PLANET
Networking & Communication

Product Specification

Media Converter Chassis for 15 units Converter

MC-1500

Version 1.0

Change History:

Revision	Date	Author	Change List
Version 1.0	2001/11/28	Marc Liao	Initial release

Author	Marc Liao	Editor:	Marc Liao
Reviewed by:		Approved by:	

PLANET
Networking & Communication

1. PRODUCT DESCRIPTION

The 19-inch Media Converter Chassis, MC-1500 is designed to accommodate 15 units of various type media converter at a central location for multiple segments cross connection. Independent power supply in each bay of the MC-1500, you can freely install the converters without interrupting the rest of networks, Moreover, each bay of the media center can deploy to PLANET'S converter family like Ethernet, Fast Ethernet twisted pair to Fiber-optic conversion, Gigabit SX to LX conversion, etc….
The slide-in media converters are available for use at a 19-inch Media Converter Chassis.

2. PRODUCT FEATURES

- High quality 19" Rack-Mountable Chassis installation
- Supports up to fifteen (15) modular media converters
- Two fans brings the air-flow for system cooling, and LED indicators for system and fan status
- Bay power isolation, ensure each bay is electrically isolated from each other
- Support multiple converters - 10/100/1000Mbps, copper, Fiber, single/multi-mode ST/SC/MT-RJ connectors
- Reduce the effort of converter maintenance and management, diagnose the status at one time
- Cost-effective, easy install

3. PRODUCT SPECIFICATION

3.1 MAIN COMPONENT

Power:	Sunpower AC-DC power.
AC INPUT:	Universal 100 –250V 3A, 47-63Hz
DC OUTPUT:	100W Max. 5V/20A

3.2 FUNCTIONAL SPECIFICATIONS

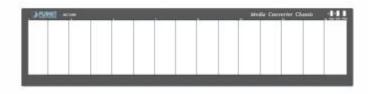|	
Converter slots	15 slots
Dimensions of slot	70.6mm x 26.5mm x 94.5mm (WxHxD)
Power Output per slot	+5V DC, 1A
DC Plug per slot	2.5 mm DC receptacle
LED indication	3; Power, FAN A, FAN B

3.3 PHYSICAL SPECIFICATION

Dimensions
438 mm x 103 mm x 200 mm (WxHxD), 2.4U, 19" Rack mount
Weight:
5 kg

Front panel

Front View of 19-inch Converter Chassis MC-1500

Rear panel

Rear view of MC-1500

LED and button definition

Printing	LED Status	Description
PWR	ON	The chassis is powered
	OFF	The chassis is not powered or power failure if the AC outlet is with 100~240V AC voltage. Please consult your local dealer if power failure.
FAN A / FAN B	ON	The fan is functional ok
	OFF	The fan is not powered or it is malfunction. If the fan LED remains off while power is on. Please consult your local dealer to replace the FAN.

3.4 ENVIRONMENTAL SPECIFICATION

Operating
Temperature: 0~50°C
Relative Humidity: 0~90%(non-condensing)
Storage
Temperature: -20~70°C
Relative Humidity: 0~90%(non-condensing)

3.5 ELECTRICAL SPECIFICATION

Input Voltage: 100~240V AC, 50/60Hz
Power Consumption: 100 watts / 341 BTU

3.6 REGULATORY COMPLIANCE

FCC, CE -mark

3.7 RELIABILITY

MTBF > 50,000Hrs

3.8 BASIC PACKAGING

    1 x Media Converter Chassis
    1 x Mounting Accessory(for 19" Chassis Shelf)
    1 x User's Manual
    1 x AC Power Cord