

The Worlds Smallest, Fully Integrated Router and Multiplexer

designed specifically for

VSAT Networks, Satellite News Gathering, Flyaway Systems, DVB-RCS, Milsatcom & Inmarsat



FEATURES AT A GLANCE	V25
Multiplexer	<input checked="" type="checkbox"/>
TCP/IP Router Ports	2
PEP Accelerator	<input checked="" type="checkbox"/>
Voice Channels	2
Serial Aggregate	<input checked="" type="checkbox"/>
TCP/IP Aggregate	<input checked="" type="checkbox"/>
ISDN Aggregate	<input type="checkbox"/>

The V25 Unit

The replacement for high cost network routers and third party TCP over satellite accelerators : the replacement for IDR comms cards in satellite modems : the replacement for heavy field deployed multiplexers and routers....

The V25 is the flexible next generation mux/router with a huge capability, in a very small chassis - essential for your satellite network

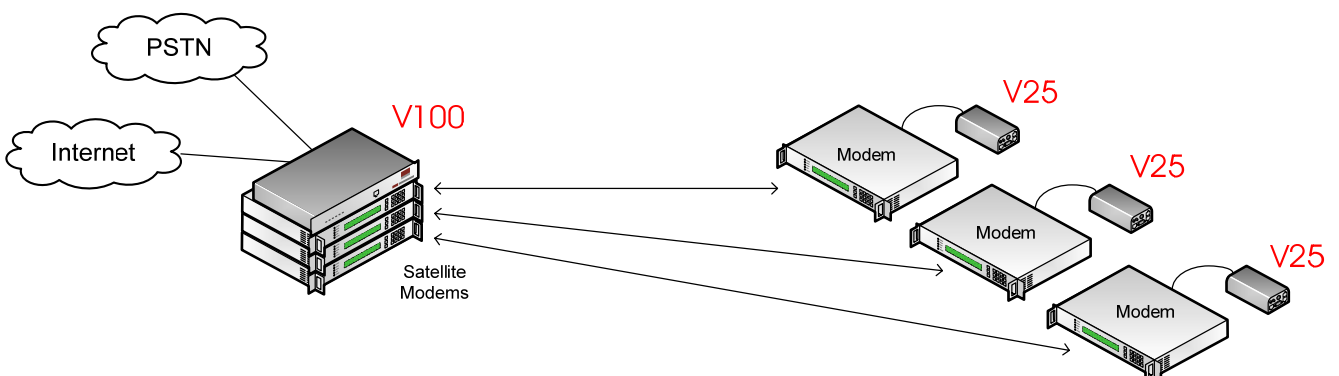
The single chassis weighs only 350g - about the same as a can of coke - and provides full Vocality multiplexer and router functionality, including 2 voice ports, a dual port router and satellite accelerator and multiplexed serial data. The V25 offers the same Dynamic Bandwidth Allocation, tributary and aggregate flexibility that users of the other multiplexers from Vocality have come to enjoy. Quality of Service is offered to serial and voice services, ensuring crypto telephone circuits and 4 wire compressed audio circuits are delivered with maximum audio quality.

The Aggregates

The V25 can interface to Vocality International's V50, V100 or V200 units as well as other V25 units using either TCP/IP or serial aggregates. The V25 also offers a USB2 interface for future integration with Inmarsat systems.

Application Suggestions

- News Gathering Communications (Phones, 4 Wire, Internet Access)
- High QoS Voice over Inmarsat BGAN, DVB-RCS and IP based TDMA Networks (eg. Vipersat)
- Emergency Order Wire Services
- Bridge Router with TCP Acceleration
- Low Cost Telephony Booths
- Military Man-Pack Systems
- Integrated Flyaway Low Weight/Low Power Systems



COMPATIBILITY	V50	V100	V200
Serial Data	☑	☑	☑
TCP/IP Routing	☑	☑	☑
PEP Accelerator	☑	☑	☑
Compressed Voice	☑	☑	☑
Secure Voice (Analogue Voice SVR Card)	☒	☒	n/a
Secure Voice (Digital Voice SVR Card)	n/a	☑	☑



Aggregate Ports:-

Serial Port #1

5Mbps Serial

Network Interface #1

For TCP/IP Aggregates such as IP Satellite Networks

USB Port

For Future Inmarsat BGAN Connectivity



Tributary Ports:-

Two Voice Ports

Configurable as 2 Wire FXS or Clear 4 Wire with Fax and Modem Support and Optional Secure Voice Relay Module

Network Interface #2

Bridge/Router with Optional PEP TCP Accelerator

Serial Port #2

Up to 5Mbps, offering soft selectable choice of RS449, RS530, X.21, RS232, RS422 or V.35

Supervisor Port

Serial Using a Locking Mini-Din Interface

Physical:-

Dimensions

40mm x 80mm x 175mm or 1.6" x 3.2" x 6.9"

LED Status Indicators

6 Red/Green on lid for Status, Port1, Port2, Voice1, Voice2, USB (LED remote installation kit also available)

Power

Locking Power Socket with a Small External AC to DC Adapter DC Input 9 to 18 V @ 2A / 10 Watts

Weight

350g (approx 12oz)



Marlec Pty Ltd ABN 23 065 295 605
Unit 2/41 Herbert Street
ARTARMON NSW 2064
Phone: 1800 045 801
Fax: 61 (0)2 9436 2345
Email: sales@marlec.com.au

All information contained in this document is for guidance only and does not form any part of a contract. Vocality operates a policy of continuous improvement and reserves the right to make specification changes.

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ABN: 23 065 295 605
Unit 2/41 Herbert Street
ARTARMON NSW 2064
P: 1800 045 801
F: 02 9436 2345
E: sales@marlec.com.au
www.marlec.com.au

Vocality International Ltd

Lydling Barn, Puttenham Lane,
Shackleford Surrey
GU8 6AP, United Kingdom
Tel +44 1483 813 130
Fax +44 1483 813 131
Main Switchboard +44 1483 813 120
Email sales-europe@vocality.com

Vocality Inc.

560 Herndon Parkway
Suite 110
Herndon VA 20170
United States
Tel (703)766-3283
Fax (703)766-3288
Email sales-usa@vocality.com

Vocality Pty Ltd

Suite 18
Mt Penang Parklands
Kariong, Gosford NSW 2250
Australia
Tel +61 2 4340 2510
Fax +61 2 4340 2514
Email sales-pacific@vocality.com

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ABN: 23 065 295 605
Unit 2/41 Herbert Street
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