

c1210 Chassis Monitor

Hardware monitoring blade for the c1210 Chassis



The VITEC Chassis Monitor adds hardware monitoring to the 10-blade chassis. Overall system reliability is improved with the addition of power supply, fan and blade monitoring. Monitor information and data can be seen on a bank of LEDs and the Chassis Monitor web interface.

Monitoring

- Fan monitoring: chassis fan presence, speed monitor
- Power supply monitoring: power supply presence, fan and power failure
- Blade monitoring: blade presence
- Troubleshooting: Front panel LEDs, web interface & SNMP traps

Interfaces

- 802.3 10/100BaseT Ethernet (RJ45 chassis socket)
- Serial RS232 Port for local administration (RJ45 chassis socket)

Management

- Network administration via SSH, Telnet and SNMP
- HTTP web interface (supported browser: Chrome, check with support@vitec.com)
- Serial RS232 Admin Port
- Event logging via Syslog (local and remote)
- Firmware upgrade via TFTP
- Configuration backup/restore via TFTP

System

- CPU: MIPS 4Kc 492MHz; RAM: 64MB
- Flash: 32MB (for firmware and configuration)
- OS: Linux 2.6

Power

- DC 24V: 6W Typical, 8.5W Maximum

Network

- Linux IPv4 stack
- DHCP or Static IP addressing
- IEEE 802.3u 10/100Mbps MDIX Ethernet

Physical Format

- Hot swap blade for c1210 Chassis monitoring slot
- Dimensions: L: 275mm x W: 130mm x H: 20mm
- Weight: 0.35kg

Environment

- Operating: 0 ...+40°C / +32 ... +122°F
- Storage: -20 ...+70°C / -4 ... +158°F
- Operating Relative Humidity: 5 - 95% (non-condensing)

Features & Benefits

- Monitors system reliability, fans, power supplies and blades
- Front panel LEDs provide for easy troubleshooting while web interface provides more details

Protocols

IP (RFC 791), UDP (RFC 768), TCP (RFC 793), ARP (RFC 826), DNS (RFC 1035), DHCP (RFC 2131), ICMP (RFC 792), TFTP (RFC 1350), HTTP (RFC 2616), Telnet (RFC 318) Syslog (RFC 3164), NTP (RFC 1305), SNMP (v1, v2c -RFC 1901), SSH (RFC 4254)

Regulatory

- CE:
 - IEC 62368-1: 2018 Edition 3.0
 - EN55032:2012
 - EN55024:2010
 - EN61000-3-2: 2006 +A1: 2009 + A2: 2009
 - EN61000-3-3: 2008
- UL/CSA:
 - UL62368-1:2019
 - CSA C22.2 No. 62368-1:19
- FCC:
 - 47CFR:2011 Part 15, Sub Part B
 - ANSI C63-4:2003
- ACMA:
 - AS/NZS 62368:2018

In the Box

- VITEC c1210 Monitor Card
- Product Safety Brochure (hard copy)

Ordering Information (P/N)

- 18371 (avstr-c1210-mon) - c1210 Monitor Card

Products	Compatibility
23-series/37-series/38-series Encoder blades	Yes
44-series/45-series RF Gateway blades	Yes
VITEC openGear blades	No
VITEC MGES blades	No

Features	c1101	c1103	c1210
Hot swap fans			✓
Hot swap PSUs			✓
Redundant PSUs			✓
19" Rack-mountable		✓	✓
Hot swap blades	✓	✓	✓
Dual Ethernet port per blade			✓