



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.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Dual Port, Wide Temperature, Managed Media Converter

IE-iMcV-2xLIM

B+B SMARTWORX

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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



iView: Webserver Version
Free Download

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

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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 iView ²	
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	

SPECIFICATIONS - continued

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	
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	2.3 million hours

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

