

# SNMP Management Module

## SNMP-Management Card for "iMcV" Series

### Modular iMediaChassis Series

B+B SMARTWORX

Powered by

ADVANTECH

[www.advantech-bb.com](http://www.advantech-bb.com)



- Use with free GUI-based iView<sup>2</sup> SNMP Management Software, Web Server version
- 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 for serial and Telnet sessions
- Standard MIBS II

### OVERVIEW

The SNMP Management Module allows network operators to utilize the full SNMP functionality on all compatible B+B SmartWorx' "iMcV" modules that are installed in the iMediaChassis series. This network management module allows for centralized monitoring of LAN/WAN through iView<sup>2</sup> SNMP management application.

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 easily troubleshooting at remote sites without the initial need for a costly truck roll.

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

### ORDERING INFORMATION

MODEL NO.	DESCRIPTION
850-39950	iMedia Chassis SNMP Management Module (for "iMcV" series modular media converter chassis)

Unified Management Agent (UMA):

- Manage up to 40 devices using a single IP address
- Supports certain FTTx products

**ACCESSORIES** - optional; sold separately

825-39950 - Serial Cable for Management, DB9M to DB9F



iView: Webserver Version  
Free Download

All product specifications are subject to change without notice.  
SNMP Management Module\_2617ds

# SNMP Management Module

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### Modular iMediaChassis Series



#### SPECIFICATIONS

##### IMEDIA CHASSIS SNMP MODULE

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

##### MIB-II (RFC 1213) (NOTE: for iMedia Chassis SNMP Agent Only)

- Packets Transmitted
- Packets Received
- All Standard MIB II Objects

##### 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
- Supports FTTX products with unique features such as LastGasp

##### MECHANICAL

Dimensions	4.19H x 0.78W x 2.75D inches (10.74H x 2.0W x 7.05D cm)
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##### ENVIRONMENT

Temperature	+32° to +122° F (0° to +50° C)
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Storage Temperature	+21° to +160° F (-6° to +71° C)
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Humidity	5% to 95% (non-condensing)
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Altitude	0 – 10,000 ft.
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##### REGULATORY APPROVALS

UL/cUL, CSA, CE, FCC

##### MEANTIME BEFORE FAILURE (MTBF)

MTBF	721170 hours
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MTBF Calc. Method	MIL 217F Parts Count Reliability Prediction
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