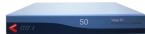# Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115

Product Name: Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115
Manufacturer: -
Model Number: VEGA-050-08BRIN

Please Note: This product has been discontinued.

Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115
The Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115 connects a range of legacy telephony equipment, including PBXs, ISDN telephones, the ISDN, analog phones & the PSTN to IP networks.
The Sangoma Vega 50 VS0115 Gateway media supports up to 10 analog ports, or 8 basic rate ISDN channels on 4 physical interfaces. The following gateway configurations are available as standard:
Service Provider Applications:

ï¿½ Customer premises gateway for SIP trunking
ï¿½ FXS endpoints for IP Centrex
ï¿½ Survivability for IP phones

Enterprise Applications:

ï¿½ Enterprise VoIP networking
ï¿½ PSTN trunking for IP-PBXs

BRI / ISDN2

ï¿½ 8 BRI interfaces (16 channels)

Each BRI interface can be independently configured as network side or terminal side. The Vega 50 media gateway can, therefore, be connected to both a PBX & the ISDN simultaneously. This configuration provides:

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

Enhanced Network Proxy (ENP) (Optional)
This option enables continuity of service during WAN/SIP outage and may be configured to operate in a number of ways including:

ï¿½ Standalone proxy
ï¿½ IP device survivability
ï¿½ IP device call routing
ï¿½ Emergency call routing
ï¿½ SIP to SIP call routing

Open, Non-Proprietary Interfaces
Sangoma Vega 50 Europa Gateways support ETSI BRI. Analog Vega 50 media gateways support standard loop start signalling. Vega 50 media gateways have proven interoperability with a wide range of existing telecommunications & VoIP equipment. All VegaStream gateways can support SIP, H.323 & T.38 FAX. The gateways can be configured for different country

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requirements, such as tones & line impedance.

Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115 Technical Specifications
VoIP Interface

ï¿½ SIP
ï¿½ H.323 version 4
ï¿½ Audio codecs:

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

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 16 VoIP channels

Telephony Interfaces ETSI BRI

ï¿½ 2 or 4 S/T interfaces presented on RJ45
ï¿½ Point to point or point to multipoint
ï¿½ Each interface can be configured NT or TE

LAN Interfaces

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

Telephony Features
Available on FXS ports:

ï¿½ Call Waiting
ï¿½ Call Forward   Unconditional, Busy, No-Answer
ï¿½ Call Transfer   Blind, Consultative
ï¿½ 3 Way Conference
ï¿½ Do Not Disturb
ï¿½ Message Waiting Indicator – Audible, Visual
ï¿½ Music on Hold
ï¿½ Executive Barge

Identification

ï¿½ Caller ID presentation
ï¿½ Caller ID screening allows connections to be accepted only from selected call sources
ï¿½ H.323 gatekeeper registration
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:

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

ï¿½ SNMP V1, V2 & V3
ï¿½ Syslog
ï¿½ TFTP / FTP support
ï¿½ VT100   RS232 / Telnet/SSH
ï¿½ Voice readback of IP parameters

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
ï¿½ FXS ports support Call Waiting & Call transfer (blind & consultative)
ï¿½ NAT traversal

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)

Security & Encryption

ï¿½ Media – SRTP (Optional)
ï¿½ SIP – TLS (Optional)
ï¿½ Management – HTTPS, SSH Telnet
ï¿½ Configurable user login passwords
ï¿½ Enhanced Network Proxy (ENP) (Optional)

Certification
EMC (Class A)

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

Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115

ï¿½ TBR21 (FXO)
ï¿½ FCC Part 68
ï¿½ CS-03
ï¿½ TBR3 (BRI)

Environmental

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

FXS Line Length

ï¿½ 1500ohm, up to 8km

Indicators
LED:

ï¿½ LAN: speed / activity

Physical Dimensions

ï¿½ 299.73mm (11.80") x 44.45mm (1.75") x 237.06mm (9.33") width/height/depth
ï¿½ Weight: 1.02kg (unit only)
ï¿½ Rackmount brackets supplied

Power

ï¿½ Standard product: External 12V 24W AC/DC adapter

Program Storage

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

Please Enquire

Options available for Sangoma Vega 50 Gateway 8 x BRI 16 Channels VS0115 :

Require Phantom Power
Not Required,   Required.

Peace of Mind Packages
Platinum,   Silver,   Not Required,   Gold,   Advanced Hardware Replacement.