

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

iMediaChassis/20

PRODUCT FEATURES

- 20-slot chassis supporting low to high density deployment
- Install wide varieties of media conversion and optical demarcation modules
- SNMP management using optional SNMP management module
- 19” rack or rack shelf mountable
- 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 modules which provide 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 copper-to-fiber, multi-mode to single-mode fiber and TDM conversions in a variety of speeds ranging from 10Mbps up to 10GB 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 SmartWorx 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
850-10960-ACDC	Includes 1 AC, 1 DC power module
605-10144-2AC	Includes 2 AC power supply modules
605-10145-2DC	Includes 2 DC power supply modules
605-10144-10	Empty chassis with power supply cage. Requires one AC and one DC power supply (see accessories)

*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
- 605-10144-AC - AC Power Supply (300W, 100-240V AC)
- 605-10145-DC - DC Power Supply (300Watt, -48V DC)



SNMP Module (optional)



Optional power supplies available for purchase, depending on chassis style. (Model# 806-39960-DS shown)

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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

- 850-10960 series: 100 to 240V AC $\pm$ 10%, 50-60Hz, 3.5/1.5A
- 605-10144 series: 100-240V AC + - 10%, 50-60Hz, 4.5/2A

DC INPUT LOAD: DUAL DC

- 850-10960 series: -48V DC, 5A Max (per module)
- 605-10144 series: -48V DC, 9A

AC/DC LOAD FOR 850-10960-AC/DC MODEL

- 850-10960 series: -48V DC, 4.4A Max, per module
100 to 240V AC $\pm$ 10%, 50-60Hz, 2A

ENVIRONMENTAL

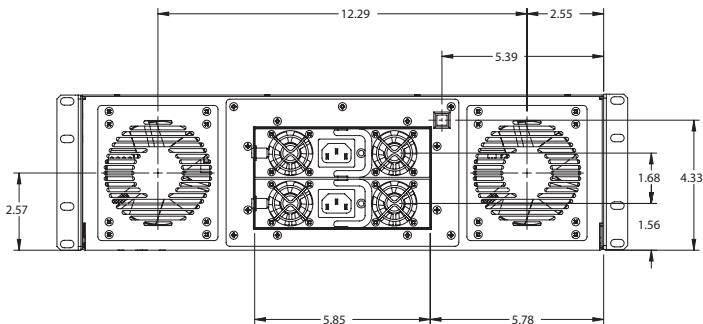
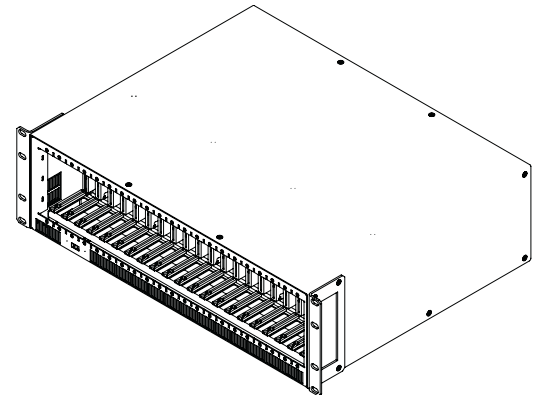
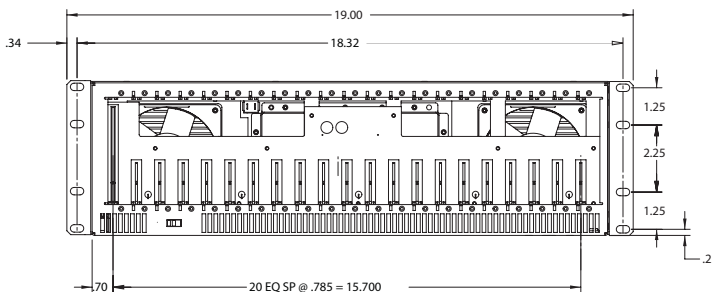
- Operating Temperature: +32° to +122° F (0° to +50° C)
- Storage Temperature: -4° to +176° F (-20° to +80° C): Dual AC, AC/DC
-4° to +140° F (-20° to +60° C): Dual DC
- Operating Humidity 5% to 95% (non-condensing),
0 – 10,000 ft. altitude

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)



Chassis shown with optional power supply.
Power supplies available for purchase, depending on chassis style.

