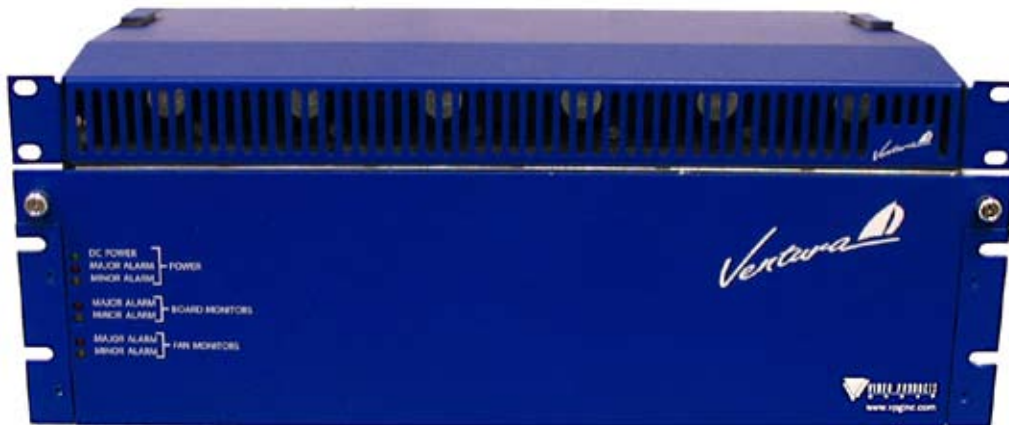


VS103 4RU Chassis and VS113-A/C and VS123-D/C Power Supplies



The VS103 is designed to meet the exacting requirements of the central office environment. The VS103 is also ergonomically and technically ideal for integrating into broadcast and production facilities.

With an available powerful network management system and supporting an expanding number of functional cards, the platform is a future-proof solution for professional video processing and transport.

KEY FEATURES

- Robust carrier-class design
- 10 slots for any combination of cards from the Ventura series
- Dual redundant load sharing power supplies, available in AC or DC, ensure maximum system up time
- Hot swappable cards and power supplies
- Field serviceable fans ensure system longevity
- Front panel summary LEDs of power supply status, board monitors and fan monitors
- Drop-down door for card access
- Passive chassis backplane
- 19" rack mountable
- NEBS Level 3 compliant
- Compatible with the VS183 Advanced Network Management System that provides remote status, alarms and configurations via SNMP and Ethernet



VS103 VS113, VS123

NETWORK MANAGEMENT

VS183 features SNMP & Web browser interfaces that provide monitoring and/or configuration of the status, alarms & controls for Ventura Series cards installed in a VS103 chassis.

PHYSICAL AND ENVIRONMENTAL

| | |
|-------------------------|---|
| # of Card Slots: | 10 |
| Rack Space: | 4RU x 19" rack |
| Dimensions: | 5.25" x 19" x 14" |
| Weight: | AC Chassis: 11.22 lbs. DC Chassis: 10.93 lbs. |
| Power Input Connectors: | AC - IEC320 DC - 3 way terminal screw |
| Fuse: | AC - 4A/250V DC - 5A anti-surge |
| Cooling: | 3 field-replaceable fans per tray located underneath each PSU and top front exhausting fan tray, alarmed, redundant and field-replaceable |
| Operating Temperature: | 0° to 50°C chassis ambient |
| Storage Temperature: | -40°C to 85°C ambient |
| Relative Humidity: | 5% to 85% |
| Compliance: | NEBS Level 3, UL, CSA, CE, FCC (Part 15, Class A), C-Tick |

SUMMARY LED INDICATORS

System LED's

Three sets of summary alarm LED's are visible on the front of the VS103 when the door is closed. LED set includes power supply status, board monitors and fan monitors.

| Backplane Power | LEDs |
|-----------------|--------|
| DC Power | Green |
| Major | Red |
| Minor | Yellow |

| Board Monitors | LEDs |
|----------------|--------|
| Major | Red |
| Minor | Yellow |

| Fan Monitors | LEDs |
|--------------|--------|
| Major | Red |
| Minor | Yellow |

ALARM AND MONITORING CONNECTOR

A 37-way D-Type connector provides direct access to the major and minor alarm lines and serial bus for each card in the chassis.

ORDERING OPTIONS

| | |
|--------------|------------------------------------|
| VS103-AC-IFA | 4RU AC Ventura Chassis |
| VS103-DC-IFA | 4RU DC Ventura Chassis |
| VS113 | AC Power Supply |
| VS123 | DC Power Supply |
| VS111 | 1RU Heat Baffle |
| VS112 | 1RU Heat Baffle with fans |
| VS183 | Advanced Network Management System |

AC POWER SUPPLIES

| | |
|-------------|------------------|
| Voltage: | 90-264 VAC |
| Power: | 200 Watts |
| Frequency: | 47-63 Hz |
| Efficiency: | 70% at full load |
| Weight: | 1.67 lbs. |

LED INDICATORS

| Power | LEDs |
|-------------|--------|
| AC Power | Green |
| Major Alarm | Red |
| Minor Alarm | Yellow |

ORDERING OPTIONS

| | |
|--------------|------------------------|
| VS103-AC-IFA | 4RU AC Ventura Chassis |
| VS113 | AC Power Supply |

DC POWER SUPPLIES

| | |
|-------------|------------------|
| Voltage: | 35-72 VDC |
| Power: | 200 Watts |
| Efficiency: | 70% at full load |
| Weight: | 1.70 lbs. |

LED INDICATORS

| Power | Monitors |
|-------------|----------|
| DC Power | Green |
| Major Alarm | Red |
| Minor Alarm | Yellow |

ORDERING OPTIONS

| | |
|--------------|------------------------|
| VS103-DC-IFA | 4RU DC Ventura Chassis |
| VS123 | DC Power Supply |



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VS103, VS113-A/C, VS123-D/C RevD October 2007