

15-Slot Media Converter Chassis (DC Power)



High Density Chassis for Multiple Converter Installation

PLANET MC-1500R48 provides 15 slots for a wide range of PLANET media converter series. It allows the connectivity of up to 15 PLANET Ethernet, Fast Ethernet, Gigabit Ethernet, 10G Ethernet or VDSL2 Converters in one chassis. The 15 slots in the 19" rack saves more spaces for fiber-optic wiring, simplifies the structure and eases the maintenance of media conversion.

Extremely Reliable Design to Ensure Continuous Operation

The MC-1500R series supports the optional hot-swappable Redundant Power System (RPS) to ensure continuous operation. Included in the package, the MC-1500R is equipped with one 100~240V AC power supply unit, and the MC-1500R48 is equipped with one -48V DC power supply unit. To enhance the reliability, Both the MC-1500R and MC-1500R48 have one spare power supply slot for that optional purpose, with the continuous power systems are specifically designed to meet the demands for high tech facilities requiring the highest power integrity available.

Plug and Play / Flexible Installation

The MC-1500R48 offers flexibility in installation and cost-effective scalable solution. With an independent power supply on each slot of the MC-1500R48, any converter is hot-swappable without causing an interruption to other converters. The media converters and power modules can be plugged and played anytime. Each bay of the media converter chassis can be populated with any of PLANET's media converter series, the FT, GT, XT, VC-23x and ICS series to provide media conversion between fiber optic, phone wire and serial to copper lines.

Hardware

- High quality 19" Rack-mountable chassis installation
- Supplies the converters modules to be plugged and played
- Supports up to fifteen hot-swappable media converters
- Two fans built-in for hardware cooling
- Reduces the effort of converter maintenance and management, diagnose the status at one time

Power System

- Bay power isolation to ensure each bay is electrically isolated from each other
- Power protection: protection from over voltage, over current and short circuit

Compatibility

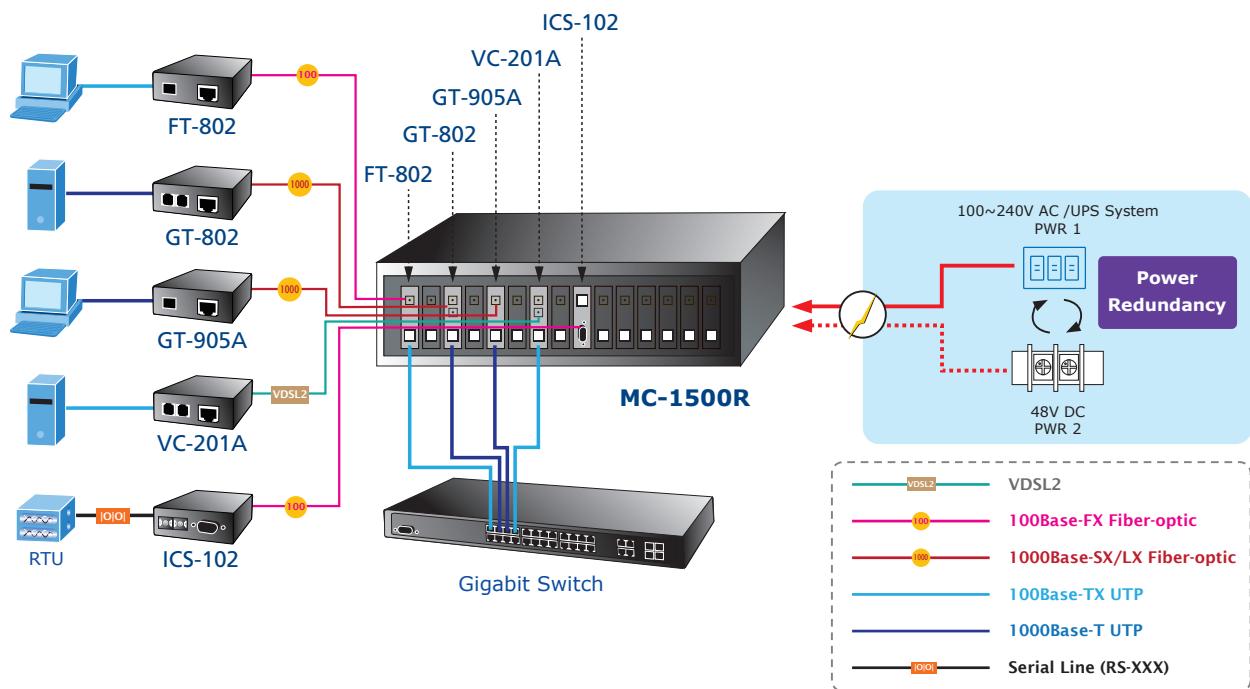
- Supports PLANET Fast Ethernet, Gigabit Ethernet, 10G Ethernet Media Converter series: FT-80x and GT-80x/GT-915A/GT-1205A/XT-705A/XT-715A/XT-815A
- Supports VDSL2 Media Converter: VC-231/VC-231G/VC-231GF/VC-232G
- Supports Serial over Ethernet Converter: ICS-11x/ICS-12x series

Applications

Centralized Media Converter Management

To meet the growing demand for the current FTTx network and Ethernet, PLANET MC-1500R48 provides advanced Media conversion technology to fill this kind of demand. The media converter chassis allows to install up to 15 FT-80x/GT-80x/GT-915A/GT-1205A/XT-705A/XT-715A/XT-815A Fast /Gigabit/10G Ethernet Media converter with diverse fiber connecting type options to meet different network applications. It is very flexible for FT-80x/GT-80x/GT-915A/GT-1205A/XT-705A/XT-715A/XT-815A series to be installed in the Media converter chassis for centralized power feeding and installation.

PLANET Media Converter chassis with Fast/Gigabit/10G Ethernet Media converter series is an ideal solution to building a network solution of FTTC (Fiber to the Curb) and FTTB (Fiber to the Building) for ISPs, campuses and enterprises.



Product Specifications

Product	15-Slot Media Converter Chassis (DC Power)
Hardware Specifications	
Dimensions (W x D x H)	440 x 180 x 102.3 mm, 2.4U height
Slot	15 open slots (Slot Dimensions (W x D x H) 27 x 95 x 71 mm,)
LED	Power 1, Power2, Fan1, Fan2
Fan	2 x Fan
Weight	4.2kg
Power Requirements	DC -48V , 2A, Range: -40V ~ -60V
Power Output	Each slot 5V DC 1A
Power Consumption	System on: 6 watts/20.46BTU Full Loading Maximum: 96 watts/327BTU
Operating Environment	0~50 degrees C, 5%~90%RH
Storage Environment	-20~70 degree C, 5%~90%RH
Emission	FCC Class A, CE mark

Ordering Information

MC-1500R48	15-Slot Media Converter Chassis (DC power)
MC-15RPS48	Redundant Power Supply, -48V DC
MC-15RPS200	200W Redundant Power Supply, 100-240V AC (UL Certified)

Related Products

FT-80x Series	10/100BASE-TX to 100BASE-FX Bridge Media Converters
GT-80x Series	10/100/1000BASE-T to 1000BASE-SX/LX Gigabit Media Converter
GT-915A	10/100/1000BASE-T to 100/1000BASE-X SFP Managed Media Converter
GT-1205A	10/100/1000BASE-T to Dual 100/1000BASE-X SFP Media Converter
XT-705A	10G/5G/2.5G/1G/100M Copper to 10GBASE-X SFP+ Media Converter
XT-715A	10GBASE-T to 10GBASE-X SFP+ Media Converter
XT-815A	2-Port 10G/2.5G/1G/100BASE-X SFP+ Media Converter
VC-231	Ethernet over VDSL2 Converter (Profile 30a)
VC-231G	Ethernet to VDSL2 Converter (35b profile w/ G.vector)
VC-232G	Ethernet over Coaxial Converter (35b profile w/ G. vector)
VF-10xG-KIT	1-Channel 4-in-1 Video over Gigabit Fiber Bundle Kit
ICS-110	RS232/RS422/RS485 Serial Device Server
ICS-115A	RS232/422/485 Serial Device Server with 1-Port 100BASE-FX SFP
ICS-120	2-Port RS232/422/485 Serial Device Server
MG-110	1-port RS232/422/485 Modbus Gateway
MG-115A	1-port RS232/422/485 Modbus Gateway with 1-port 100BASE-FX SFP
MG-120	2-port RS232/422/485 Modbus Gateway

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MC-1500R48