

**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 iView<sup>2</sup> 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

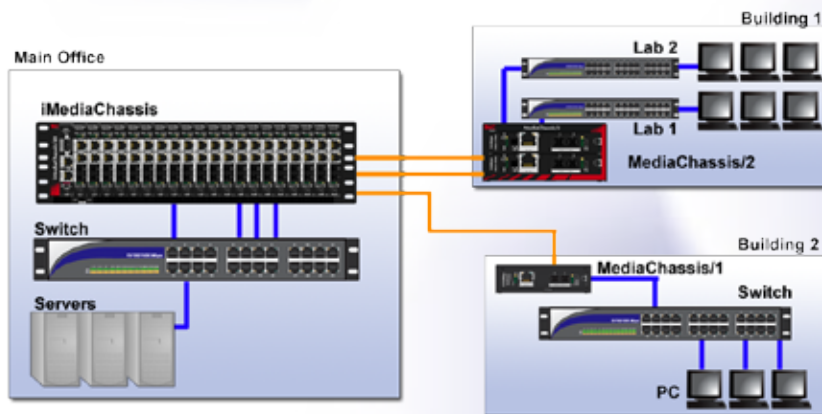


The iMediaChassis series is an intelligent, carrier-class optical access platform that supports conversion of Ethernet to fiber and a variety of other telco networking technologies, including VDSL, T1/E1, DS3/E3/STS-1 and WDM. The iMediaChassis Series enables network operators to drastically reduce the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

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

# 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)

# Ordering Information

| PART NUMBER                            | DESCRIPTION                                                                                                                                     |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNMP Manageable Modular Chassis</b> |                                                                                                                                                 |
| 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 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)                                            |

## iMediaChassis SNMP Module

- Installs in any iMediaChassis
- SNMP V1 and V2c compatible
- Includes GUI-Based iView<sup>2</sup>
- 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

## 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

- 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      |             | ✓           |
| iMediaChassis/3  | Dual DC |             | ✓           |
|                  | AC      |             | ✓           |
|                  | 2AC     |             | ✓           |
|                  | DC      |             | ✓           |
|                  | 2DC     |             | ✓           |
|                  | ACDC    |             | ✓           |

## 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

| PART NUMBER                          | DESCRIPTION                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------|
| <b>iMediaChassis SNMP Management</b> |                                                                                   |
| 850-39950                            | iMediaChassis SNMP Management Module                                              |
| 825-39950                            | Serial Cable for Management, DB9 (male) to DB9 (female)                           |
| <b>Redundant Power Supplies</b>      |                                                                                   |
| 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) |
| <b>Rackmount Shelf</b>               |                                                                                   |
| 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

## 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 © 2011 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.



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331