



Fibre Optic Active

## Rack-Mount Media Converter Chassis Card Type

Rack-mount Media Converter Chassis are designed for management of media converters within a cabinet, we supply a chassis for up to 17 card type media converters.



### Features & Benefits

- For card-type and standalone media converters
- Mountable in standard 19" racks
- Up to 17 card-type media converters in one chassis
- 2U size
- Internal power supply for card-type chassis'
- Mounting brackets for standalone media converters
- Strong & robust cold-rolled steel frame
- Durable 19" Rack-mounted chassis Construction
- Redundant power supply ( RPS) unit
- SNMP-ready
- Optional DC-48V Power Supply
- Supports up to 16 line-card media converters
- Two (2) loading-sharing, hot-swappable power supplies
- LED status panel for fan, Power and slot
- Supports mix-and-matching between 10/100-base, copper, fiber, single/multi-mode, WDM products with ST or SC connectors
- fans can be managed
- Available with AC and DC power
- Ideal for mission-critical networks such as Enterprises, Banks, Military, etc.

### Technical Specifications

Capacity	17 Slots for up to 17 card-based media converters
Chassis	Aluminium/Steel
Power	Up to two power supplies Load-sharing, Hot-swappable, Rear-loading
Card Media Converters Adapted	10/100M
Standalone Media Converters Adapted	10/100M, 10/100/1000M, 1000M
Power In	AC 100V ~ 260V; Or DC 48V
Power Out	DC 5V, 20A
Diameter of DC Plug	2.5/5.5mm
Ripple	≤50 Mv
Noise	≤50 Mv
Protection Of Power Supply	Circuit-breaker when overvoltage, Circuit-breaker when overflow, Circuit-breaker when short circuit
Operating Temperature	0°C to 50°C
Storage Temperature	20°C to 85°C
Humidity	5% to 95%
Dimensions (mm)	485 (L) 231 (W) 90 (H) ; 19 Inches 2U
EMI	FCC part 15 class a ROHS



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### Fault and Maintenance of Media Converters

Fault Description	Cause Description	Maintenance
Power LED Lamps Are Off	Haven't connected the power plug or not a valid connection	Connect the power plug and make sure it is a valid connection
Link/Act LED Lamp Is Off	Haven't connected the electrical cables to the electrical port or not a valid connection	Connect the electrical cables to the electrical port and make sure it's a valid connection
	Used the wrong cables for electrical connection	Use right type of electrical cables for electrical connection
FX And FX Link/Act LED Lamps Are Off	Any fault with the NIC and the terminal of Ethernet	To make sure the NIC and the terminal of Ethernet can work normally
	There might be any faults with the terminal optical devices	Check the terminal optical devices and the main fibre to see if they can work normally. If not then maintain them
TX And FX LED Lamps Are Normal But The Data Cannot Be Transmitted	The optical fibre has broken down or the connection of optical fibre is not valid	
	The optical fibre is over loss	
	The connection between the optical fibre and devices is not valid, this will cause the TX power not strong enough	Check the fibre connectors and make sure the connection between the optical fibre and devices is valid
	The system gets power just for a little moment or any changes for the network, these may cost a little time for media converters to adapt	If this option can still not work a long time after all installations, then stop the power supply, wait a little moment and try again with the power on

### Management Module Main Features

- Used to collect the relational information from the media converters installed in the chassis, and manage the functions of media converters. It has one general 10/100M RJ45 port and one general RS232 console port.
- Support full range of manageable media converters or other manageable cards. Supports full range of standards such as HTTP , SNMP , TFTP , TELNET ...etc. The system has proper interface for each. It is easy to be understood and used, no need install special software, so that it is easier for the users.
- Support WEB based management
- Support Console management when emergency
- LAN port supports Auto MDI/MDI-X
- LAN port supports 10/100Mbps Auto-negotiation
- LED status for owner SYS(PORT),Alarm,100,Link/Activity
- Push-button for system restart
- If management module is not installed, then the chassis converters will function as unmanaged converters

### Ordering Information

Product Code	Description
17SLOTMEDIARACK	2U Media Converter Rack-mount Chassis – 17 Slot For Card-type Media Converters