Product Name: 3CX Small Business Edition (3CXPSSB) with Sangoma Vega 50 Gateway 4 x FXO

Manufacturer: 3CX

Model Number: 3CXPSSB-VS0119

3CX Windows IP PBX SBE - 8 Simultaneous calls (3CXPSSB)with Sangoma Vega 50 Gateway 4 x FXO

Please Note: This product has been discontinued. For an alternative, please see the 3CX range.

Bundle Features:

• 3CX Small Business Edition - 8 Simultaneous Calls
• Sangoma Vega 50 Gateway - 4 x FXO

The 3CX IP PBX for Windows is a software based IP PBX that replaces the traditional proprietary hardware PBX. 3CX has been developed specifically for Microsoft Windows and is fully SIP compliant - making it easier to manage and allowing you to use any SIP phone (software or hardware).

The Sangoma Vega 50 Gateway connects a range of legacy telephony equipment, including PBXs, ISDN telephones, the ISDN, analog phones & the PSTN to IP networks. The Vega 50 Gateway media supports up to 10 analog ports, or 8 basic rate ISDN channels on 4 physical interfaces.

Sangoma Vega 50 Gateway 4 x FXO Technical Specifications

VoIP Interfaces

• 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 8 VoIP channels

Analog Telephony Interfaces

• 4 or 8 FXS ports with 2 FXO ports presented on RJ11
• 4 or 8 FXO ports presented on RJ11
• 600R, 900R or CTR-21 line impedance

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
• 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)

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

Please Enquire