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Product Name: Sangoma Vega 50 Gateway 8 FXS + 2 FXO VS0113

Manufacturer: -

Model Number: VEGA-050-0802

Please Note: This product has been discontinued.

Sangoma Vega 50 Gateway 8 FXS + 2 FXO VS0113

The Sangoma Vega 50 Gateway 8 FXS + 2 FXO VS0113 connects a range of legacy telephony equipment, including PBXs, ISDN telephones, the ISDN, analog phones & ESTN to IP networks.

The Sangoma Vega 50 Gateway 8 FXS + 2 FXO 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:

า๊¿½ Customer premises gateway for SIP trunking

ï¿⅓ FXS endpoints for IP Centrex

� Survivability for IP phones

Enterprise Applications:

ï¿1/2 Enterprise VoIP networking

ï¿1/2 PSTN trunking for IP-PBXs

Analog

ï¿⅓ 8 FXS + 2 FXO

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

ï¿1/2 IP device survivability

ï¿1/2 IP device call routing

� Emergency call routing

� SIP to SIP call routing

Open, Non-Proprietary Interfaces

Sangoma Vega 50 Gateway 8 FXS + 2 FXO VS0113 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 & proven samp; VoIP equipment. All VegaStream gateways can support SIP, H.323 & FAX. The gateways can be configured for different country requirements, such as tones & proven support SIP, H.323 & proven support SIP,

Lifeline PSTN Backup

Sangoma Vega 50 Europa Gateway media variants equipped with FXS ports are also fitted with two FXO ports. When powered the Vega can route calls to or from these two FXO ports. Under power failure conditions the two FXO ports provide a hard-wired bypass to two FXS ports allowing PSTN calls to be made even under this failure condition.

Sangoma Vega 50 Gateway 8 FXS + 2 FXO VS0113 Technical Specifications VoIP Interfaces



ï¿⅓ SIP

ï¿1/2 H.323 version 4

� 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

ï¿⅓ GSM (Optional)

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

า๊ะ่½ Modem Support – up to V.90, using G.711

� Up to 8 VoIP channels

Telephony Interfaces

Analog

ï¿1/2 8 FXS ports with 2 FXO ports presented on RJ11

ï¿1/2 8 FXO ports presented on RJ11

ï¿1/2 600R, 900R or CTR-21 line impedance

LAN Interfaces

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

Telephony Features

Available on FXS ports:

ï¿⅓ Call Waiting

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

� Call Transfer Blind, Consultative

ï¿⅓ 3 Way Conference

آز½ Do Not Disturb

ī స్ట్రీ Message Waiting Indicator – Audible, Visual

ï¿⅓ Music on Hold

ï¿1/2 Executive Barge

Identification

� Caller ID presentation

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

ï¿⅓ H.323 gatekeeper registration

ï¿1/2 SIP Registration & Digest Authentication

Operations, Maintenance & Dilling

� HTTP(S) web server

ï¿⅓ Radius Accounting & mp; Login

� Remote firmware upgrade:

� Auto code upgrade

� Auto configuration upgrade



ï¿1/2 SNMP V1, V2 & amp; V3

آز½ Syslog

آزٰ½ TFTP / FTP support

ï¿1/2 VT100 RS232 / Telnet/SSH

� Voice readback of IP parameters

Routing & amp; Numbering

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

� Direct Dialing In (DDI)

ï¿⅓ SIP registration to multiple proxies

آزا FXS ports support Call Waiting & EXS ports support Call Waiti

ï¿1/2 NAT traversal

Call Quality

ï¿1/2 Adaptive jitter removal

� Comfort noise generation

ï¿1/2 Silence suppression

ï¿1/2 802.1p/Q VLAN tagging

� Differentiated Services (DiffServ)

� Type of Service (ToS)

� QoS statistics reporting

ï¿1/2 Echo cancellation (G.168 up to 128ms)

Security & amp; Encryption

� Media – SRTP (Optional)

� SIP – TLS (Optional)

تز½ Management – HTTPS, SSH Telnet

� Configurable user login passwords

� Enhanced Network Proxy (ENP) (Optional)

Certification

EMC (Class A)

12½ EN55022

� EN55024

آذِ½ FCC Part 15

� AS/NZS3548

� VCCI

Safety

� EN60950

� IEC60950

� UL60950

ï¿1/2 AS/NZS60950

Telecoms

ï¿⅓ TBR21 (FXO)

73% FCC Part 68 آئ



ϊ¿½ CS-03 ϊ¿½ TBR3 (BRI)

Environmental

� 0° .. 40°C

 $\ddot{1}$ 2 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

� 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

16/2 Rackinount brackets so

Power

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

Program Storage

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

Please Enquire

Options available for Sangoma Vega 50 Gateway 8 FXS + 2 FXO VS0113 :

Peace of Mind Packages

Advanced Hardware Replacement, Gold, Not Required, Platinum, Silver.