imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

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Dual Port, Wide Temperature, Managed Media Converter

IE-iMcV-2xLIM



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www.advantech-bb.com



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-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 program, iView² gives network managers the ability to monitor and control products. iView² runs standalone on a Web Server and is available as free software, downloadable from *www.advantech-bb.com*.

The Modules support Configuration Control, a feature that allows the Modules to retain their settings regardless of an SNMP Management Card replacement. If changes are made to the Modules using DIP Switches, the SNMP card will adopt the changes rather than overwriting the changes.



ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR		
IE-iMcV-2xLIM *							
850-18610	SFP	2	Various	2	RJ-45		

* SFP fibers sold separately - available at www.advantech-bb.com

All product specifications are subject to change without notice. IE-iMcV-2xLIM_2917ds



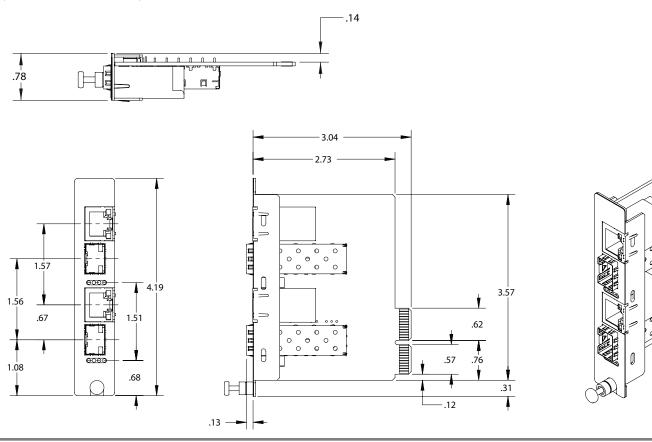
orders@advantech-bb.com / Corporate Headquarters: 707 Dayton Road, PO Box 1040 Ottawa, IL 61350 USA 815-433-5100 Fax 433-5104 European Office: Westlink Commercial Park, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445

Dual Port, Wide Temperature Managed Media Converter IE-iMcV-2xLIM

SPECIFICATIONS	SPECIFICATIONS - continued			
TECHNICAL				
2 x RJ-45 and 2 x SFP ports (SFPs sold separately)	MECHANICAL			
IEEE 802.3u 100Base-T over twisted pair	Dimensions	4.19"H x 0.78"W x 2.75"D		
IEEE 802.3u 100Base-FX or SX over twisted pair	Shipping Woight	(10.74 x 2 x 7.05 cm) 0.30 lbs (.11 kg)		
AutoCross for MDI/MDIX	Shipping Weight	0.30 lbs (.11 kg)		
LinkLoss, Far End Fault & Auto Negotiation				
Link Fault Pass-Through (LFPT)	100 to 240 VAC 50/60Hz (External Power Supply) 5 VDC ± 5%			
Supports Config Control	POWER			
MDI/MDIX switch	Max Current: 0.80A			
DIP Switch selectable Auto Negotiation on copper port	ENVIRONMENTAL			
Features low latency	Operating Temperature:	-40° F to +176° F (-40° C to +80° C)		
Supports Half- and Full-Duplex operation	Storage Temperature:	-40° F to +176° F (-40° C to +80° C)		
Supports Jumbo packets (No size limit)	Operating Humidity	5% to 95% (non-condensing), 0 – 10,000 ft. altitude		
Install in any iMediaChassis or MediaChassis	REGULATORY APPROV	REGULATORY APPROVALS		
Supports GUI-Based iView ²	FCC Class B	FCC Class B		
Includes diagnostic LEDs	UL, CSA, CE			
Hot-swappable architecture	TUV			
STANDARD COMPLIANCE	MEANTIME BEFORE FA	MEANTIME BEFORE FAILURE (MTBF)		
SFP-MSA SFP standard (September 14, 2000)	MTBF	2.3 million hours		
SFF-8472 DDMI standard (Revision 1.0)				
IEEE 802.3				

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)



B+B SMARTWORX Powered by AD\ANTECH

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