

₹ 50 ××××

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 & 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:

17.1/2 Customer premises gateway for SIP trunking

ï¿1/2 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:

า๊¿½ No disruption to the configuration of existing equipment

ï¿⅓ Flexibility & proice 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¿1/2 Standalone proxy

� IP device survivability

آذِ½ IP device call routing

� Emergency call routing

ï¿1/2 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 & DIP equipment. All VegaStream gateways can support SIP, H.323 & DIP equipment. The gateways can be configured for different country



requirements, such as tones & amp; line impedance.

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

SIP ينزة

ï¿1/2 H.323 version 4

ï¿⅓ Audio codecs:

ï¿1/2 G.711 (a-law/µ-law) (64 kbps)

ï¿⅓ G.729a (8kbps)

ï¿1/2 G.723.1 (5.3/6.4 kbps)

� Clearmode

� GSM (Optional)

آزار 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

ï¿1/2 Point to point or point to multipoint

آذِ1/2 Each interface can be configured NT or TE

LAN Interfaces

ï¿1/2 2 RJ-45s, 10 BaseT / 100 BaseTX, full / half duplex

Telephony Features

Available on FXS ports:

ï¿1/2 Call Waiting

ī¿½ Call Forward Unconditional, Busy, No-Answer

� Call Transfer Blind, Consultative

ï¿1/2 3 Way Conference

ï¿⅓ Do Not Disturb

ï¿1/2 Message Waiting Indicator – Audible, Visual

ï¿⅓ Music on Hold

� Executive Barge

Identification

� Caller ID presentation

i¿½ Caller ID screening allows connections to be accepted only from selected call sources

ï¿⅓ H.323 gatekeeper registration

تزرير SIP Registration & Digest Authentication

Operations, Maintenance & Dilling

� HTTP(S) web server

� Radius Accounting & Dipin

� Remote firmware upgrade:



ï¿1/2 Auto code upgrade

ï¿1/2 Auto configuration upgrade

ï¿1/2 SNMP V1, V2 & amp; V3

ï¿⅓ Syslog

ïز½ TFTP / FTP support

ï¿1/2 VT100 RS232 / Telnet/SSH

� Voice readback of IP parameters

Routing & amp; Numbering

าั¿½ Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration

� Direct Dialing In (DDI)

ï¿⅓ SIP registration to multiple proxies

آذِالِي FXS ports support Call Waiting & Call transfer (blind & Consultative)

ï¿⅓ NAT traversal

Call Quality

� Adaptive jitter removal

� Comfort noise generation

� Silence suppression

ï¿1/2 802.1p/Q VLAN tagging

� Differentiated Services (DiffServ)

� Type of Service (ToS)

� QoS statistics reporting

� Echo cancellation (G.168 up to 128ms)

Security & amp; Encryption

� Media – SRTP (Optional)

ï¿1/2 SIP – TLS (Optional)

ï¿⅓ Management – HTTPS, SSH Telnet

� Configurable user login passwords

� Enhanced Network Proxy (ENP) (Optional)

Certification

EMC (Class A)

� EN55022

� EN55024

آز½ FCC Part 15

ï¿1/2 AS/NZS3548

ï¿⅓ VCCI

Safety

� EN60950

� IEC60950

� UL60950

ï¿1/2 AS/NZS60950

Telecoms



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

Environmental

� 0° .. 40°C

� 0% .. 90% humidity (non-condensing)

FXS Line Length

ï¿1/2 1500ohm, up to 8km

Indicators LED:

ï¿1/2 LAN: speed / activity

Physical Dimensions

រី¿ $\frac{1}{2}$ 299.73mm (11.80") x 44.45mm (1.75") x 237.06mm (9.33") width/height/depth រី¿ $\frac{1}{2}$ Weight: 1.02kg (unit only)

� Rackmount brackets supplied

Power

ï¿1/2 Standard product: External 12V 24W AC/DC adapter

Program Storage

ī¿½ Code & amp; configuration data are stored in FLASH & amp; 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.