Product Name: Vegastream Vega 400 - 4 x E1 (15 Channels)

Manufacturer: Vegastream

Model Number: VS0111-15

Availability: DiscontinuedPlease note that the Vegastream Vega 400 Gateway has been discontinued. We recommend the Sangoma Vegastream Vega 400 as a good alternative.

Vegastream Vega 400 - 4 x E1 (15 Channels)

The Vega 400 digital gateway connects digital telephony equipment to IP networks. All Vega 400 gateways have four E1 / T1 interfaces and can be purchased with various VoIP capacities up to 120 VoIP channels.

The Vega 400 has been designed with future expansion in mind and consists of:

• Base Vega 400 unit with expansion slots
• Field-installable expansion modules to provide additional VoIP channel capacity

A Vega 400 unit can therefore be installed with one VoIP channel capacity and then later additional capacity can be provisioned as and when it is needed.

Each E1 / T1 interface can be independently configured as network side or terminal side. The Vega 400 gateway can, therefore, be connected to a PBX and the PSTN simultaneously. This configuration provides:

• No disruption to the configuration of existing equipment
• Flexibility and choice for call routing

Open, Non-Proprietary Interfaces

The Vega 400 gateway supports the following signaling schemes:

• ETSI ISDN
• NI1, NI2, AT&T 5ESS, DMS100
• ISO QSIG Basic Call and QSIG feature transparency
• Channel Associated Signaling (CAS)

All VegaStream gateways can support SIP, H.323 and T.38 fax.

The Vega 400 gateway has proven interoperability with a wide range of existing telecommunications and VoIP equipment.

Interfaces VoIP Protocols

• SIP
• H.323 version 4
• Audio codecs:
• G.723.1 (5.3/6.4 kbps)
• G.729a (8 kbps)
• G.711 (a-law/µ-law) (64 kbps)
• Fax Support - up to G3 fax, using T.38
• Modem Support - up to V.90, using G.711
• Up to 120 VoIP channels

Telephony Interface Primary Rate ISDN (User configurable NT/TE):
4 x E1

• Euro-ISDN
• ISO QSIG
• QSIG Feature Transparency (H.323)
• CAS R2MFC

4 x T1

- NI1/NI2
- AT&T 5ESS
- DMS100
- CAS (RBS) - E&M wink start - Loop start - Ground start
- ISO QSIG
- QSIG Feature Transparency (H.323)

LAN Interface

- 2 x 10 BaseT / 100 BaseTX, full or half duplex

Features
Identification

- Caller ID presentation
- Caller ID screening allows connections to be accepted only from selected call sources
- H.323 gatekeeper registration
- SIP Registration and Digest Authentication

Operations, Maintenance and Billing

- HTTP web server
- Radius Accounting
- Remote firmware upgrade:
- Auto code upgrade
- Auto configuration upgrade
- SNMP
- TFTP/FTP support
- VT100 - RS232/Telnet

Routing and Numbering

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

Hardware Certification
Environmental

- 0° .. 40°C

- 0% .. 90% humidity (non-condensing)

Indicators LED:

- Power
- ISDN: NT/TE and Link up
- > LAN: Speed, Activity

Physical Dimensions

- 437mm (17.2") x 43mm (1.7") x 275mm (10.8") width/height/depth
- Industrial rackmount: 483mm (19"), 1U
- Weight: 6.5kgs

Power

- 100..240 VAC, 47..63 Hz, 1..0.5 A
- -48V DC also available, 1.2A (Max)

Price: £1,917.00