

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:

- Customer premises gateway for SIP trunking

- FXS endpoints for IP Centrex

- Survivability for IP phones

Enterprise Applications:

- Enterprise VoIP networking

- PSTN trunking for IP-PBXs

BRI / ISDN2

- 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:

- No disruption to the configuration of existing equipment

- 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:

- Standalone proxy

- IP device survivability

- IP device call routing

- Emergency call routing

- 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

- SIP

- H.323 version 4

- Audio codecs:

- G.711 (a-law/µ-law) (64 kbps)

- G.729a (8kbps)

- G.723.1 (5.3/6.4 kbps)

- Clearmode

- GSM (Optional)

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

- Modem Support – up to V.90, using G.711

- Up to 16 VoIP channels

Telephony Interfaces ETSI BRI

- 2 or 4 S/T interfaces presented on RJ45

- Point to point or point to multipoint

- Each interface can be configured NT or TE

LAN Interfaces

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

Telephony Features

Available on FXS ports:

- Call Waiting

- Call Forward Unconditional, Busy, No-Answer

- Call Transfer Blind, Consultative

- 3 Way Conference

- Do Not Disturb

- Message Waiting Indicator – Audible, Visual

- Music on Hold

- Executive Barge

Identification

- Caller ID presentation

- Caller ID screening allows connections to be accepted only from selected call sources

- H.323 gatekeeper registration

- SIP Registration & Digest Authentication

Operations, Maintenance & Billing

- HTTP(S) web server

- Radius Accounting & Login

- Remote firmware upgrade:

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- Auto code upgrade
- Auto configuration upgrade

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

Routing & Numbering

- Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration
- Direct Dialing In (DDI)
- SIP registration to multiple proxies
- FXS ports support Call Waiting & Call transfer (blind & consultative)
- NAT traversal

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)

Security & Encryption

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

Certification

EMC (Class A)

- EN55022
- EN55024
- FCC Part 15
- AS/NZS3548
- VCCI

Safety

- EN60950
- IEC60950
- UL60950
- AS/NZS60950

Telecoms

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• TBR21 (FXO)

• FCC Part 68

• CS-03

• TBR3 (BRI)

Environmental

• 0°C; .. 40°C

• 0% .. 90% humidity (non-condensing)

FXS Line Length

• 1500ohm, up to 8km

Indicators

LED:

• LAN: speed / activity

Physical Dimensions

• 299.73mm (11.80") x 44.45mm (1.75") x 237.06mm (9.33") width/height/depth

• Weight: 1.02kg (unit only)

• Rackmount brackets supplied

Power

• Standard product: External 12V 24W AC/DC adapter

Program Storage

• 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

[Required](#), [Not Required](#).

Peace of Mind Packages

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