MCT-RACK-12-MGM Management Compact Media Converter Chassis

*The product doesn't include the slide-in converter modules which are optional devices.

12 Slots Compact Media Converter Chassis for MCT Series Converter

Features

- **12 Hot Swappable Converter Slots**
  Up to 12 Media Converter Modules can be powered by MCT-RACK-12-MGM without the Requirement of external Power Supplies.

- **Power Redundancy**
  With Two Hot Swappable Power Modules, Power Redundancy could be satisfied via the Selection of Power Supply (2DC, 2AC or 1DC+1AC) to prevent the Network from Unexpected Power Outage.

- **Centralized Management**
  MCT-RACK-12-MGM can be installed with MCT series Media Converters to keep them well-organized and neatly-deployed.

- **Secured Device Access**
  MCT-RACK-12-MGM supports Secure Shell Protocol Version 2(SSHv2) and Simple Network Management Protocol Version 3 (SNMPv3) to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.

Targrt Application

- Managed media converter which required monitoring point-to-point connection for the deployment of FTTX applications

Description

Connection Technology Systems (CTS) MCT-RACK-12-MGM, the compact media converter chassis, provides 12 slots for mixed installation of non-managed and managed MCT series media converters.
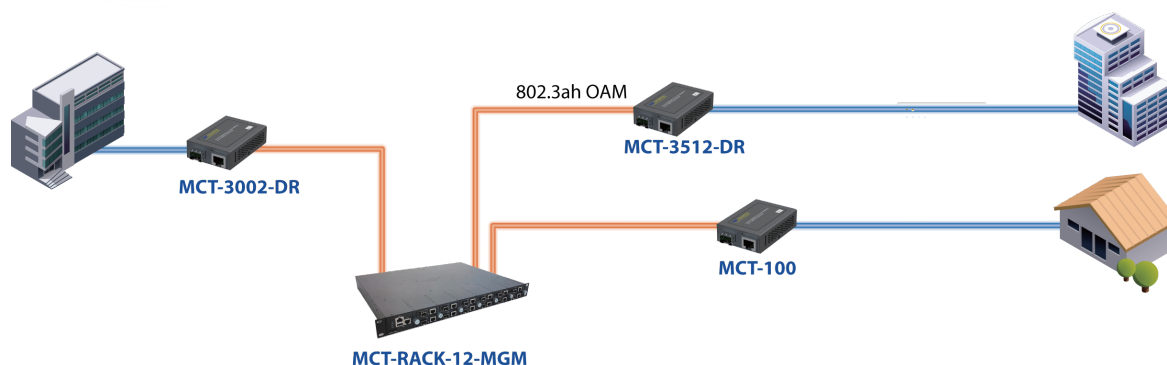
MCT-RACK-12-MGM provides network administrator with the ability to configure and monitor the in-rack managed media converter. If installing with non-managed media converter, the power source of in-rack converter could be simply turn on or off via the management of MCT-RACK-12-MGM. Moreover, if media converter module supports IEEE 802.3ah (OAM) standard, MCT-RACK-12-MGM can also configure and monitor the status of remote media converter.

Hot-swappable power module enhances MCT-RACK-12-MGM the flexibility of installation. Moreover, the feature of being equipped with two power modules into MCT-RACK-12-MGM has a redundancy that provides seamless power changeover when one of power module is fail.

MCT-RACK-12-MGM offers SSHv2 and SNMPv3 security mechanism to protect users against anyone with malicious intent. SSHv2 and SNMPv3 encrypt the user password and relevant information to make it harder to be sniffed by other people.

The installation & operation procedures of MCT-RACK-12-MGM are simple & straight forward. The standard SNMP management and WEB-based management make MCT-RACK-12-MGM becomes the best choice of network administrator.

CTS
Innovation to Your Needs

Application Diagram

Specification

Interface
- 1 x Ethernet Port (RJ-45)
- 1 x RS232 Port (RJ-45)
- 12 x Converter Slots
- 2 x Power Slots

Standard
IEEE802.3 10Base-T
IEEE802.3u 100Base-TX/FX

H/W Specification
Fast Ethernet with Auto MDI/MDIX
Power Redundancy
Plug & Play Design
Chassis Power Module Monitor
Chassis FAN Monitor
1 Digital Input
1 Digital Output(Alarm Relay)

LED
Power A, Power B, LAN, Status, COM

Network Management
Console/Telnet/SSHv2/WEB Management
SNMP v1/v2c/v3
SNTP (Simple Network Time Protocol)
Local Module Firmware Upgrade*
Local Module Configuration*:
- Half/Full Duplex
- Fiber Speed Auto-Sensing
- Port Speed
- Port Rate-Limit
- Link Alarm
Local Module Monitor*:
- Port Status
- Port Traffic Counter
- SFP/DMI Information

Power Requirement
AC Power Module:
- 100~240V, 50/60Hz
DC Power Module:
- 48VDC
Power Consumption
- Without Module: 7W
- Full Loaded (12 Modules): 26W

Environmental Condition
Operation: 0°C ~ 50°C
Storage Temperature: -20°C ~ 60°C
Humidity: 5% ~ 90% Non-Condensing

Dimension & Weight
Size: 440 x 342 x 44mm (WxDxH)
Weight (without Module installed): 5.7Kg

EMC/Safety
FCC Class A, CE

* For Managed Media Converter Only

Supporting Module

10/100Mbps:
MCT-100: 10/100BASE-TX TO 100BASE-FX CONVERTER MODULE

10/100/1000Mbps:
MCT-3002-DR: GIGABIT ETHERNET 10/100/1000BASE-T TO 100/1000BASE-X CONVERTER MODULE
MCT-3612-DR: GIGABIT ETHERNET 10/100/1000BASE-T TO 100/1000BASE-X MANAGED CONVERTER MODULE
MCT-3512-DR: GIGABIT ETHERNET 10/100/1000BASE-T TO 100/1000BASE-X MANAGED CONVERTER MODULE WITH OAM*

* Coming Soon

Order Information

MCT-RACK-12-MGM

MODEL	PORTS OF SLOTS		SUPPORT POWER SOURCE	REMARK
	Converter Module	Power Module		
MCT-RACK-12-MGM	12	2	without Power Module	Management Model
MCT-RACK-12-MGM-1A	12	2	1 AC	Management Model
MCT-RACK-12-MGM-2A*	12	2	2 AC	Management Model
MCT-RACK-12-MGM-1D	12	2	1 DC	Management Model
MCT-RACK-12-MGM-2D*	12	2	2 DC	Management Model
MCT-RACK-12-MGM-1AD*	12	2	1 AC + 1 DC	Management Model
MCT-RACK-12-MGM-AC POWER	-	-	-	AC Power Module
MCT-RACK-12-MGM-DC POWER	-	-	-	DC Power Module

*Two power modules enhance reliability that efficiently keeps MCT-RACK-12-MGM in steady power operation.

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