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Make network communication more reliable

RACK2000B
Ethernet Media Converter Rack
Quick Installation Manual

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【Package Checklist】

Please check the integrity of package and accessories while first using the Ethernet media converter rack.

1. Ethernet media converter rack x 1
2. Power cord
3. Quick installation manual
4. Certification
5. Warranty card

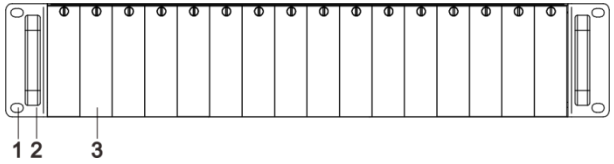
If any of these items are damaged or lost, please contact our company or dealers, we will solve it ASAP.

【Product Overview】

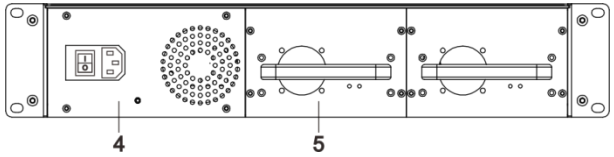
The product is an unmanaged 16 slots card Ethernet media converter 2U rack. The model is RACK2000B (16 slots card).

【Panel Design】

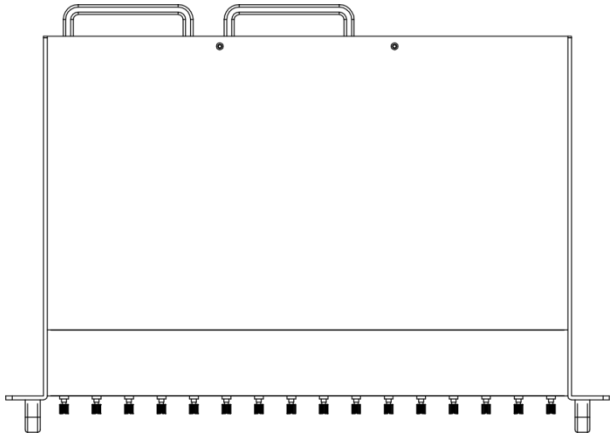
➢ **Front view**



➢ **Rear view**



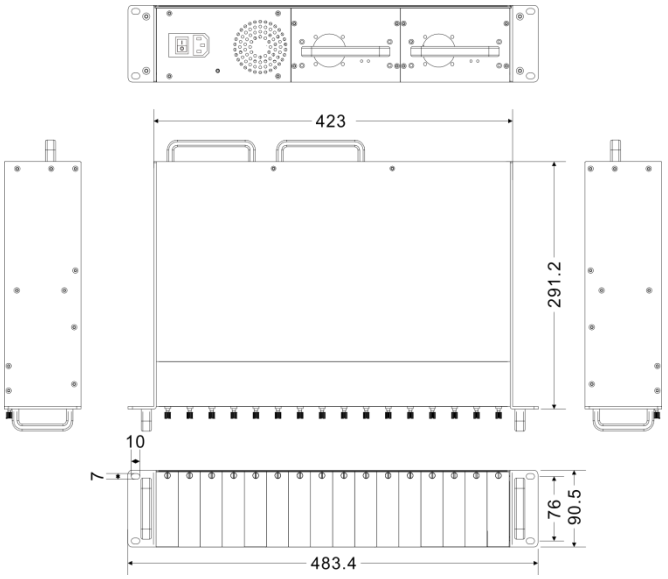
➢ **Top view**



1. Mounting lug
2. Handle
3. Damper (place the card device)
4. Power supply module
5. Fan module

【Mounting Dimension】

Unit: mm



Note before mounting:

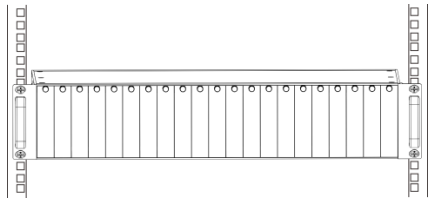
- Don't place or install the device in area near water or moist, keep the relative humidity of the device surrounding between 5%~95% without condensation.
- Before power on, first confirm the supported power supply specification to avoid over-voltage damaging the device.
- The device surface temperature is high after running, please don't directly contact to avoid scalding.

【Mounting Rack】

➢ **Install the device**

Step 1 Select the device installation location to reserve sufficient size.

Step 2 Place the device on the surface plate of the rack, adopt 4 screws to install the mounting lugs on the left and right sides on the rack.



Step 3 Check and confirm the product is firmly installed on

the rack, then mounting ends.

➢ **Disassemble the device**

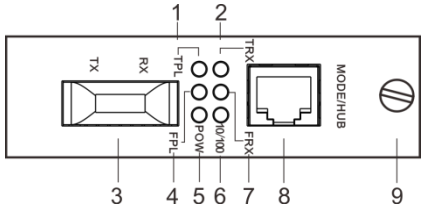
Step 1 Device power off.

Step 2 Unscrew the fixing screw of mounting lug on the rack.

Step 3 Remove the device from the rack, disassembling ends.

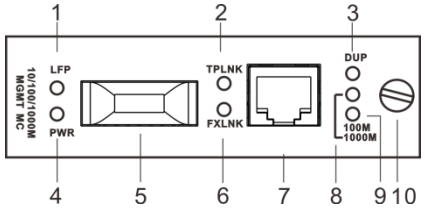
【Optional Daughter Card】

➢ **100M Ethernet media converter rack card**



1. Fiber port connection status indicator (TPL)
2. Copper port duplex mode indicator (TRX)
3. 100M fiber port
4. Fiber port connection status indicator (FPL)
5. Power supply connection status indicator (POW)
6. Copper port rate indicator (10/100)
7. Fiber port duplex mode indicator (FRX)
8. 100M copper port
9. Screw

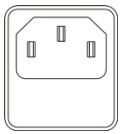
➢ **Gigabit Ethernet media converter rack card**



1. Link disconnection alarm indicator (LFP)
2. Copper port connection status indicator (TPLNK)
3. Copper port duplex mode indicator (DUP)
4. Power supply connection status indicator (PWR)
5. Gigabit fiber port
6. Fiber port connection status indicator (FXLNK)
7. Gigabit copper port
8. Copper port gigabit rate indicator (1000M)
9. Copper port 100M rate indicator (100M)
10. Screw

【Power Supply Connection】

➢ **AC power supply**



Professional communication power supply is embedded in the rack, which supports single and dual power supply optional.Dual power supply device, when one power supply fails; it can immediately switch to another power supply to ensure the device continuous power supply. Power supply input range: 100~260VAC.

【Indicator】

➢ **100M Ethernet media converter card**

Type	LED	Status	Description
Fiber port	FPL	ON	Fiber port link is connected well
		Blinking	Data is transmitted
		OFF	Fiber port link is disconnected
	FRX	ON	Full duplex mode
		Blinking	There exist conflicts
		OFF	Half duplex mode
Copper port	TRX	ON	Full duplex mode
		Blinking	There exist conflicts
		OFF	Half duplex mode
	10/100	ON	100Mbps
		OFF	10Mbps or out of service
	TPL	ON	Ethernet port is well connected
		Blinking	Data is transmitted
		OFF	Ethernet port link is disconnected
Power supply	POW	ON	Power supply is normal
		OFF	Power supply is not powered
			or fails

➢ **Gigabit Ethernet media converter card**

Type	LED	Status	Description
Fiber port	FXLNK	ON	Fiber port link is connected well
		Blinking	Data is transmitted
		OFF	Fiber port without data transmission or link fails
Copper port	100M	ON	100Mbps
		OFF	10Mbps or out of service
	1000M	ON	1000Mbps
		OFF	100Mbps or out of service
	TPLNK	ON	Copper port link is connected well
		Blinking	Data is being transmitting
		OFF	Copper port without data transmission or link fails
	DUP	Blinking	Full duplex mode
		OFF	Half duplex mode
Alarm	LFP	ON	Link disconnection alarm function is enabled
		OFF	Link disconnection alarm function is disabled
Power supply	PWR	ON	Power supply is normal
		OFF	Power supply is not powered or fails

【Specification】

Panel	
Copper port	10/100Base-T(X) or 10/100/1000Base-T(X), RJ45 interface, full/half duplex self-adaptive

Fiber port	100Base-FX or 1000Base-FX fiber port are full duplex SC/ST/FC interface
Indicator	Power supply indicator, rate indicator, duplex indicator, copper port indicator, fiber port indicator
Power supply	
Input power supply	100~260VAC, 50~60Hz
Output power supply	5VDC
Consumption	
Full-load consumption	< 60W
Working environment	
Working temperature	0~50℃
Storage temperature	-10~70℃
Working humidity	5%~90% (no condensation)