

Vega 50 FXS

Media Gateway

TECHNICAL SPECIFICATIONS

Interfaces

VoIP Interface:

- » SIP
 - » Audio Codecs:
 - > G.711 (a-law/ μ -law)
 - > G.729a (8kbps)
 - > G.723.1 (5.3/6.4 kbps)
 - > G.726
 - > T.38
- » Fax support - up to G3 FAX, using T.38
- » Modem support - up to V.90, using G.711
- » Up to 8 VoIP channels
- » H.323 version 4

Telephony Interface:

- » ETSI BRI
 - > 2x or 4x S/T interfaces presented on RJ-45
 - > Point to point or point to multipoint
 - > Each interface can be configured NT or TE
- » Analog
 - > 4x or 8x FXS ports with 2 FXO ports presented on RJ-11
 - > 4x or 8x FXO ports presented on RJ-11
 - > 600R, 900R or CTR-21 line impedance

LAN Interface:

- » 2x RJ-45, 10BaseT / 100BaseTx, full / half duplex

Features

Telephony Features:

- » 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
- » Caller ID presentation & screening
- » H.323 gatekeeper registration
- » SIP registration & digest authentication

Operations, Maintenance & Billing:

- » HTTP(S) web server
- » RADIUS accounting & login
- » Remote firmware upgrade
- » Auto configuration upgrade
- » SNMP V1, V2 & V3
- » Syslog
- » TFTP/FTP support
- » VT100 – RS232/Telnet/SSH
- » Voice readback of IP parameters

Routing & Numbering:

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

Call Quality:

- » Adaptive jitter removal
- » Silence suppression
- » Type of Service (ToS)
- » Differentiated Services (DiffServ)
- » Comfort noise generation
- » 802.1p/Q VLAN tagging
- » QoS statistics reporting
- » Echo cancellation (G.168 up to 64ms tail)

Security & Encryption: *Optional

- » *Media – SRTP
- » *SIP – TLS
- » Management – HTTPS, SSH Telnet
- » Configurable user login passwords
- » Local Survivability

Hardware

Certification:

- » EMC (CLASS B)
 - > EN55022
 - > EN55024
 - > FCC Part 15
 - > AS/NZS3548
- » Safety
 - > EN60950
 - > IEC60950
 - > UL60950
 - > AS/NZS60950

Environmental:

- » 0° .. 40°C
- » 0% .. 90% humidity (non-condensing)

FXS Line Length:

- » 1500ohm, up to 8km

LED Indicators:

- » LAN: Speed/Activit



Dimensions:

- » 300mm (W) x 237mm (D) x 45mm (H)
- » Weight: 1kgs (2.2lbs)
- » Rackmount brackets supplied

Power Supply:

- » External 12V 24W AC/DC adapter