iMediaChassis Series

SNMP-Manageable Chassis for "iMcV" Series Modular Media Converters

RoHS Compliant

CHASSIS/ENCLOSURES

Reliable and flexible, the iMediaChassis series has the highest port density of any modular, intelligent, carrier-class optical access platform in the industry.

Features and Benefits

Versatile chassis series meeting a wide range of installation/application requirements:

- 3, 6 and 20-slot models 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

Flexible powering options:

- 20-slot chassis: Dual (redundant) AC or DC and AC/DC power supplies and fans
- 3 or 6-slot chassis: Select any combination of up to two AC and DC fixed power supplies - mix and match

SNMP management module includes:

- GUI-based iView² application software
- SNMP V2c agent
- Support for the Unified Management Agent (UMA) - manage the chassis using a single IP address
- DB-9 connector and cable for serial configuration
- DHCP and TFTP client
- Support for Telnet
- Last Gasp feature which sends notification of power source failures

Easy troubleshooting

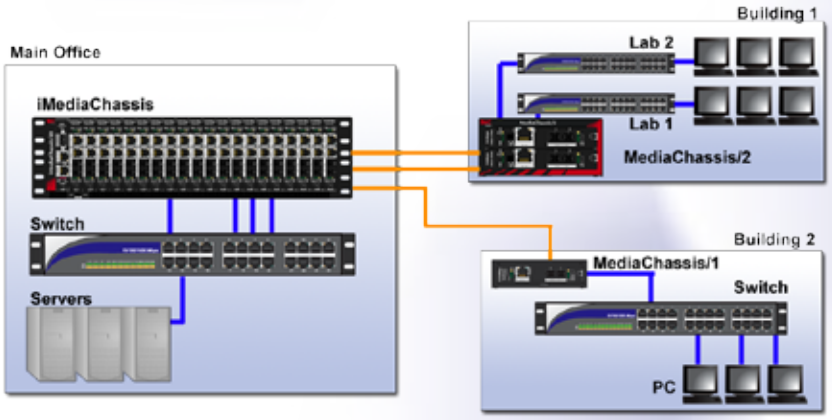
- SNMP management and LEDs assist with diagnostics
- Fan test featured on 3 and 6-slot chassis

The iMediaChassis series 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 Series 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 IMC Networks unmanaged device at the customer premises, for complete end-to-end management. The iMediaChassis series includes:

- An independent SNMP-management slot to isolate management data from user traffic
- Temperature controlled fans in 3 and 6-slot chassis activate only when chassis reaches a certain temperature, thereby extending the life of the fans
- Fans on the 20-slot chassis can be remotely controlled via SNMP
- Remote temperature monitoring on all chassis

Application Example

Install iMediaChassis at a Central Office and pair with MediaChassis populated with iMcV Series modules at each remote location, to deliver a variety of services.



Technical Specifications

All iMediaChassis

- SNMP-manageable with use of SNMP module
- SNMP Write Lock switch protects the SNMP-configured settings
- Built to NEBS-III specicfications
- Last Gasp feature sends notification of AC line failures and power supply failures
- Available with AC or DC power
- Available with redundant power

Regulatory Approvals:

UL/cUL, CSA, CE, FCC (See matrix)

Operating Temperature:

+32° to +122° F (0° to +50° C);
5% to 95% (non-condensing),
0 – 10,000 ft. altitude

Storage Temperature:

-4° to +176° F (-20° to +80° C): Dual AC, AC/DC
-4° to +140° F (-20° to +60° C): Dual DC

iMediaChassis SNMP Module

- Installs in any iMediaChassis
- SNMP V1 and V2c compatible
- Includes GUI-Based iView²
- Supports Unified Management Agent
- Includes DB-9 connector and cable for serial config
- Includes DHCP and TFTP client
- Supports Telnet
- Includes diagnostic LEDs

IMC 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

MIB-II (RFC 1213):

- Packets Transmitted
- Packets Received
- All Standard MIB II Objects

NOTE: This information is for the iMediaChassis' SNMP agent only

DESCRIPTION	VERSION	FCC CLASS A	FCC CLASS B
iMediaChassis/20	Dual AC		✓
	Dual DC		✓
	ACDC		✓
iMediaChassis/6	AC	✓	
	Dual AC	✓	
	DC		✓
	Dual DC		✓
iMediaChassis/3	AC		✓
	2AC		✓
	DC		✓
	2DC		✓
	ACDC		✓

Chassis Specifications

iMediaChassis/20

- Highest port density, 20 slots
- Includes fan tachometers

Shipping Weight:

30 lbs (13.60 kg)

Dimensions:

5.2"H x 19.0"W x 13.8"D
(13.21cm H x 48.26cm W x 35.05cm D)

AC Input Load:

100 to 240V AC±10%, 50-60Hz, 3.5/1.5A (Dual AC)

DC Input Load:

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

AC Input Load:

100 to 240V AC±10%, 50-60Hz, 2A (AC/DC)

DC Input Load:

-48V DC, 4.4A Max, per module (AC/DC)

iMediaChassis/6

- Only 1U high
- True load sharing with dual, end-user replaceable power supplies
- Temperature controlled fans

Shipping Weight:

13 lbs (5.90 kg)

Dimensions:

1.75"H x 17.35"W x 10.65"D
(4.45cm H x 44.07cm W x 27.05cm D)

AC Input Load:

100 to 240V AC, 50-60Hz, 1.0A
115V @ 1.6A & 230V @ 0.8A (single)

DC Input Load:

-48V DC, 2.0A

iMediaChassis/3

- Only 1U high
- Temperature controlled fans

Shipping Weight:

5 lbs (2.3 kg)

Dimensions:

1.73"H x 7.5"W x 8.74"D
(4.4cm H x 19cm W x 22cm D)

AC Input Load:

100 to 240V AC, 50-60Hz, 0.75A

DC Input Load:

35 to 75V DC, 1.6A

Ordering Information

PART NUMBER	DESCRIPTION
SNMP Manageable Modular Chassis	
850-10949-AC	iMediaChassis/3-AC — 3-slot, one AC Fixed Power
850-10949-2AC	iMediaChassis/3-2AC — 3-slot, two AC Fixed Power
850-10949-DC	iMediaChassis/3-DC — 3-slot, one DC Fixed Power
850-10949-2DC	iMediaChassis/3-2DC — 3-slot, two DC Fixed Power
850-10949-ACDC	iMediaChassis/3-ACDC — 3-slot, one AC, one DC Fixed Power
850-10953-AC	iMediaChassis/6-AC — 6-slot, rackmountable, includes one PS/125-AC Power Module; option for redundancy
850-10953-2AC	iMediaChassis/6-2AC — 6-slot, rackmountable, includes two PS/125-AC Power Modules (dual power)
850-10953-DC	iMediaChassis/6-DC —6-slot, rackmountable, includes one PS/125-DC Power Module; option for redundancy
850-10953-2DC	iMediaChassis/6-2DC —6-slot, rackmountable, includes two PS/125-DC Power Modules (dual power)
850-10952-AC	iMediaChassis/20-Single-AC — 20-slot, rackmountable, includes one PS/401-AC Power Module
850-10960-2AC	iMediaChassis/20-Dual-AC — 20-slot, rackmountable, includes two PS/401-AC Power Modules (dual power)
850-10960-ACDC	iMediaChassis/20-ACDC — 20-slot, one AC, one DC power supply, rackmountable, includes one PS/960-AC and one one PS/960-DC Power Module (dual power)
850-10960-2DC	iMediaChassis/20-Dual-DC —20-slot, rackmountable, includes two PS/300-DC Power Modules (dual power)

PART NUMBER	DESCRIPTION
iMediaChassis SNMP Management	
850-39950	iMediaChassis SNMP Management Module
825-39950	Serial Cable for Management, DB9 (male) to DB9 (female)
Redundant Power Supplies	
806-39125-AC	PS/125-AC Power Module — 125 watt, 100/240 V AC ±10% (for 6-slot chassis)
806-39125-DC	PS/125-DC Power Module — 125 watt, -48 V DC ±10% (for 6-slot chassis)
806-39400-AC	PS/400-AC Power Module — 400 watt, 100/240 V AC ±10% (for 20-slot chassis)
806-39401-AC	PS/401-AC Power Module — 400 watt, 100/240 V AC ±10% (for 20-slot chassis)
806-39960-AC	PS-960-AC Power Module - 100/240 V AC ±10% (for 20-slot chassis, 850-10960)
806-39960-DC	PS-960-DC Power Module - 350 watt, -48 V DC ±10% (for 20-slot chassis, 850-10960)
Rackmount Shelf	
895-39949	Rackmount shelf for iMediaChassis/3

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