SNMP-Manageable Chassis
- for "iMcV" Series Modular Media Converters
iMediaChassis/20 series

B+B SMARTWORX

Powered by **ADVANTECH**

www.advantech-bb.com

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 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 VDSL2, T1/E1, and DS3/E3/STS-1. 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.

- A designated SNMP-Management slot to allow management of all iMcV-Modules in the chassis using one IP address
- 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 *	
605-10144-2AC	Includes 2 AC power supply modules
605-10145-2DC	Includes 2 DC power supply modules

*An SNMP module is required to utilize full SNMP functionality in the iMediaChassis family.

ACCESSORIES

850-39950 – iMediaChassis SNMP Management Module

605-10144-AC – AC Power Supply (300 W, 100-240V AC)

605-10145-DC – DC Power Supply (300 W, -48V DC)

iView[2]
DEVICE MANAGEMENT APPLICATION

Webserver Version iView[2] - free download from website.

SNMP module (optional)
850-39950

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SPECIFICATIONS

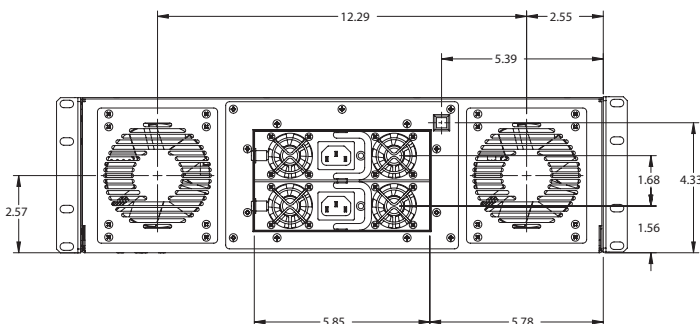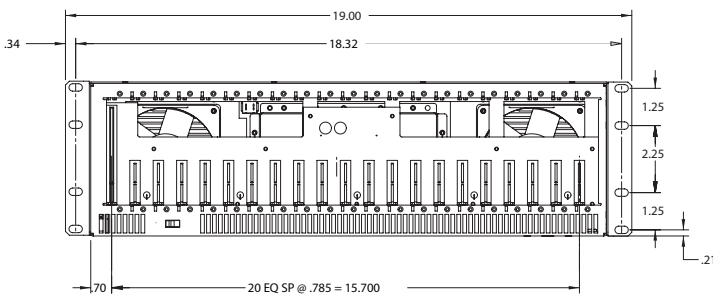| TECHNICAL |
| --- |
| SNMP-manageable with use of SNMP module |
| SNMP Write Lock switch protects the SNMP-configured settings |
| Last Gasp feature sends notification of AC line failures and power supply failures |
| Available with AC or DC power |
| Available with redundant power |
| Highest port 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	13.13H x 48.26W x 35.56D cm (5.17H x 19.0W x 14D inches)
Shipping Weight	13.60 kg (30 lbs)
AC INPUT LOAD: DUAL AC	
605-10144-AC series:	100 to 240V AC ± 10%, 50-60Hz, 4.5/2A
DC INPUT LOAD: DUAL DC	
605-10145-DC series:	-48V DC, 9A
ENVIRONMENTAL	
Operating Temperature:	0° to +50° C (+32° to +122° F)
Storage Temperature:	-20° to +80° C (-4° to +176° F): Dual AC, AC/DC -20° to +60° C (-4° to +140° F): Dual DC
Operating Humidity	5 to 95% (non-condensing) 0 – 10000 ft. altitude
REGULATORY APPROVALS	
Dual AC: FCC Class B	
Dual DC: FCC Class B	
UL/cUL, CSA, CE	
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	Dual AC: 678497 hours Dual DC: 678497 hours

MECHANICAL DIAGRAM
(dimensions in inches)

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