Vegastream Vega 400 - 4 x E1 (15 Channels)

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:

ï¿½ Base Vega 400 unit with expansion slots

ï¿½ 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:

ï¿½ No disruption to the configuration of existing equipment

ï¿½ Flexibility and choice for call routing

Open, Non-Proprietary Interfaces

The Vega 400 gateway supports the following signaling schemes:

ï¿½ ETSI ISDN

ï¿½ NI1, NI2, AT&T 5ESS, DMS100

ï¿½ ISO QSIG Basic Call and QSIG feature transparency

ï¿½ 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

ï¿½ SIP

ï¿½ H.323 version 4

ï¿½ Audio codecs:

ï¿½ G.723.1 (5.3/6.4 kbps)

ï¿½ G.729a (8 kbps)

ï¿½ G.711 (a-law/µ-law) (64 kbps)

ï¿½ Fax Support - up to G3 fax, using T.38

ï¿½ Modem Support - up to V.90, using G.711

ï¿½ Up to 120 VoIP channels

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

4 x E1

ï¿½ Euro-ISDN

ï¿½ ISO QSIG

ï¿½ QSIG Feature Transparency (H.323)

ï¿½ CAS R2MFC

Vegastream Vega 400 - 4 x E1 (15 Channels)

4 x T1

ï¿½ NI1/NI2
ï¿½ AT&T 5ESS
ï¿½ DMS100
ï¿½ CAS (RBS) - E&M wink start - Loop start - Ground start
ï¿½ ISO QSIG
ï¿½ QSIG Feature Transparency (H.323)

LAN Interface

ï¿½ 2 x 10 BaseT / 100 BaseTX, full or half duplex

Features
Identification

ï¿½ Caller ID presentation
ï¿½ Caller ID screening allows connections to be accepted only from selected call sources
ï¿½ H.323 gatekeeper registration
ï¿½ SIP Registration and Digest Authentication

Operations, Maintenance and Billing

ï¿½ HTTP web server
ï¿½ Radius Accounting
ï¿½ Remote firmware upgrade:
ï¿½ Auto code upgrade
ï¿½ Auto configuration upgrade
ï¿½ SNMP
ï¿½ TFTP/FTP support
ï¿½ VT100 - RS232/Telnet

Routing and Numbering

ï¿½ Dial Planner - sophisticated call routing capabilities, standalone or gatekeeper/proxy
integration
ï¿½ Direct Dialing In (DDI)
ï¿½ SIP registration to multiple proxies
ï¿½ NAT traversal

Call Quality

ï¿½ Adaptive jitter removal
ï¿½ Comfort noise generation
ï¿½ Silence suppression
ï¿½ 802.1p/Q VLAN tagging
ï¿½ Differentiated Services (DiffServ)
ï¿½ Type of Service (ToS)
ï¿½ QoS statistics reporting
ï¿½ Echo cancellation (G.168 up to 128ms)

Hardware Certification
Environmental

Vegastream Vega 400 - 4 x E1 (15 Channels)

ï¿½ 0° .. 40°C
ï¿½ 0% .. 90% humidity (non-condensing)

Indicators LED:

ï¿½ Power
ï¿½ ISDN: NT/TE and Link up
ï¿½ > LAN: Speed, Activity

Physical Dimensions

ï¿½ 437mm (17.2") x 43mm (1.7") x 275mm (10.8") width/height/depth
ï¿½ Industrial rackmount: 483mm (19"), 1U
ï¿½ Weight: 6.5kgs

Power

ï¿½ 100..240 VAC, 47..63 Hz, 1..0.5 A
ï¿½ -48V DC also available, 1.2A (Max)

Price: £1,917.00