

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 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 or 6-slot chassis

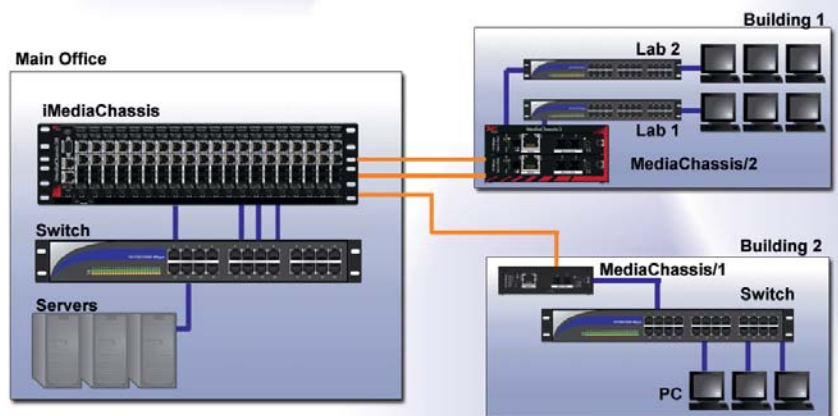


The iMediaChassis series is an intelligent, carrier-class optical access platform that supports conversion of Ethernet to fiber and a variety of other telco networking technologies, including ATM/SONET, T1/E1, DS3/E3/STS-1 and WDM. The iMediaChassis Series enables network operators to drastically reduce 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 another 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 specifications
- 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:

FCC Class B, UL/cUL, CSA, CE

Operating Temperature:

+32° to +122° F (-6° to +50° C);
5% to 95% (non-condensing),
0 – 10,000 ft. altitude

Storage Temperature:

+21° to +160°F (-20° to +71°C);
5% to 95% (non-condensing)

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 configuration
- 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
- User-Definable ID/Name of Each Port
- Enable/Disable Ports
- Enable/Disable FO/FX LinkLoss
- Enable/Disable TP/TX LinkLoss
- Enable/Disable FiberAlert
- Enable/Disable Auto Negotiation

MIB-II (RFC 1213):

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

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

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 240 V AC ±10%, 47-63Hz, 6.3A (Dual AC)

DC Input Load:

-38 to -72V DC, 11A Max (per module)

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:

100/240 V AC, 47-63Hz, 1.8A
115V @ 1.6A & 230 V @ 0.8A (single)

DC Input Load:

48 V DC, 3.3A

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:

90 to 264 V AC, 47-440Hz

DC Input Load:

35 to 75 V DC, 2.7A

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)
850-10954-2DC	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)
806-39300-DC	PS/300-DC Power Module — 300 watt, -48 V DC ±10% (for 20-slot chassis)
Rackmount Shelf	
895-39949	Rackmount shelf for iMediaChassis/3



IMC Networks

Headquarters

19772 Pauling
Foothill Ranch, CA 92610
TEL: 949-465-3000
FAX: 949-465-3020
sales@imcnetworks.com
www.imcnetworks.com

IMC Networks

Europe

Herseltsesteenweg 268
B-3200 Aarschot | Belgium
TEL: +32-16-550880
FAX: +32-16-550888
eurosales@imcnetworks.com

IMC Networks

Eastern US/Latin America

28050 U.S. Hwy. 19 North, Suite 306
Clearwater, FL 33761
TEL: 727-797-0300
FAX: 727-797-0331
latinsales@imcnetworks.com

IMC Networks

Fiber Consulting Services

For information call:
TEL: 949-465-3000
1-800-624-1070 (US/CAN)
+32-16-550880 (Europe)
fcs@imcnetworks.com

Copyright © 2009 IMC Networks. All rights reserved. The information in this document is subject to change without notice. IMC Networks assumes no responsibility for any errors that may appear in this document. Specific product names may be trademarks or registered trademarks and are the property of their respective companies.