

**B&B ELECTRONICS**

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

iMediaChassis/20

PRODUCT FEATURES

- 20-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
- 20-slot chassis: Dual (redundant) AC or DC and AC/DC power supplies and fans

The iMediaChassis/20 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/20 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
- Fans on the 20-slot chassis can be remotely controlled via SNMP
- Remote temperature monitoring on all chassis

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
iMediaChassis/20 *	
850-10960-2AC	Includes 2 AC power supply modules
850-10952-AC	Includes single fixed AC power supply module
850-10960-2DC	Includes 2 DC power supply modules
850-10960-ACDC	Includes 1 AC, 1 DC power module

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

ACCESSORIES

806-39960-AC - Power Supply, 960-AC Power Module (100-240V AC)

806-39960-DC - Power Supply, 960-DC Power Module (300 Watt, -48V DC)

850-39950 - iMediaChassis SNMP Management Module



SNMP Module,
Optional



Power Supply,
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
- Highest port density, 20 slots
- Includes fan tachometers

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 5.17"H x 19.0"W x 14"D
(13.13cm H x 48.26cm W x 35.56cm D)
- Shipping Weight 30 lbs (13.60 kg)

AC INPUT LOAD: DUAL AC

- 100 to 240V AC \pm 10%, 50-60Hz, 3.5/1.5A

AC INPUT LOAD: AC/DC

- 100 to 240V AC \pm 10%, 50-60Hz, 2A

DC INPUT LOAD: DUAL DC

- 48V DC, 5A Max (per module)

DC INPUT LOAD: AC/DC

- 48V DC, 4.4A Max, per module

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

- Dual AC: FCC Class B
- Dual DC: FCC Class B
- AC/DC: FCC Class B
- UL/cUL, CSA, CE

MECHANICAL DIAGRAM

(dimensions in inches)

