

Sangoma Vega 50 Gateway 2 x BRI 4 Channels



Product Name: Sangoma Vega 50 Gateway 2 x BRI 4 Channels

Manufacturer: Sangoma

Model Number: VS0117

Sangoma Vega 50 Gateway 2 x BRI 4 Channels

The Vega 50 media gateway connects a range of legacy telephony equipment, including PBXs, ISDN telephones, the ISDN, analog phones & the PSTN to IP networks.

The Sangoma Vega 50 Gateway 2 x BRI 4 Channels 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

- 2 BRI interfaces (4 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

Vega 50 media 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 requirements, such as tones & line impedance.

Sangoma Vega 50 Gateway 2 x BRI 4 Channels Technical Specifications

VoIP Interfaces

- SIP

Sangoma Vega 50 Gateway 2 x BRI 4 Channels

- 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 8 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:

- Auto code upgrade
- Auto configuration upgrade

- SNMP V1, V2 & V3
- Syslog

Sangoma Vega 50 Gateway 2 x BRI 4 Channels

- 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

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

Sangoma Vega 50 Gateway 2 x BRI 4 Channels

Environmental

- 0° .. 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

Price: £278.19

Options available for Sangoma Vega 50 Gateway 2 x BRI 4 Channels :

Require Phantom Power

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