## Dual Port, Wide Temperature, Managed Media Converter



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## **AD\ANTECH**

IE-iMcV-2xLIM



The IE-iMcV-2xLIM, TX/SFP is a Fast Ethernet module which provides two conversions of 100Base-TX twisted pair to 100Base-FX/SX singlemode 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 iView<sup>2</sup>. As an SNMP management application, iView<sup>2</sup> gives network managers the ability to monitor and control products. iView<sup>2</sup> runs standalone on Windows 2000/XP/Vista/Win7 or as a Web Server running under IIS.

#### **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

#### **ORDERING INFORMATION**

MODEL NUMBER	FIBER	FIBER Ports	RANGE	ETHERNET PORTS	ETHERNET Connector
IE-iMcV-2xL	.IM *				
850-18610	SFP	2	Various	2	RJ45
* SFP Fiber sold se	parately				



iView: Windows 2000/XP/Vista/Win7

# Dual Port, Wide Temperature Managed Media Converter

IE-iMcV-2xLIM



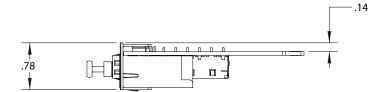
#### SPECIFICATIONS

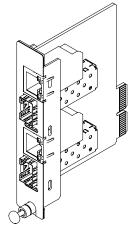
	TECHNICAL
	2 x RJ-45 and 2 x SFP ports (SFPs sold separately)
	IEEE 802.3u 100Base-T over twisted pair
	IEEE 802.3u 100Base-FX or SX over twisted pair
	AutoCross for MDI/MDIX
	LinkLoss, Far End Fault & Auto Negotiation
	Link Fault Pass-Through (LFPT)
	Supports Config Control
	MDI/MDIX switch
	DIP Switch 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 iView <sup>2</sup>
	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

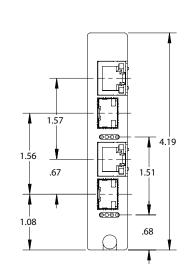
MECHANICAL				
Dimensions	4.19"H x 0.78"W x 2.75"D (10.74 x 2 x 7.05 cm)			
Shipping Weight	0.30 lbs (.11 kg)			
INPUT VOLTAGE				
100 to 240 VAC 50/60Hz (External Power Supply) 5 VDC $\pm$ 5%				
POWER				
Max Current: 0.80A				
ENVIRONMENTAL				
Operating Temperature:	-40° F to +176° F (-40° C to +80° 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				

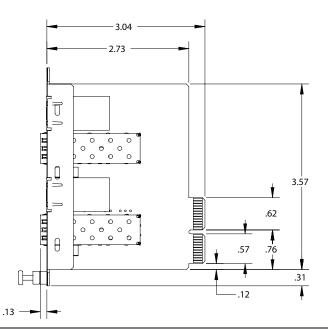
### **MECHANICAL DIAGRAM**

(dimensions in inches & millimeters)











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