

iConverter® 2-Module Chassis 2-Module Manageable Power Chassis



FEATURES

- 2-Module chassis with an internal AC or 18-60VDC power supply
- Houses all models of hot-swappable *iConverter* media converter and switch modules
- Configurable Ethernet Backplane allows sharing of network traffic between installed modules
- Up to 16 *iConverter* chassis can be linked and managed using a single IP address
- GUI-based network management provides monitoring, configuration and event/trap management
- Manageable Out-of-Band via Serial Console, Telnet and SNMP, or manageable In-Band via Telnet or SNMP
- Wall mounted or table-top options
- Models 8230-1 and 8235-1 support Dying Gasp (Power Loss Trap) through a management module
- Supports wide temperature range of -40 to +60 C
- Lifetime Warranty and Free 24/7 Tech Support

DESCRIPTION

The 2-Module Power Chassis features a single internal universal AC or 18-60VDC power supply and provides housing for all models of *iConverter* modules. When equipped with an *iConverter* management module, the 2-Module Chassis can be remotely managed In-Band or Out-of-Band via SNMP or Telnet, or locally managed via the serial port. When the chassis is managed In-Band remotely, no additional management network connection is required, thus providing a clear demarcation point between the service provider's NID (network interface device) and the customer's equipment at the Customer Premise (CP).

When used in concert with a 19-Module or 5-Module Chassis at the central office of a Metro Area Network (or the core of a Enterprise LAN), the 2-Module Chassis provides ease of use, end-to-end management and equipment integration.

The 2-Module Chassis Backplane allows sharing of Ethernet data between two installed *iConverter* modules. Installed modules that are equipped with Ethernet Backplane ports have the ability to connect to each other via the chassis' Ethernet Backplane and facilitate a variety of flexible network applications including unmanaged, Out-of-Band managed, In-Band managed and multi-port configurations.

The *iConverter* 2-Module Chassis supports the entire family of *iConverter* manageable media converters and switches. All *iConverter* modules are hot swappable and support several mounting options. They can be mounted in a 19-Module (2U, 3.5 inch high) or 5-Module (1U, 1.75 inch high) space-saving 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 stand-alone deployment.

MANAGEMENT SYSTEM

Management is accomplished by using an optional *iConverter* Network Management Module (NMM), which is capable of managing up to 16 *iConverter* chassis using a single IP address. Management can also be accomplished by using an *iConverter* module with built-in management, such as the *iConverter* 10/100M managed media converter.

Management can be accessed through a menu-driven command-line interface (CLI) via Telnet or the Serial Console Port, or through an SNMP-based graphical user interface (GUI)

such as the 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 9X/ME/XP/NT/2K or integrated with applications such as HP OpenView™.

Using *NetOutlook*, 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.

CHASSIS SPECIFICATIONS

Chassis Type	Model Number (with Dying Gasp Support)	Module Capacity	Power Supply Capacity	Power Requirements	Dimensions	Weight	Compliance	Temperature -Standard Model -Wide Temp. Range Model -Storage	Humidity (non-condensing)	Altitude	MTBF(hrs)
2-Module AC	8230-0 (8230-1)	2	Fixed Internal	110VAC/0.5A@60Hz 230VAC/0.4A@50Hz	W:6.7" x D:5.51" x H:1.87"	2.5 lbs	UL, CE, FCC Class A, NEBS Level 3	0 to 45 C -40 to 60 C -40 to 80 C	0-90%	0-10,000 ft	151,000
2-Module DC	8235-0 (8235-1)	2	Fixed Internal	+/- 18-60VDC/1.0A	W:6.7" x D:5.51" x H:1.87"	2.5 lbs	UL, CE, FCC Class A, NEBS Level 3	0 to 45 C -40 to 60 C -40 to 80 C	0-90%	0-10,000 ft	329,000

ORDERING INFORMATION

iConverter Chassis Options

Configuration	19-Module AC	19-Module 24VDC	19-Module 48VDC	5-Module AC	5-Module 24VDC	5-Module 48VDC	2-Module AC	2-Module DC	1-Module US	1-Module International
One (1) Power Supply	8200-1	8205-1	8206-1	8220-1	8226-1	8225-1	8230-0	8235-0	8240-1	8240-2
One (1) Power Supply with Dying Gasp Support	-	-	-	-	-	-	8230-1	8235-1	-	-
Two (2) Power Supply	8200-2	8205-2	8206-2	8220-2	8226-2	8225-2	-	-	-	-
Three (3) Power Supply	8200-3	8205-3	8206-3	-	-	-	-	-	-	-
Spare Power Supply	8200-9	8205-9	8206-9	8220-9	8226-9	8225-9	-	-	-	-
23" Rack Mounting Kit	8091-2	8091-2	8091-2	8092-2	8092-2	8092-2	-	-	-	-
Wall-Mount Hardware Kit	-	-	-	-	-	-	8249-0	8249-0	8249-0	8249-0
DIN Rail Bracket Kit	-	-	-	-	-	-	-	-	8250-0	8250-0
Blank Module Panel	8090-1	8090-1	8090-1	8090-1	8090-1	8090-1	8090-1	8090-1	-	-

When ordering chassis models with Wide Temperature Range support, add the prefix 'W' to the beginning of model number. For example: W8230-1

iConverter NMM and Management Software

Model Type	Description
8000-0	SNMP Management Module (NMM)
8100-0	SNMP <i>NetOutlook</i> Software for Windows 9X/ME/XP/NT/2K and HP Openview (Single User License)

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