



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

CVT-RACK-16 Series

16-Slot Universal Media Converter
Chassis

Description

Connection Technology Systems (CTS) CVT-RACK-16, the universal media converter chassis, provides 16 slots for mixed installation of CVT series standalone non-managed and managed media converters.

Up to 16 media converters can be powered by the CVT-RACK-16 without the external power supply required. The CVT-RACK-16 features a redundant power supply system that has the automatic power load sharing function to ensure reliable system operation even in case one of the power supply modules failed.

Moreover, 3 hot-swappable fans are interchangeable while CVT-RACK-16 is in service, delivering highly convenient maintenance. CVT-RACK-16 can be used as a tabletop unit or mounted on a 19-inch standard rack by using bracket accessories shipped together with the media converter rack.

CVT-RACK-16 enables flexible network deployments, meeting various requirements of complex applications of media converters driven by an ever-blooming need for network communications.

- **Centralized Management for CVT Series Standalone Media Converters**

CVT-RACK-16 chassis supports mixed installation with CTS CVT series media converter, which is beneficial to the centralized management purpose, as well as meeting the ever-growing demands for complex applications of media converters.

- **Hot-Swappable Fans Providing Enhanced Cooling System**

Fans modules can be hot-swapped while the CVT-RACK-16 is in service. The cooling system ensures maximum heat dissipation and therefore prevents performance degradation on account of overheating.

- **Hot-Swappable Power Supply System**

Power supply modules can be hot-swapped while the CVT-RACK-16 is in service, which delivers maximum power availability even if one of the power supply units fails.

- **Effortless Plug-and-Play Operation**

Installation of the CVT series media converter requires no disorienting, time-consuming configuration. Once the converter is set into the slot, everything is good to go.

- **Rack-Mountable Chassis**

CVT-RACK-16 can be used as a tabletop unit or mounted on a 19-inch standard rack by using bracket accessories that come with the media converter chassis.

Target Applications

- **Non-managed media converter chassis for CTS CVT series standalone converters to fit point-to-point connection of FTTX deployment application.**

■ Interface

Number of Converter Module Slots: 16
Number of Power Module Slots: 2
Number of Fans: 3

■ LED

Power A, Power B

■ Redundancy

2 Hot-Swappable Power Modules

■ Hot-Swappable Module

Power Supply Module
Fan Module

■ Power Requirement

-AC Power Option (Per Power Supply Unit)
Input: 100 ~ 240VAC, 3.0A, 50/60Hz
Output: 5VDC
-DC Power Option (Per Power Supply Unit)
Input Voltage: 48VDC
Output Voltage: 5VDC
-Power Consumption: 9.5W (Empty Loading)

■ Environmental Condition

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

■ Case Material

Iron/Steel, Plastic

■ Dimension & Weight

-Size: 440 x 385 x 90mm (W x D x H)
-2U Rack Mount
-Weight:
7.65KG (The Chassis Only)
10.4KG (With 2 Power Modules)

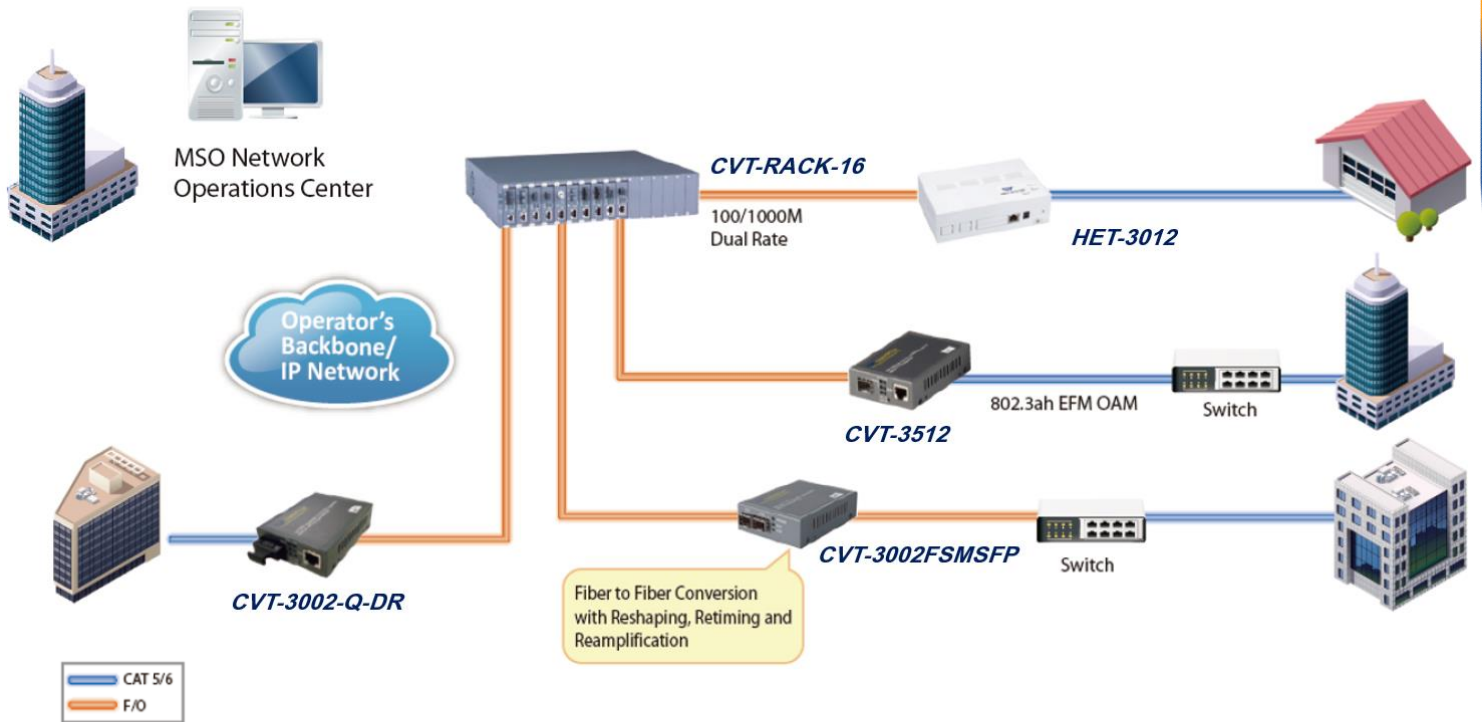
■ EMC/Safety

FCC Class A, CE

* Under development function

** Future feature

Application Diagram



Order Information

CVT-RACK-16

Model	Slot		Support Power Source	Remark
	Converter	Power		
CVT-RACK-16	16	2	Without Power Module	Non-managed Model
CVT-RACK-16-P1 AC	16	2	1 AC	Non-managed Model
CVT-RACK-16-P1 DC	16	2	1 DC	Non-managed Model
CVT-RACK-16-P2 AC	16	2	2 AC	Non-managed Model
CVT-RACK-16-P2 DC	16	2	2 DC	Non-managed Model
CVT-RACK-16-AC POWER	-	-	-	AC Power Module
CVT-RACK-16-DC POWER	-	-	-	DC Power Module