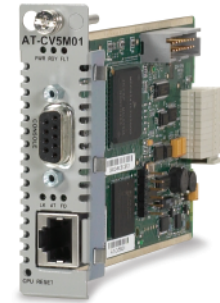


AT-CV5M01

Converteon™ Series Management Card



Overview

The AT-CV5M01 adds management configuration and monitoring capabilities to the Converteon™ range of media chassis. A chassis can be installed with any range of media blades, which can be used in an unmanaged mode. With the addition of a management card to the chassis, all the blades setup option can be configured via the management module, allowing a network administrator to change configuration remotely, and monitor the status of both the chassis and the links.

Management Modes

The AT-CV5M01 supports three management modes

- SNMP
- Telnet
- Local RS232

Both the local RS232 and the Telnet mode allow the user to monitor and manage a Converteon™ chassis using a menu driven, command line interface (CLI). When configured for SNMP, a network administrator can not only configure the chassis, but also receive network warnings relative to link failures, power supply failures and equipment being over temperature, etc.

Connection by an RS232 port is achieved by attaching a computer or terminal to the DB-9 connector on the front panel of the management card. Telnet and SNMP sessions connect via the 10/100TX connection also located on the front panel.

In addition, each management card has six diagnostic LEDs to aid in troubleshooting.

IEEE 802.3ah (OAM) Remote Management

When deployed with any media blades that support IEEE 802.3ah 'Ethernet in the First Mile' such as the AT-CM202, AT-CM2K0S, and AT-CM70S modules, the AT-CV5M01 management card can also manage and monitor the remote blades connected only to the local chassis over fiber optics.

Hassle Free Support

All Allied Telesis Ethernet media converter line cards have free technical support, ensuring trouble-free installation.

Key Features

- Provides Management support to Converteon™ chassis
- SNMP, Telnet and Local RS232 support
- SNMP v1, v2c, and v3
- Event Logging
- Syslog support
- DHCP support
- IEEE 802.3ah Remote blade management

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Technical Specifications

Status Indicators

LED	State	Description
PWR	Green	The CPM card is receiving power
	OFF	The CPM card is not receiving power
RDY	Green	The CPM card has passed diagnostics and is ready
	OFF	The CPM card has failed diagnostics and is not ready
FLT	Red	The CPM card has experienced fault condition
	OFF	The CPM card has reported no fault condition
LK	Green	Link established on the card Ethernet port
	OFF	No link established on the card Ethernet port
AT	Flashing	TX/RX activity established on the card Ethernet port
	OFF	No activity established on the card Ethernet port
FD	Green	The CPM card is operating in full-duplex mode
	OFF	The CPM card is operating in half-duplex mode

Connectors

RS232 Female DB-9
Baud Speed 1200 ~ 115200bps
Ethernet 10/100TX, Auto MDI/MD-IX

Management Features

Management Interfaces

RS232 (Local Login): Username and Password protected (Enable/Disable Local Login)
Telnet (Remote Login): Username and Password protected (Enable/Disable Remote Login)
SNMP Managers: Named SNMP Manager (Enable/Disable SNMP) (Up to 4 SNMP manager)

DHCP

DHCP Client (Enable/Disable)

System Warnings

Over Temperature warning
PSU failure warning
Fan failure warnings
Blade failure
Insert/Remove Power Supply
Insert/Remove Fan module
Insert/Remove blade

Operational Warnings

Link Up/Down

Event Logging

Time and Date stamp for all log entries
Internal Log
Syslog

Administration

Diagnostics
Firmware Upgrade (Management card)
Firmware Upgrade (Blade firmware)
Configure MissingLink™
Configure Smart MissingLink™
Configure Link Monitor
Configure IEEE 802.3ah OAM

Physical Specifications

Dimensions 2.2cm x 7.3cm x 13cm
(H x W x L) (.855" x 2.89" x 5.10")
Weight: 0.60 lbs
0.27 kg

Package Contents

One AT-CV5M01 CPM Card
One DB-9 RS-232 Serial Cable
Installation Guide
Warranty Card

Power Characteristics

Input Supply Voltage 5vDC, 3.3vDC
Maximum Input Current 1.15 A (5vDC), 0.86 A (3.3vDC)
Power Consumption 9.6 watts maximum

Environmental Specifications

Operating Temperature 0°C to 40°C
(32°F to 104°F)
Storage Temperature -25°C to 70°C
(-13°F to 158°F)
Operating Relative Humidity 5% to 90% RH
(non-condensing)
Storage Relative Humidity 5% to 95% RH
(non-condensing)
Operating Altitude Range Up to 3,048m (10,000ft)

Standards

EMI part 15:
FCC class A, EN55022 class A, VCCI class A, C-Tick, CE

Immunity:
EN55024

Safety:
UL60950-1 (cULUS), EN60950-1 (TUV)

Quality and Reliability:
MTBF > 100,000 hrs

Electrical Interfaces:
UL60950 (UL/cULus)
EN60950 (TUV)
CSA22.2 No. 950

Ordering Information

AT-CV5M01
SNMP Management Module

Associated Products

AT-CV1000-xx
Single slot Converteon™ chassis

AT-CV1203-xx
Two slot Converteon™ chassis

AT-CV5000-xx
18 slot, Converteon™ chassis

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