Vegastream Vega 50 6x4 - 4 FXS + 2 FXO

Product Name: Vegastream Vega 50 6x4 - 4 FXS + 2 FXO
Manufacturer: Vegastream
Model Number: -

Availability: Discontinued

The Vega 50 6x4 gateway connects a range of legacy telephony equipment, including PBXs, ISDN telephones, the ISDN, analog phones and the PSTN to IP networks. The Vega 50 6x4 supports up to 24 analog ports, up to 16 basic rate ISDN channels on 8 interfaces or a mixture of port types and capacities. The Vega 50 6x4 is available factory configured in a number of different configurations, other configurations are available to special order.

The following gateway is configured as follows:

- 4 FXS + 2 FXO

Each BRI interface can be independently configured as network side or terminal side. The Vega 50 6x4 gateway can, therefore, be connected to a PBX and the ISDN simultaneously. This configuration provides:

- No disruption to the configuration of existing equipment
- Flexibility and choice for call routing
- Analog interfaces on the Vega 50 6x4 can be configured as 600R, 900R or CTR-21

Open, Non-Proprietary Interfaces

The Vega 50 6x4 BRI interfaces supports ETSI BRI. The Vega 50 6x4, analog interfaces support standard loop start signalling. The Vega 50 6x4 gateways have proven interoperability with a wide range of existing telecommunications and VoIP equipment.

All VegaStream gateways can support SIP, H.323 and T.38 fax. The gateway can be configured for different country requirements, such as tones and line impedance.

Service Provider Applications:

- Customer premises gateway
- PSTN gateway

Enterprise Applications:

- Enterprise VoIP networking

Lifeline PSTN Backup

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Vega 50 6x4 variants equipped with FXS ports are also fitted with two FXO ports. When powered the Vega can route calls to or from these two FXO ports. Under power failure conditions the two FXO ports provide a hard-wired bypass to two FXS ports allowing PSTN calls to be made even under this failure condition.

Interfaces

VoIP Protocols

- SIP
- H.323 version 4Audio codecs:
- G.711 (a-law/µ-law) (64 kbps)
- G.729a (8kbps)
- G.723.1 (5.3/6.4 kbps)
- Fax Support - up to G3 fax, using T.38
- Modem Support - up to V.90, using G.711
- Up to 26 VoIP channels

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
- FXS ports support Call Waiting and
- Call transfer (blind and consultative)
- NAT traversal

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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

Environmental

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

Indicators

- LED:
- Power
- Vega ready
- Lifeline, FXS, FXO, BRI calls active
- BRI 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

Accessories

- 1 x RJ21 to punch down Connector
- 1 x RG21 to RJ45 cable (1.5m)

Power

- 100..240 VAC, 47..63 Hz, 1..0.5 A

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Program Storage

Code and configuration data are stored in FLASH and executed from RAM

Price: £790.00