



19" 2U 14-Slot dual PSU

Fiber Media Converter Chassis Rack

Key Features

- Hot plug-and-play
- Dual power supply
- Can be used in AC 110~220V or DC-48V
- Mixed installation of 100M and 1000M standalone media converters
- Maximum convenience for centralized control



Introduction

19" 2U media converter rack is designed to concentrate 14pcs standalone media converters. The play-and-plug design provides great convenience in installation. Supports mixed installation of 100Mbps and 1000Mbps media converters.

This manual describes the using method of 14 slots rack, about its functions, operating instructions. Users should carefully read this manual before using, to not cause unnecessary damage to the machine.

Description

14-slot chassis is a highly integrated device, it can be integrated more than one Fast Ethernet media converter in a rack, for using more conveniently. 14-slot chassis can also be used on the chassis, it is easy to manage shelves and offer centralized power. The rack is hot-swappable, with back-up power supply, to provide a reliable, efficient and economical solution for network systems.

Application

- Building and campus network system
- Cyber Bar Systems
- Intelligent Community Networks
- Where centralized management is needed

Specification

Slots	14 slots
Compatibility	supports mixed installation
MTBF	50,000 hours
Operating Voltage	Dual power supply, 110V~220V AC/48V DC
Operating Temperature	-10°C~+75°C
Storage Temperature	-45°C~+85°C
Humidity	5%~90% non-condensing
Dimension	485mm(L)×238mm(W)×90mm(H)
Weight	5 kg/piece (Net Weight), 6.28 kg/piece (Gross Weight)

Performance requirements:

1. Standard dimension of 14 slots: 19 inches width, 2U height, can be installed on chassis, for centralized management and maintenance.
2. Use passive back-plane structure for a stable power input;
3. Each standalone media converter can be hot-swappable;
4. Power supply is fully shielded to prevent the module -running from electromagnetic interference.
5. The switches can run for long time continuously and stably, and provide over-voltage, over-current protection, power output ripple is less than 50mv;
6. Rack can provide maximum reliable insurance for media converters.

Installation

1. For rack with single power supply:

There are two ends for the three-wire power cord, plug one of the end into switch(220V), the other end into 220V AC power jack. Switch on the power supply when the device is working, LED of power will be on in green, fan will start rotating.

2. For rack with dual power supplies: Turn on the two power switches, LEDs of power will be on in green, rack is working and fan starts rotating.

3. Switch off the power supply, remove the front faceplate, and insert into the media converter cards, then use it according to the second procedure. LED of power on the media converter will be on in green, other operations are same as media converter.

Parameter

1. Power requirements

Input: 85—265VAC/50Hz Output: +5VAC

Ripple: $\leq 50\text{mv}$ Noise: $\leq 50\text{mv}$



2. Environment requirements:

Operation temperature range: -10 - 75°C

Storage temperature range:-45 - 85°C

Relative humidity: 5% - 90% non condensing

3. Dimension

485×231×90mm

Width:19 inches , height:2U

Dimension Chart

