



## VENTURA

VS101-2H

# 1RU Modular chassis and power

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### **The Nevision Ventura™ VS101 is a carrier class chassis platform.**

Designed to meet the exacting requirements of the central office environment. The VS101 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**

- Hot swappable cards in any slot
- Single or dual power supply options, field replaceable
- High speed Ethernet backplane for faster upgrades and management communication
- Field serviceable fans
- Transparent front panel to view card LEDs
- Removable front panel for card access
- 19" rack mountable with removable flange for center or wall mounting
- Optional Advanced Element Management System that provides remote status, alarms and configurations via SNMP and Ethernet, without occupying a card slot

### AC power supply chassis

Voltage	90 – 132VAC, 180 – 264VAC
Power	150 Watts
Frequency	47 – 63Hz
Current	1.1A max
Efficiency	82% typical
Weight	1.052 Kg
Redundancy	Up to 2 power supplies per unit

### External alarms

Normally open relay contacts. Closed for major and minor alarm signals.

### Element management

The Ventura AEMS shelf element manager, FCS193, provides a comprehensive set of status, control and alarm variables through a Web interface. The FCS193 is a powerful Linux based embedded management system that also supports SNMP and XML. It also acts as an agent for card upgrades capable of storing multiple images for each card in the VS103 or VS101 platforms and supplying these images under operator control.

### Physical and environmental

# of card slots	2
Rack space	1RU x 19" rack
Dimensions	1.75" x 19" x 14"
Weight	3.7 Kg
Cooling	Field serviceable fans
Grounding nut	Use 18 AWG or thicker
Operating temperature	0° to 50°C chassis ambient
Storage temperature	-40°C to 85°C ambient
Relative humidity	5% to 85% non-condensing

### Ordering options

VS101-2H-AC-90X	1RU 19" rack mount chassis for two Ventura VS90X modules, can hold two internal redundant AC power supplies (not included). * Supports VS902, VS906 and VS909 only
VS101-2H-AC-90x-PS	1RU Ventura chassis with 1 AC PSU 2 card slots * Supports VS902, VS906 and VS909 only
VS101-2H-AC-90x-RPS	1RU Ventura chassis with 2 AC PSU 2 card slots * Supports VS902, VS906 and VS909 only
VS101-2H-AC-90x-RPS-EM	1RU Ventura chassis with 2 AC PSU 2 card slots and an element manager * Supports VS902, VS906 and VS909 only
FCS193-AEMS-2H	Advanced Element Management System card
VS101-2H-FAN	Spare part - Fan tray replacement for VS101-2H chassis.
VS101-2H-PSAC-150	Spare part - 150W AC power supply for the VS101-2H chassis (internal PSU).
VS101-2H-FILTER	Spare part - Fan filter for the VS101-2H chassis

## CONTACT INFORMATION

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