Dual Port, Extended Temperature (IE), 100 Mbps Ethernet SNMP-Manageable Media Converter

IE-iMcV-2xLIM

PRODUCT FEATURES

- Functions as two independent copper to fiber media converters, doubling port density in the iMediaChassis and MediaChassis product lines Interchangeable SFP modules allow for multiple fiber type conversion options (single-mode, multi-mode, long haul, short haul, etc.)
- 100 Mbps SFPs and 2xLIM modules are hot-swappable; no need to power-down chassis when upgrading or troubleshooting
- Link Fault Pass-Through (LFPT)
- Config Control

The IE-iMcV-2xLIM, TX/SFP is a Fast Ethernet module which provides two conversions of 100Base-TX twisted pair to 100Base-FX/SX single-mode or multi-mode fiber. There are two sets of ports, RJ-45 (copper) and SFP (fiber). The SFP port supports all MSA and Cisco compliant, SC, LC and single-strand fiber (SSF), 155 Mbps SFPs. Designed as a Layer 1 device, the IE-iMcV-2xLIM is entirely transparent to both Layer 2 and Layer 3 protocols. The IE-iMcV-2xLIM is SNMP-manageable and can be installed into the modular, SNMP-manageable iMediaChassis or the MediaChassis series.

Easily configure and manage converters with the GUI-based iView². As an SNMP management application, iView² gives network managers the ability to monitor and control products. iView² runs standalone on Windows 2000/XP/Vista/Win7 or as a Web Server running under IIS.

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
IE-iMcV-2xLIM *					
850-18610	SFP	2	Various	2	RJ45

* SFP Fiber sold separately

iView: Windows 2000/XP/Vista/Win7

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IE-iMcV-2xLIM

SPECIFICATIONS

TECHNICAL

2 x RJ-45 and 2 x SFP ports (SFPs sold separately)

IEEE 802.3u 100Base-T over twisted pair

IEEE 802.3u 100Base-FX or SX over twisted pair

AutoCross for MDI/MDIX

LinkLoss, Far End Fault & Auto Negotiation

Link Fault Pass-Through (LFPT)

Supports Config Control

MDI/MDIX switch

DIP Switch selectable Auto Negotiation on copper port

Features low latency

Supports Half- and Full-Duplex operation

Supports Jumbo packets (No size limit)

Install in any iMediaChassis or MediaChassis

Supports GUI-Based iView²

Includes diagnostic LEDs

Hot-swappable architecture

STANDARD COMPLIANCE

SFP-MSA SFP standard (September 14, 2000)

SFF-8472 DDMI standard (Revision 1.0)

IEEE 802.3

MECHANICAL

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 (.11 kg)

INPUT VOLTAGE

100 to 240 VAC 50/60Hz (External Power Supply) 5 VDC ± 5%

POWER

Max Current: 0.80A

ENVIRONMENTAL

Operating Temperature:	-40° F to +176° F (-40° C to +80° C)
Storage Temperature:	-40° F to +176° F (-40° C to +80° C)
Operating Humidity	5% to 95% (non-condensing), 0 – 10,000 ft. altitude

REGULATORY APPROVALS

FCC Class B

UL, CSA, CE

TUV

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

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