

# V200

High Density Powerful Platform

vocality  
international

PRO Range



## Introduction

Vocality International is the industry's leading specialist router and multiplexer manufacturer solely dedicated to the provision of hardware to the satellite communications and military satcom markets.

The V200 offers the completely powerful, large network solution delivering voice and data into large, mission critical networks capable of connecting large sites, or many of Vocality's smaller units such as the V25, V50plus or V150.

All option cards offer some degree of redundancy capability, ensuring the V200 can be relied upon in the most demanding of applications. By loading the 9th slot with a second PSU Card, the unit can achieve power redundancy. It's no wonder that such a large number of V200 units are chosen for military and mission critical applications.

## UTILISED AS

- Voice/Data Multiplexer
- Bridge/Router
- VoIP Gateway
- TCP Accelerator (PEP)

## SUPPORT FOR

- Secure Analogue Voice
- Clear Analogue Voice
- Digital Voice
- VoIP
- Serial
- ISDN Voice and Secure VTC
- IP

## APPLICATIONS INCLUDE

- Military Operational Comms
- Military Welfare Comms
- Broadcasting and SNG Order Wire Comms
- Oil and Gas Platforms, Pipelines and Exploration
- Rural Telephony and Internet Service Provision

spec sheet

# V200

## SPECIFICATION

The V200 is delivered as an empty chassis. BAY A in the chassis then needs to be loaded with a High Speed CPU Card (gigabit bridge/router + high speed serial data), and BAY J needs to be loaded with a Power Supply Card. All BAYS in between can be loaded with any number of the option modules below.

### V200 Chassis

Option bays A to H support the full range of option cards in any combination.

Option bay J is always used as a power supply slot, whilst option bay I can support either a standard interface card or an optional redundant power supply unit (recommended configuration).

Users will be required to equip a V200 chassis with a minimum of one High-speed CPU option card in Bay A (consisting of CPU, serial data, dual port router and M&C port) and at least one power supply card, in Bay J.

### MECHANICAL:

Form Factor:	3RU 19" rackmount enclosure
Maximum number of cards:	10
Cooling:	Forced air cooling from dual filtered inlet fans
Dimensions:	482 x 355 x 132mm
Indicators:	10 red/green on front panel and rear panel card-specific
Weight (Chassis+CPU+PSU):	6.5Kg

### FUNCTIONAL:

Standard Features:	Hot Swap Card Slots
	Real Time Clock Device
	Temperature, Voltage and Fan Speed Monitoring
	TCP PEP (Performance Enhancing Proxy)
	SNMP Management

### HARDWARE OPTIONS

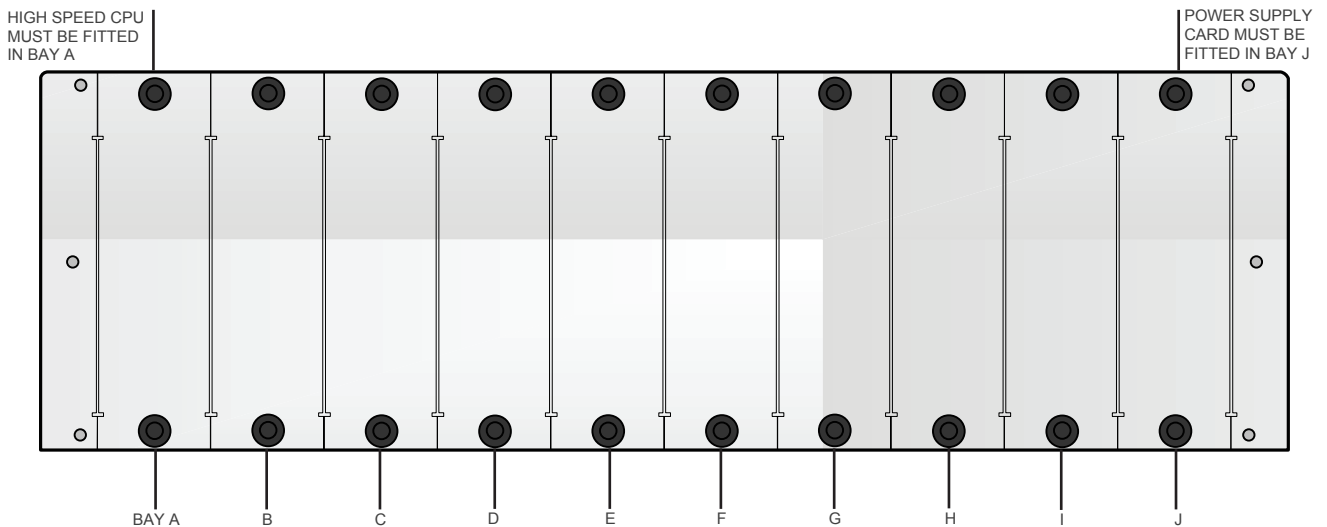
Up to ten option cards may be installed in the V200 from the V200 or V150 range. All V150 range option cards are based on the Standard CPU Card.

V200 is a product under continuous development. Information given in these pages is for general information only and is subject to change.

### MODULES AVAILABLE

- 68201 High-speed CPU (V200)
- 68204 High-speed Quad Data (expandable to 12 channels)
- 68207 E1/T1 Digital Voice
- 68151 Standard CPU
- 68153 FXS Analogue Voice
- 68156 FXO Analogue Voice
- 68154 Ethernet Switch
- 68154/PoE Ethernet Switch (Power over Ethernet)
- 68157 ISDN BRI (1 or 4 BRI)

Unlike other products in the range, the V200 has PEP (TCP Acceleration) functionality pre-activated, to provide acceleration of their TCP traffic over satellite. The units can also be upgraded with the addition of VoIP (Bandwidth Optimised SIP) by turning on the VoIP capability. Basic SNMP support is also available as standard.



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