

Overview

The Intelligent Media Converter Chassis MC-1600 provides 16-slots and one management system in a 19"-rack chassis. The management function enables network administrators to monitor media converter connection status and configure the converter via an SNMP agent, Telnet or Web browser remotely or locally via an RS-232 console port.

The MC-1600 series media converter chassis allows the connection of up to sixteen Vilink Smart Fast / Gigabit Ethernet Converters in one chassis. With an independent power supply on each slot of the ENWMC-1600R series, any converter is hot-swappable without causing an interruption to other converters. Each bay of the media converter chassis can be populated with members of Vilink's smart media converter family. A redundant power supply is also provided to enhance the reliability with options of either 100-240VAC power or -48VDC power.

Vilink currently provides the MC-100 series (10/100Base-TX to 100Base-FX) and the MC-1000 series (1000Base-T to 1000BaseSX/LX) Smart Media Converters with various fiber connectors and connection distanced. While the converters are installed into the chassis, each converter can be configured and monitored through console, Telnet, Web and SNMP.



Features

- High quality 19" Rack-mountable Chassis
- Supports up to 16 hot-swappable slide-in modular media converters
- Two power slots for redundant power support w/ option of 100-240VAC or -48VDC power
- Reduces the effort of converter maintenance and management
- Two fans for increased airflow and cooling, LED indicators for system and fan status
- One 10/100Mbps Fast Ethernet port and one RS-232 port for system management (console, Telnet, Web, SNMP)
- Provides SNMP status of power, fan and converters with trap function for any chassis and connectivity events

Ordering Information

Model	Description
MC1600	19" 16-slot Intelligent Media Converter Chassis
MC1600P1	19" 16-slot Intelligent Media Converter Chassis (AC Power) with redundant power slot
MC1600DC	19" 16-slot Intelligent Media Converter Chassis (-48VDC) with redundant power Slot
MC1600PSAC	150W Redundant Power Supply, 100-240VAC
MC1600PSDC	150W Redundant Power Supply, DC -48V

* Call for pricing and availability

Specifications

Model:	MC1600 (AC)	MC1600 (DC)
Interface	PCI 2.1 Bus Master	
Protocol	IEEE 802.3u 100Base-FX	
Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3x flow control	
Cable	100Base-T: 2-pair UTP Cat 3,4,5; EIA/TIA-568 100ohm STP 100Base-TX: 2 Pair UTP Cat. 5; EIA/TIA-568 100ohm STP	
Management Interface	10/100Base-TX port x 1 RS-232 Console port x 1	
Speed	Ethernet: 10/20Mbps for half/full duplex Fast Ethernet: 100/200 Mbps for half/full duplex	
LED Indicators	PWR ON x 2, PWR FAIL x 2, FAN FAIL x2	
Power Input	100-240VAC, 50-60Hz	-48VDC
Power Consumption	3 Watts (maximum), not including converter (per slot)	
Power Input	7.5V, 1.5A (per slot)	
Dimensions	440x88x350mm (W x D x H); 2U	
Configuration	19" Rackmount	
Environment	Operating Temperature: 0 ~ 70°C Storage Temperature: -25 ~ 90°C Humidity: 10% ~ 90% RH (operating), 5% ~ 90% RH (storage)	
Emissions	FCC Class B, CE-mark Class B, VCCI Class B	

Application

