

iConverter

iConverter® 2-Module Power Chassis

The *iConverter* 2-Module Power Chassis features a single internal universal AC or 18-60VDC power supply and provides housing for all *iConverter* media converter and switch modules. When equipped with an *iConverter* management module or a converter module with integrated management, the 2-Module Chassis can be remotely managed via SNMP or Telnet, or locally managed via the serial port. When the chassis is managed remotely by an *iConverter* module with integrated management, no additional management network connection is required, thus providing a clear demarcation point between the Service Provider's and the customer's equipment at the Customer Premise.

The 2-Module Chassis features a backplane that enables sharing of Ethernet data between two installed *iConverter* modules that are equipped with Ethernet backplane ports.

The configuration shown has an *iConverter* Network Interface Device (NID) plug-in module with integrated management and a four-port switch module installed in the chassis. The modules share data via the chassis Ethernet backplane, providing a fiber uplink and five 10/100 customer ports. The copper-to-fiber converter module can be replaced with a fiber-to-fiber module, providing a demarcation node in a fiber ring that has four 10/100 UTP customer ports.



iConverter modules are hot-swappable and can also be mounted in a 19-Module (2U) or 5-Module (1U) rack-mountable (19-inch or 23-inch rack) chassis with any combination of redundant AC, 24VDC and 48VDC power supplies. They can also be mounted in a 1-Module AC power chassis for standalone deployment.



*Modules not included.

- 2-Module chassis with an internal AC or 18-60VDC power supply
- Houses all models of hot-swappable *iConverter* media converter and switch modules
- NEBS Level 3 Certification
- Ethernet backplane allows modules to share data to support a wide variety of network applications
- Management is available with the addition of a management module to the chassis
- SNMP management via *NetOutlook™* provides real-time port and module information, remote parameter configuration and trap notification
- Models 8230-1 and 8235-1 support Dying Gasp (Power Loss Trap) through a management module
- Optional support for wide temperature range of -40 to +60° C
- Wall-mount or table-top options
- Lifetime Warranty and free 24/7 Technical Support

SPECIFICATIONS

Chassis Type	2-Module AC (with Dying Gasp Support)	2-Module DC (with Dying Gasp Support)
Model Number	8230-0 (8230-1)	8235-0 (8235-1)
Module Capacity	2	
Power Supply Capacity	Fixed Internal	
Power Requirements (typical)	100 to 240VAC, 50/60Hz 0.5A @ 120VAC	+/- 18 to 60VDC -48VDC @ 1.0A
Dimensions	W:6.7" x D:5.51" x H:1.87"	
Weight	2.5 lbs	
Compliance	UL, CE, FCC Class A, NEBS Level 3	
Temperature	Standard: 0 to 50° C Wide: -40 to 60° C Storage: -40 to 80° C	
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4000m	
MTBF(hrs)	151,000	329,000

MANAGEMENT

Management is accomplished by using an optional *iConverter* Network Management Module (NMM), which is capable of managing up to 19 *iConverter* chassis using a single IP address. Management can also be accomplished by using an *iConverter* module with integrated management, such as the 10/100M2 managed media converter. Management can be accessed through a menu-driven command-line interface (CLI) via Telnet or the Serial Console Port, or can be accessed through a SNMP-based graphical user interface (GUI) such as Omnitron's *NetOutlook* management software.

The intuitive *NetOutlook* network management software provides real-time detailed port and module information as well as parameter configuration and event monitoring. *NetOutlook* can be used as a stand-alone application under Windows 98/XP/NT/2k/Vista or integrated with third-party SNMP management software.

Fixed parameters that can be monitored on the 2-Module Chassis include the chassis type and model, manufacturing information, along with hardware and software revisions and serial numbers of the installed module. Dynamic real-time parameters that can be monitored include chassis configuration, chassis health status and network traffic statistics for the modules.

In addition to all standard *iConverter* SNMP traps such as module insertion and removal, 2-Module Chassis models 8230-1 and 8235-1 support Dying Gasp traps (Power Loss Traps) in the event of loss of power. All of these events can be selectively enabled or disabled to cause SNMP traps.

ORDERING INFORMATION

Configuration	2-Module AC	2-Module DC
2-Module Chassis	8230-0	8235-0
2-Module Chassis with Dying Gasp Support	8230-1	8235-1
Wall-Mount Hardware Kit	8249-0	8249-0
Blank Module Panel	8090-0	8090-0
For wide temperature (-40 to 60° C), add a "W" to the end of the model number. Consult factory for extended temperature (-40 to +75° C) models.		

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