CTS
CONNECTION TECHNOLOGY SYSTEMS

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MCT-RACK-12

12 Slots Compact
Media Converter Chassis

Description

Connection Technology Systems (CTS) MCT-RACK-12, the compact media converter chassis, provides 12 slots for mixed installation of non-managed and managed MCT series media converters.

The installation & operation procedures of MCT-RACK-12 are simple & straight forward. It allows to collect MCT series converters together for the aim of neatly space saving solution.

Features

■ **12 Hot-swappable Converter Slots**

Up to 12 Media Converter Modules can be powered by MCT-RACK-12 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.

■ **Plug & Play Design**

This design gives immediate operation of any module instead of lengthy installation.

■ **Smart Fan With Auto-Speed Control**

Besides high quality fan to enhance heat dissipation, Smart Fan can adjust fan speed according to temperature to have better control of the device's power consumption and noise.

■ **Support for All Slot 10G MCT Series**

With the widespread use of the internet, people are increasingly reliant on it. The demand for high bandwidth, especially for video streaming and gaming, continues to grow. To meet these demands, the MCT-RACK-12 is designed to support the installation of our 10G media converters, the MCT-5002 series, in all slots.

Specification

■ **Interface**
-Media Converter Slots
 12 x Hot-Swappable
-Power Slots
 2 x Hot-Swappable
-Smart Fan
 3 x Hot-Swappable

■ **H/W Specification**
-Power Redundancy*
-Plug & Play Design

■ **LED**
Power A, Power B

■ **Ventilation**
-Smart Fan
 3 x Speed Auto-adjusting Fan

■ **Power Requirement**
-AC Input: 100~240VAC, 50/60Hz, 1.4~0.7A
-DC Input: 48VDC
-Max. Power Consumption: 72W (245.6 BTU/h)

■ **Environmental Condition**
-Operation: 0˚C~50˚C
-Storage: -20˚C~60˚C
-Humidity: 5%~90% RH, Non-Condensing

■ **Dimension & Weight**
Size: 440 x 342 x 44mm (W x D x H)
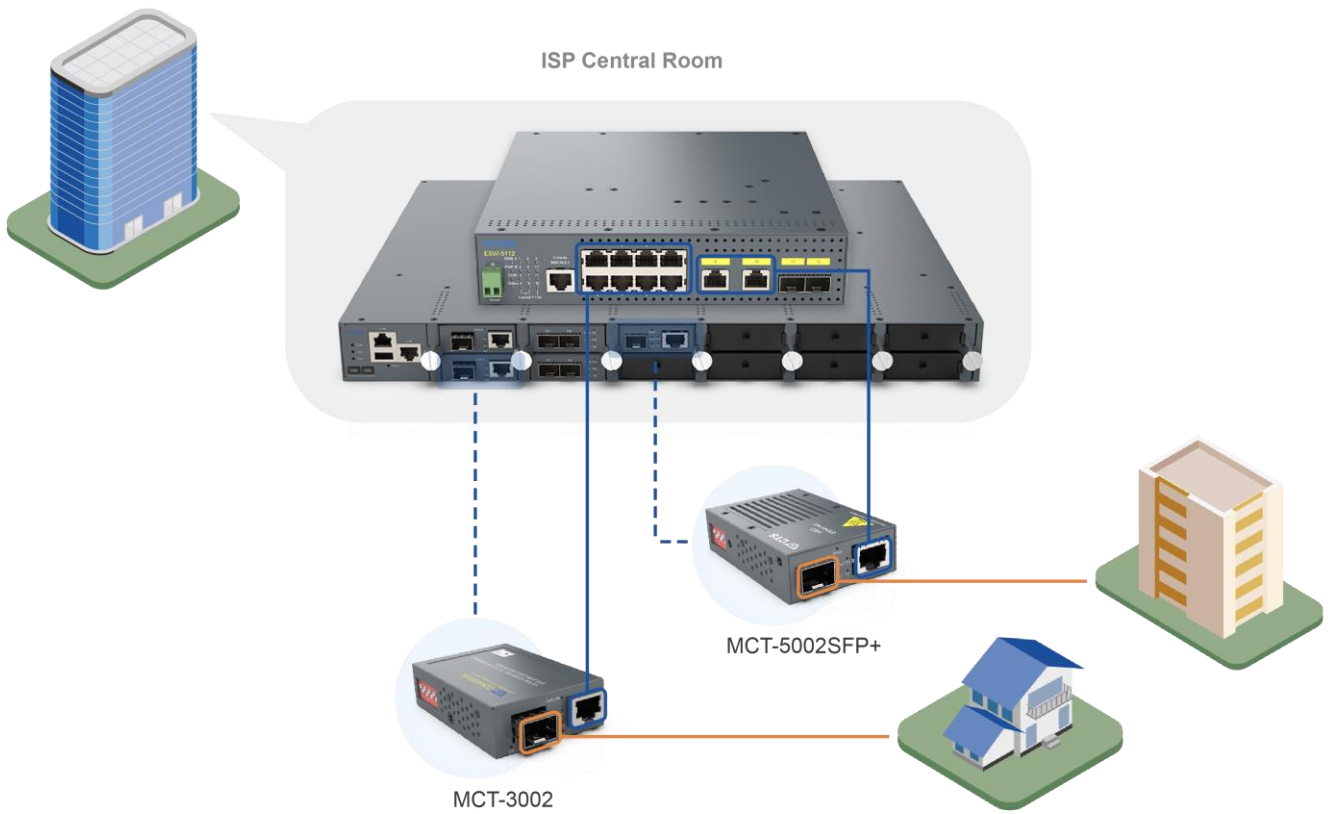Weight: 5.7kg (without Module installed)

■ **Installation Method**
-Standard 19-Inch Rack Installation
-Desktop Installation

■ **EMC/Safety**
FCC Class A, CE

*Only support when equipping two power module

Application Diagram

ISP Central Room

MCT-5002SFP+

MCT-3002

Order Information

Model	Module Slot Amount		Support Power Source	Remark
	Converter Module	Power Module		
MCT-RACK-12	12	2	Without Power Module	Non-managed Model
MCT-RACK-12-1A	12	2	1 AC	Non-managed Model
MCT-RACK-12-2A*	12	2	2 AC	Non-managed Model
MCT-RACK-12-1D	12	2	1 DC	Non-managed Model
MCT-RACK-12-2D*	12	2	2 DC	Non-managed Model
MCT-RACK-12-1AD*	12	2	1 AC + 1 DC	Non-managed Model
MCT-RACK-12-MGM-AC POWER**	-	-	-	AC Power Module
MCT-RACK-12-MGM-DC POWER**	-	-	-	DC Power Module

*The model equipped two power modules supports power redundancy, enhance reliability that efficiently keeps MCT-RACK-12-MGM in steady power operation.
**The MCT-RACK-12-MGM-AC/DC POWER are both suitable for MCT-RACK-12 series.

Support Module

MCT Series

Model	TP Port		Fiber Slot		
	Speed	Port	Speed	Type	Slot
MCT-100	10/100Mbps	1	100Mbps	BTFX/W2X/SFP	1
MCT-3002	10/100/1000Mbps	1	1000Mbps	BTFX/W2X/SFP	1
MCT-3002-DR	10/100/1000Mbps	1	100/1000Mbps	BTFX/W2X/SFP	1
MCT-3512	10/100/1000Mbps	1	1000Mbps	BTFX/W2X/SFP	1
MCT-3512-DR	10/100/1000Mbps	1	100/1000Mbps	BTFX/W2X/SFP	1
MCT-3612	10/100/1000Mbps	1	1000Mbps	BTFX/W2X/SFP	1
MCT-3612-DR	10/100/1000Mbps	1	100/1000Mbps	BTFX/W2X/SFP	1
MCT-5002SFP+	100M/1G/2.5G/5G/10Gbps	1	10Gbps	SFP+	1
MCT-5002FSMSFP+	-	-	1/10Gbps	SFP+	2