

Product Specification

Media Converter Chassis for 7 units Converter

MC-700

Version 2.0

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Change History:

Revision:	Date:	Author:	Change List
Version 1.0	2001/12/31	Marc Liao	Initial Release
Version 2.0	2009/03/06	Marc Liao	Power supply unit replacement.(DC output: 5V /4.4A to 5V / 8A)

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1. PRODUCT DESCRIPTION

High Density Chassis for multiple converter installation

Provide more capacity to the converters in one chassis. The MC-700 provides 7-Slot in the 10"-rack saving more spaces for fiber-optic wiring yet eases the maintenance of media conversion, it allows the connectivity of up to seven PLANET Ethernet, Fast Ethernet, Gigabit Ethernet or VDSL2 Converters in one chassis. The 7 slot in the 10" rack saves more spaces for Fiber-Optic wiring, simplifies the structure and eases the maintenance of media conversion. One fan with LED indicators for the system cooling and keep you informed in the system and FAN status.

Plug and Play / Flexible Installation

The MC-700 offers flexibility in installation and cost-effective scalable solution. With an independent power supply on each slot of the MC-700, any converter is hot-swappable without causing an interruption to other converters. The Media Converters can be plugged and played anytime. Each bay of the MC-700 can be populated with any of PLANET's Media Converter series, the FT, GT, VC-20x and ICS series Media Converter to provide media conversion between fiber optical, phone wire and serial to copper lines.

2. PRODUCT FEATURES

Hardware

- High quality 10" Rack-Mountable Chassis installation
- Supplies the Converters to be Plugged and Played
- Supports up to seven hot-swappable Media Converters
- One fan built-in for hardware cooling
- Reduces the effort of converter maintenance and management, diagnose the status at one time

Power System

- Power input with 100~240V AC power supply
- Bay power isolation ensures each bay is electrically isolated from each other
- Power protection: protection from over voltage, over current and short circuit

Compatibility

- Supports the PLANET Fast Ethernet, Gigabit Ethernet Media Converter series: FT-80x / FT-90x / FT-110x and GT-70x / GT-80x / GT-90x
- Supports VDSL2 Media Converter: VC-201 / VC-201A / VC-204
- Supports Serial over Ethernet Converter: ICS-10x series

3. PRODUCT SPECIFICATION

3.1 MAIN COMPONENT

Power: UMEC UPO601C AC-DC power.

AC INPUT: 100-240V AC, 50-60HZ, 1A

DC OUTPUT: 5V, 8A max.

3.2 FUNCTION SPECIFICATION

Model	MC-700
Converter slots	7 slots
Power Output per slot	+5V DC
DC Plug per slot	2.5 mm DC receptacle
LED indication	2; Power, FAN
FAN	1

3.3 PHYSICAL SPECIFICATIONS:

Dimensions:

217 mm x 88.5 mm x 140 mm (W x H x D) , 2U height, 10" Rack mount

Weight:

2kg

Front Panel:



Figure 1: MC-700 front panel

Rear Panel:

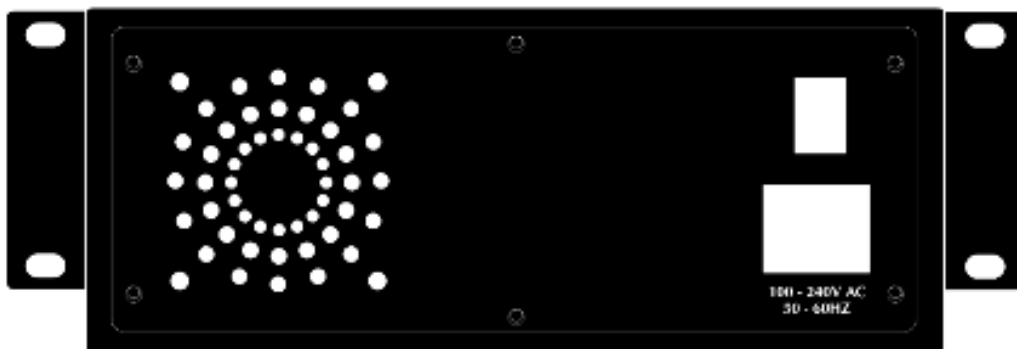


Figure 2: MC-700 rear panel

LED 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	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°C ~ 50 Degree C
Relative Humidity: 5% ~ 95% (non-condensing)

Storage:

Temperature: -40°C ~ 70 Degree C
Relative Humidity: 5% ~ 95% (non-condensing)

3.5 ELECTRICAL SPECIFICATION

Input Voltage: 100~240V AC, 50/60Hz, 1A
Power Consumption: 40 Watts / 136BTU

3.6 REGULATORY COMPLIANCE

FCC Part 15 Class A, CE

3.7 REALIABILITY

MTBF > 50,000 hrs @ 25 degree C

3.8 BASIC PACKAGING

The Media Converter Chassis x1
 User's manual x1
 Mounting Accessory (for 10/19" Chassis Shelf) x1
 Rubber feet x 4
 AC power Cord x1

3.9 PACKING DIMENSION

Dimension: 440mm x 484mm x 400mm (W x D x H), 5pcs in one carton
Weight: 13.8kg (Gross Weight)