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TECHNOLOGY GROUP

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Find the *Advantech / B&B Electronics iMcV-LIM* at our website: ***Click HERE***

iMcV-PIM, iMcV-LIM Modules

6-YEAR Comprehensive Warranty



Monitor and control all connections from a central site with SNMP-manageable "iMcV-" media conversion modules.

Product Overview

Satisfying today's networking needs while preparing for tomorrow's cabling requirements can make designing and installing the physical layer of networks a daunting task. The decreasing cost of fiber optic cabling and switching equipment makes all-optical LANs the obvious choice when future-proofing network equipment. Replacing legacy equipment and wiring infrastructure is a costly choice. Managed media conversion allows implementation of new technologies on existing networks, while monitoring all connections, to keep networks running and up-to-date.

IMC Networks offers a wide range of SNMP-managed Ethernet copper to fiber media converters, with a choice of fixed rate or rate conversion capabilities. The "iMcV-" modules also include troubleshooting features and LEDs to assist in network diagnostics as well as make isolating cable breaks easier. The 100 Mbps iMcV-Lim also features Link Fault Pass-Through. In addition, replacing the hot-swappable modules won't disable other modules services running within the same chassis during product upgrades or maintenance and troubleshooting.

All converters feature an RJ-45 copper port and a fiber port, with a choice of SC or ST connectors.

"iMcV-" media converters include:

- iMcV-PIM - convert 10 Mbps copper to 10 Mbps fiber
- iMcV-LIM - convert 100 Mbps copper to 100 Mbps fiber
- iMcV-LIM 10/100 - convert 10 Mbps copper to 10 Mbps fiber or 100 Mbps copper to 100 Mbps fiber

Config Control

Configuration Control

Its main function is to assist the end-user by retaining the latest configuration regardless of how the initial configuration was setup, whether through DIP Switch settings or the SNMP Management Module's configuration.

*** Notes: Modules with the Config Control Feature**

- iView² v.1.8.9 and SNMP Firmware v.C4 must be installed to use IMC's Configuration Control Feature
- iMcV-Modules that offer Configuration Control are indentified by the label on the front faceplate and reference a different part number.
- New replacement products are **NOT** backwards compatible with the iMediaChassis/18

Features

Meets a variety of installation requirements

- Choose from a wide range of speeds up to Fast Ethernet
- Available for multi-mode or single-mode fiber
- Double fiber capacity with single-strand fiber versions
- Supports very long fiber distances

Easy to configure and manage with GUI-based iView²

- Up and running in less than five minutes
- Monitor links and receive vital traffic and health information and notification should problems occur

Maximizes network uptime

- Modular, hot-swappable architecture reduces operational costs associated with product installation, upgrades and maintenance

Configuration Control

- Retains the latest configuration

Physical Specifications

Fiber Types Supported

- 50/125µm or 62.5/125µm multi-mode fiber
- 9/125µm single-mode fiber
- Available for single-strand fiber

Connectors:

RJ-45, ST and SC

Regulatory Approvals:

FCC Class B, CE

Operating Temperature:

+32° to +122°F (0° to +50°C)

Storage Temperature:

-13° to +158°F (-25° to +70°C)

Humidity:

5 to 95% (non-condensing)

Altitude:

0 to 10,000 ft.

Dimensions

4.19"H x 0.78"W x 2.75"D (10.74 x 2 x 7.05 cm)

Shipping Weight:

0.30 lbs (0.11 kg)

Use with Chassis Platform

iMediaChassis Series, See Page 39
MediaChassis Series, See Page 40
IE-MediaChassis Series, See Page 40

CWDM versions available, Call IMC Networks for details

Ordering Information

iMcV-PIM 10 Mbps

850-14940	iMcV-PIM, TP/FO-MM850-ST, 2 km
850-14941	iMcV-PIM, TP/FO-MM850-SC, 2 km
850-14942	iMcV-PIM, TP/FO-MM1300-ST, 2 km
850-14943	iMcV-PIM, TP/FO-MM1300-SC, 2 km
850-14944	iMcV-PIM, TP/FO-SM1310/PLUS-ST, 40 km
850-14945	iMcV-PIM, TP/FO-SM1310/PLUS-SC, 40 km
850-14946	iMcV-PIM, TP/FO-SM1310/LONG-ST, 40 km
850-14947	iMcV-PIM, TP/FO-SM1310/LONG-SC, 40 km
850-14949	iMcV-PIM, TP/FO-SM1550/LONG-SC, 80 km

* iMcV-LIM TX/FX 100 Mbps with (LFPT) and Config Control

850-15611	iMcV-LIM, TX/FX-MM850-ST, 2 km
850-15612	iMcV-LIM, TX/FX-MM850-SC, 2 km
850-15613	iMcV-LIM, TX/FX-MM1300-ST, 5 km
850-15614	iMcV-LIM, TX/FX-MM1300-SC, 5 km
850-15617	iMcV-LIM, TX/FX-SM1310/PLUS-ST, 40 km
850-15618	iMcV-LIM, TX/FX-SM1310/PLUS-SC, 40 km
850-15619	iMcV-LIM, TX/FX-SM1310/LONG-ST, 80 km
850-15620	iMcV-LIM, TX/FX-SM1310/LONG-SC, 80 km
850-15622	iMcV-LIM, TX/FX-SM1550/LONG-SC, 80 km
850-15623	iMcV-LIM, TX/FX-SM1550/XLONG-SC, 100 km
Single-Strand Fiber	
850-15631	iMcV-LIM, TX/SSFX-MM1310-SC (1310xmt/1550rcv), 2 km
850-15632	iMcV-LIM, TX/SSFX-MM1550-SC (1550xmt/1310rcv), 2 km
850-15633	iMcV-LIM, TX/SSFX-SM1310-SC (1310xmt/1550rcv), 20 km
850-15634	iMcV-LIM, TX/SSFX-SM1550-SC (1550xmt/1310rcv), 20 km
850-15635	iMcV-LIM, TX/SSFX-SM1310/PLUS-SC (1310xmt/1550rcv), 40 km
850-15636	iMcV-LIM, TX/SSFX-SM1550/PLUS-SC (1550xmt/1310rcv), 40 km
850-15637	iMcV-LIM, TX/SSFX-SM1310/LONG-SC (1310xmt/1550rcv), 60 km
850-15638	iMcV-LIM, TX/SSFX-SM1550/LONG-SC (1550xmt/1310rcv), 60 km

iMcV-LIM TX/FX 10/100 Mbps

850-14260	iMcV-LIM, 10/100-MM850-ST, 2 km
850-14261	iMcV-LIM, 10/100-MM850-SC, 2 km
850-14262	iMcV-LIM, 10/100-MM1300-ST, 5 km
850-14263	iMcV-LIM, 10/100-MM1300-SC, 5 km
850-14267	iMcV-LIM, 10/100-SM1310/PLUS-ST, 40 km
850-14268	iMcV-LIM, 10/100-SM1310/PLUS-SC, 40 km
850-14269	iMcV-LIM, 10/100-SM1310/LONG-ST, 80 km
850-14270	iMcV-LIM, 10/100-SM1310/LONG-SC, 80 km
850-14274	iMcV-LIM, 10/100-SM1550/LONG-SC, 80 km
Single-Strand Fiber	
850-14240	10/100-SSFX-MM1310-SC (1550 rcv), 2 km
850-14243	10/100-SSFX-MM1550-SC (1310 rcv), 2 km
850-14244	10/100-SSFX-SM1310-SC (1550 rcv), 20 km
850-14245	10/100-SSFX-SM1550-SC (1310 rcv), 20 km
850-14246	10/100-SSFX-SM1310/PLUS-SC (1550 rcv), 40 km
850-14247	10/100-SSFX-SM1550/PLUS-SC (1310 rcv), 40 km
850-14248	10/100-SSFX-SM1310/LONG-SC (1550 rcv), 60 km
850-14249	10/100-SSFX-SM1550/LONG-SC (1310 rcv), 60 km

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