

A flexible, future-friendly solution for deploying a wide range of media conversion modules.



## Features and Benefits

### Strong Value

- Rugged enclosures designed for a variety of media and mode conversion modules
- Supports a wide range of protocols
- Modular design provides future-proof upgrade path
- Flexible versions designed for a variety of environments
- Ideal for modules featuring built-in SNMP management
- Six year comprehensive warranty
- Made in the USA

### Choose from the following flexible options:

- One and two module options
- Standard or extended temperature performance
- AC or DC powering
- Standalone, DIN Rail mounting (IE-MediaChassis/1) or rack or wall mountable (with optional brackets)
- Cascading DC power available on IE-MediaChassis/1 and /1-DC

The MediaChassis series of compact, flexible, table-top chassis support a variety of IMC Networks media and mode converter modules for 10/100/1000 Ethernet, T1/E1, DS3/E3/STS-1, VDSL and CWDM networking technologies. This modular approach allows network operators to inexpensively change protocols by simply changing the module rather than the entire unit.

Networks utilizing a variety of fiber types will benefit, as well as networks operating multiple protocols such as TDM and Ethernet. With both standard and extended temperature (IE) versions available, as well as support for AC or DC powering options, the MediaChassis series is a cost-effective way to overcome a variety of media and mode conversion challenges.

### MediaChassis series

- 1 or 2 slot AC powered chassis for installing "iMcV"-series modules
- Table-top mounting with internal power supply (wall or rackmounting brackets optional)

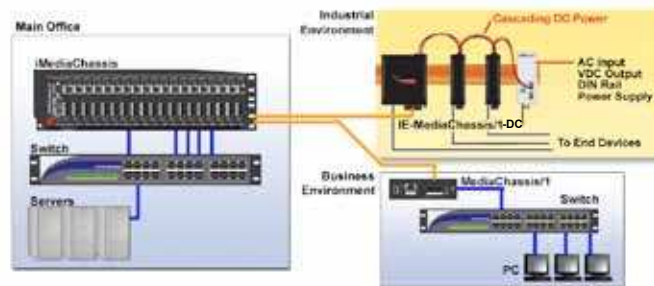
### IE-MediaChassis series

- 1 or 2 slot extended temperature versions (up to -40° to +80° C) for installing any "iMcV"-series modules
- AC or DC powering options available
- DC version features an extended voltage range on the DC terminal block
- Optional 1 slot version available with DC or both AC and DC powering
  - » DIN Rail mountable (DIN clips sold separately)
  - » Offers 4 terminal power block that supports cascading DC power
  - » Requires external isolated power supply\*







\*All other extended temperature DC versions feature internal isolated power supplies.

## Application Example

Install iMediaChassis at a central office and pair with MediaChassis populated with iMcV series modules at each remote location, to allow end-to-end monitoring of all connections from the central site.

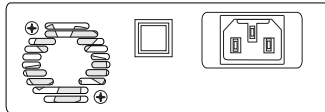


# Technical Specifications

|                | MediaChassis  |   | IE-MediaChassis (Extended Operating Temperature)  |  |   |   |
|----------------|---|---|---|--|---|---|
|                |  |  |                      |  |  |  |
| Version        | /1-AC   | /2-AC   | /1-AC   | /1-DC  | /2-AC   | /2-DC   |
| Part Number    | 850-13100   | 850-13101   | 850-33100*  | 850-32105  | 850-13106   | 850-32106   |
| # of Slots     | 1   | 2   | 1   | 1  | 2   | 2   |
| AC/DC          | AC  | AC  | AC/DC*  | DC   | AC  | DC*   |
| Power Supply   | 100 to 240 VAC, 50/60Hz, 1.0A<br>Internal AC Power Supply                         |   | DC Terminal:<br>7 to 50 VDC, 3A-0.1A  | 35 to 75 VDC, 500mA<br>Internal DC<br>Power Supply                                 | 100 to 240 VAC,<br>50/60Hz, 1.0A<br>Internal AC Power Supply                        | 35 to 75 VDC,<br>1.5A @ 75 VDC<br>Internal DC Power Supply                          |
| Regulatory     | FCC Class A, UL/cUL,<br>CE, CSA, CB   | FCC Class B, UL/cUL,<br>CE, CSA   | FCC Class B, UL/cUL, CE, CSA  | FCC Class B, UL/cUL,<br>CE, CSA  | FCC Class A, UL/cUL, CE, CSA, CB  |   |
| Operating Temp | +32° F to +122° F<br>(0° C to +50° C)   |   | -40° F to +158° F (-40° C to +70° C);<br>+14° F to +122° F (-10° C to +50° C)<br>with AC wall adapter |  | -31° F to +176° F<br>(-35° C to +80° C)   |   |
| Storage Temp   | -40° to +185° F (-40° to +85° C)  |   |   |  |   |   |
| Humidity       | 5% to 95%, non-condensing, 0 – 10,000 ft. altitude                                |   |   |  |   |   |
| Dimensions     | 1.55"H x 4.75" W x 7.3"D<br>(3.94 cm H x 12.07 cm W<br>x 18.57 cm D)              | 2.2"H x 4.75" W x 7.3"D<br>(5.6 cm H x 12.1 cm W<br>x 18.5 cm D)                  | 0.90"H x 4.30" W x 4.0" D<br>(2.29 cm H x 10.92 cm W<br>x 10.16 cm D)                                 | 1.55"H x 4.75" W x 7.31"D<br>(3.94 cm H x 12.07 cm W<br>x 18.57 cm D)              | 2.2"H x 4.75" W x 7.3"D<br>(5.6 cm H x 12.1 cm W x 18.5 cm D)                       |   |
| Weight         | 1.6 lbs (0.73 kg)   | 1.9 lbs (0.86 kg)   | 0.6 lbs (0.27 kg)   | 1.6 lbs (0.73 kg)  | 1.9 lbs (0.86 kg)   |   |

\* The DC power input for the IE-MediaChassis/1-AC chassis (850-33100), is not isolated, and cannot support positive reference ground systems typically used in Telco environments. The IE-MediaChassis/1-DC and IE-MediaChassis/2-DC are suitable alternatives.

## AC Power Options

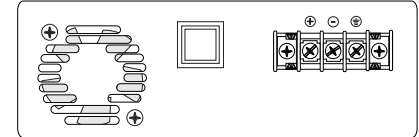


2-slot AC

## IE Power Options



Single-slot DC\* (IE model)



2-slot DC (IE model)



Single-slot AC



Single-slot DC (IE model)

Drawings are included to provide more detailed information on powering options for each device, and are not to scale.



Rackmount Shelf (895-39949)

## Ordering Information

| PART #                                       | DESCRIPTION   |
|--|---|
| 850-13100                                    | MediaChassis/1-AC 1-slot, table-top, internal AC power            |
| 850-13101                                    | MediaChassis/2-AC 2-slot, table-top, internal AC power            |
| Extended Operating Temperature (IE) Versions |   |
| 850-33100                                    | IE-MediaChassis/1-AC 1-slot, table-top, includes AC power adapter |
| 850-32105                                    | IE-MediaChassis/1-DC 1-slot, table-top, internal DC power         |
| 850-13106                                    | IE-MediaChassis/2-AC 2-slot, table-top, internal AC power         |
| 850-32106                                    | IE-MediaChassis/2-DC 2-slot, table-top, internal DC power         |

| PART#        | DESCRIPTION                                 |
|--------------|---|
| Accessories  |   |
| 895-39226    | McBasic/MediaChassis Rackmount Brackets     |
| 895-39227    | McBasic/MediaChassis Wallmount Brackets     |
| 895-39949    | Rackmount Shelf for iMediaChassis/3         |
| 806-39105    | DIN Clip                                    |
| 806-39300-DC | PS/300-Dual-DC Module for P/N 850-10954-2DC |
| 806-39400-AC | PS/400-AC Module for P/N 50-10954-2AC       |
| 806-39401-AC | PS/401-Dual-AC Module for P/N 850-10956-AC  |
| 806-39960-AC | PS/960-AC Module for P/N 850-10960-2AC      |
| 806-39960-DC | PS/960-DC Module for P/N 850-10960-2DC      |



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