



B&B ELECTRONICS

SNMP-Manageable Chassis for “iMcV” Series Modular Media Converters

iMediaChassis/3



PRODUCT FEATURES

- 3-slot supporting low to high density deployment
- Install wide varieties of IMC Networks’ media conversion and optical demarcation modules
- SNMP management using optional SNMP management module
- 19” Rack or rack shelf mountable
- 3-slot chassis: Select any combination of up to two AC and DC fixed power supplies - mix and match
- Fan test featured on 6-slot chassis

The iMediaChassis/3 is an intelligent, carrier-class optical access platform that supports conversion of Ethernet to fiber and a variety of other telco networking technologies, including VDSL, T1/E1, DS3/E3/STS-1 and WDM. The iMediaChassis/3 enables network operators to drastically reduce the capital and operational expenses by providing all copper-to-fiber and multi-mode to single-mode conversions, network distance extensions and Ethernet Private Line services from the same managed chassis platform. Having the highest port density in the industry - along with a robust design, hot-swappable architecture, SNMP-management, and redundant power supplies for fault tolerance - makes the iMediaChassis ideal for installing in the Central Office (CO) where a multitude of diverse applications, using a variety of protocols, is required. Pair this multi-slot chassis with a MediaChassis or other standalone B&B Electronics unmanaged device at the customer premises, for complete end-to-end management.

- An independent SNMP-management slot to isolate management data from user traffic
- Temperature controlled fans in the 3-slot chassis activates only when chassis reaches a certain temperature, thereby extending the life of the fans

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
iMediaChassis/3 *	
850-10949-AC	1 fixed AC power supply
850-10949-2AC	2 fixed AC power supplies
850-10949-DC	1 fixed DC power supply
850-10949-2DC	2 fixed DC power supplies
850-10949-ACDC	1 fixed AC and 1 fixed DC power supply

*An SNMP module is required to utilize full SNMP functionality in the iMediaChassis family.

ACCESSORIES

850-39950 - iMediaChassis SNMP Management Module



SNMP Module,
Optional

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SPECIFICATIONS

TECHNICAL

SNMP-manageable with use of SNMP module
SNMP Write Lock switch protects the SNMP-configured settings
Built to NEBS-III specifications
Last Gasp feature sends notification of AC line failures and power supply failures
Available with AC or DC power
Available with redundant power
Only 1U high
Temperature controlled fans
MIB:
Port Type
Fan speeds
Traps
Fiber Type
Module Type
Link Status of Ports
Chassis temperature
Power Supply Type/Status
User-Definable Name/ID of Product and Each Port
Enable/Disable Ports
Enable/Disable FO/FX LinkLoss, TP/TX LinkLoss
Enable/Disable FiberAlert, Auto Negotiation

MECHANICAL

Dimensions	1.8"H x 8.74"W x 7.5"D (4.57cm H x 22.19cm W x 19.05cm D)
Shipping Weight	5 lbs (2.3 kg)
AC INPUT LOAD:	
	100 to 240V AC, 50-60Hz, 0.75A
DC INPUT LOAD:	
	35 to 75V DC, 1.6A
ENVIRONMENTAL	
Operating Temperature:	+32° to +122° F (0° to +50° C)
Storage Temperature:	-4° to +176° F (-20° to +80° C): Dual AC, AC/DC -4° to +140° F (-20° to +60° C): Dual DC
Operating Humidity	5% to 95% (non-condensing), 0 – 10,000 ft. altitude
REGULATORY APPROVALS	
Single AC:	FCC Class B
Dual AC:	FCC Class B
Single DC:	FCC Class B
Dual DC:	FCC Class B
AC/DC:	FCC Class B
	UL/cUL, CSA, CE

MECHANICAL DIAGRAM

(dimensions in inches)

