
ï¿½ CAS R2MFC

Telephony Interfaces T1

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

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LAN Interfaces

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

Identification

ï¿½ Caller ID presentationCaller ID screening allows connections to be accepted only from selected call sourcesSIP Registration & Digest Authentication

Operations, Maintenance and Billing

ï¿½ HTTP(S) web serverRADIUS Accounting & Login Remote firmware upgrade:• Auto code upgrade • Auto configuration upgrade SNMP V1, V2 & V3TFTP/FTP supportVT100 – RS232/Telnet/SSH

Routing and Numbering

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

Call Quality

ï¿½ Adaptive jitter removalComfort noise generationSilence suppression802.1p/Q VLAN taggingDifferentiated Services (DiffServ)Type of Service (ToS)QoS statistics reportingEcho cancellation (G.168 up to 128ms)

Security and Encryption

ï¿½ Management – HTTPS, SSH TelnetConfigurable user login passwordsSIP/TLS and SRTP

Certification

ï¿½ EN55022
ï¿½ EN55024
ï¿½ FCC Part 15
ï¿½ AS/NZS3548
ï¿½ EN60950
ï¿½ IEC60950
ï¿½ UL60950
ï¿½ AS/NZS60950
ï¿½ E1: TBR4
ï¿½ T1: FCC Part 68
ï¿½ T1: CS-03
ï¿½ VCC

Environmental

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

Indicators

ï¿½ ISDN: NT/TE & Link up

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ï¿½ LAN: speed / activity

Dimensions

ï¿½ 270mm(W) x 155mm(D) x 43mm(H)
ï¿½ Weight: 1.2kgs
ï¿½ Rackmount ears supplied: 107mm (2-pieces)

External Power Supply

ï¿½ 100..240 VAC, 47..63 Hz, 1..0.5 A

Program Storage

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

Price: £1,616.70

Options available for Sangoma Vega 200G Dual E1/T1 Digital Gateway :

Peace of Mind Packages

Platinum (+£190.91), Not Required, Gold (+£127.27).