SNMP Management Module

SNMP-Management Card for "iMcV" Series Modular Media Converter Chassis

SNMP MANANGEMENT

Network management module allows for centralized monitoring of LAN/WAN through IMC's iView[2] SNMP management application.

Features and Benefits

- Use with free GUI-based iView[2] SNMP Management software; Windows and Web Server versions
- Supports SNMP V1 & V2c
- Manage up to 40 devices using a single IP address with Unified Management Agent (UMA)*
- Compatible with all iMediaChassis 3, 6 and 20 slot module chassis
- Multiple levels of security, including community strings and authentication
- Password protection on serial and Telnet Ports
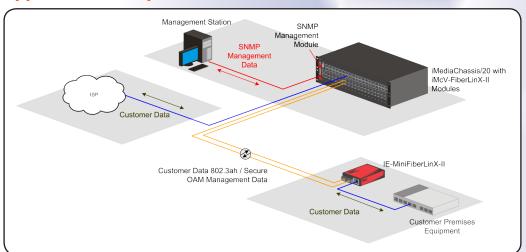- Standard MIBS II

Easy troubleshooting

- Diagnostic LEDs include port actvity, mode, temperature, power supply status and fan activity
- IP configuration via iConfig, serial port, DHCP and Telnet
- Remote configuration via Telnet, SNMP
- Last Gasp feature sends TRAP notification of power source failures
- Automatic software and firmware downloads

* For FiberLinX-II family only

IMC Networks' SNMP Management Module allows network operators to utilize the full SNMP functionality on all compatible "iMcV" modules that are installed in the iMediaChassis series. The single-wide module features two 10/100 twisted pair ports, one for management and one reserved for future use, and a DB-9 serial port for onsite IP configuration via a terminal or computer. Both twisted pair ports include the AutoCross feature that automatically selects between a crossover workstation or straight-through, depending on the connected device.

An iMediaChassis with an installed SNMP Management Module connects to the network via an external twisted pair connection. Through this connection, the network operator can remotely monitor and control all compatible modules from a central site. Utilizing managed media converters in your network allows for troubleshooting at remote sites without the initial need for a costly truck roll.

Application Example

Installed here in the iMediaChassis/20, the SNMP Management Module allows for a network operator to remotely monitor and manage the functionality of all modules (iMcV-FiberLinX-II) within the chassis. Utilizing UMA, the network operator can also manage all the remote IE-Mini-FiberLinX-II devices through a single IP address assigned to the SNMP Management card.

Technical Specifications

iMediaChassis SNMP Module
- Installs in any iMediaChassis
- Single-wide module
- 10/100 Ethernet port for LAN/WAN

MIB-II (RFC 1213):
- Packets Transmitted
- Packets Received
- All Standard MIB II Objects

NOTE: This information is for the iMediaChassis' SNMP agent only

IMC MIB:
- Port Type
- Fan speeds
- Traps
- Fiber Type
- Module Type
- Link Status of Ports
- Chassis temperature
- Power Supply Type/Status
- User-Definable Name/ID of Product

Card-dependent Features:
- Enable/Disable Ports
- Enable/Disable FO/FX LinkLoss, TP/TX LinkLoss
- Enable/Disable FiberAlert, Auto Negotiation

Regulatory Approvals:
UL/cUL, CSA, CE, FCC

Operating Temperature:
+32° to +122° F (0° to +50° C);
5% to 95% (non-condensing),
0 – 10,000 ft. altitude

Storage Temperature:
+21° to +160° F (-6° to +71° C)

Ordering Information

PART NUMBER	DESCRIPTION
iMediaChassis SNMP Management	
850-39950	iMediaChassis SNMP Management Module
825-39950	Serial Cable for Management, DB9 (male) to DB9 (female)

FCS FREE Fiber Consulting Services

RoHS

Made in USA

6-YEAR Comprehensive Warranty

ISO 9001:2008 REGISTERED

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