

## Vega 3000G

## Analog Gateway

### TECHNICAL SPECIFICATIONS

#### Interfaces

##### VoIP Interface:

- » SIP
- » Fax support - up to G3 FAX, using T.38
- » Modem support - up to V.90, using G.711
- » Up to 24 VoIP channels
- » Audio Codecs:
  - > G.711 (a-law/ $\mu$ -law)
  - > G.729a (8kbps)
  - > G.723.1 (5.3/6.4 kbps)
  - > G.726
  - > T.38

##### Telephony Interface:

- » 24 FXS ports on an RJ-21 connector
- » 600R, 900R or CTR-21 line impedance

##### LAN Interface:

- » 1x RJ-45 Gigabit Ethernet
- » 1000BaseT / 100BaseTx / 10BaseT, full / half duplex

##### USB Interface:

- » 1x USB 2.0 for extra storage

#### 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 – UK, DTMF, Bellcore GR30, ETSI
- » Caller ID screening
- » SIP registration & digest authentication

##### Operations, Maintenance & Billing:

- » HTTP(S) web server
- » RADIUS accounting & login
- » Remote firmware upgrade
- » Auto configuration upgrade
- » SNMP V1, V2 & V3
- » TR-069
- » Syslog
- » TFTP/FTP support
- » VT100 – RS232/Telnet/SSH
- » Voice readback of IP parameters



Front



Back

##### Routing & Numbering:

- » Direct Dialing In (DDI)
- » SIP registration to multiple proxies
- » Dial planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration

##### 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 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:

- » EMC (CLASS B)
  - > 0° .. 40°C
  - > 0% .. 90% humidity (non-condensing)

##### FXS Line Length:

- » 8 km at 1 REN, depending on environment

##### LED Indicators:

- » System: Power/System Ready/Activity
- » LAN: Speed/Activity

##### Dimensions:

- » 1U: 270mm (W) x 155mm (D) x 45mm (H)
- » Weight: 1.5kgs (3.31lbs)
- » Rackmount ears supplied: 107mm (2 pieces)

##### Power Supply:

- » External AC adapter
- » DC output 12V/5A (60W)
- » 100–240 VAC (50/60 Hz)

