



# RACK2000D

## Ethernet Media Converter Rack

### Quick Installation Manual

#### 【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. Warranty card
4. Certification

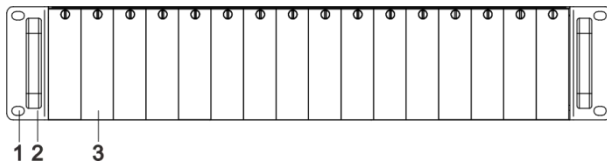
If any of these items are damaged or lost, please contact our company or dealers, we will solve it ASAP.

#### 【Product Overview】

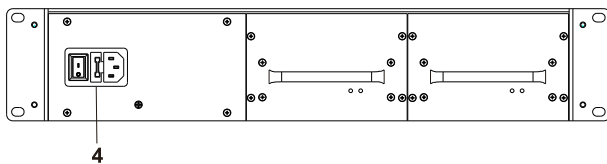
The product is an fan-less unmanaged 16 slots card Ethernet media converter 2U rack. The model is RACK2000D-N (16 slots card).

#### 【Panel Design】

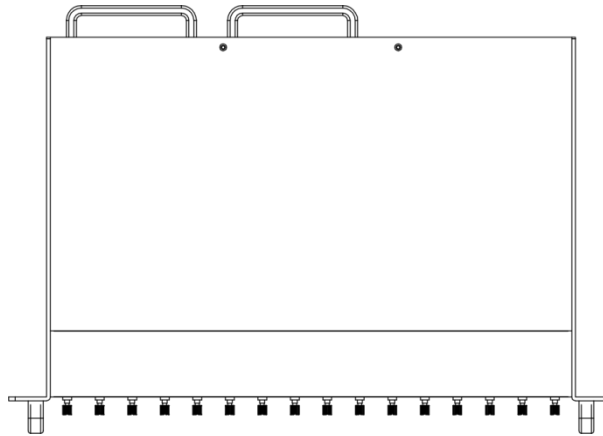
##### ➤ Front view



##### ➤ Rear view



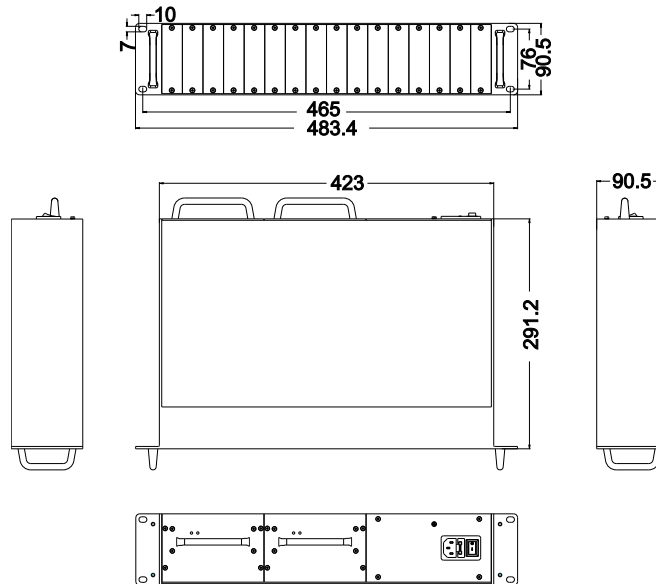
##### ➤ Top view



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

#### 【Mounting Dimension】

Unit: mm



#### Notice 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.

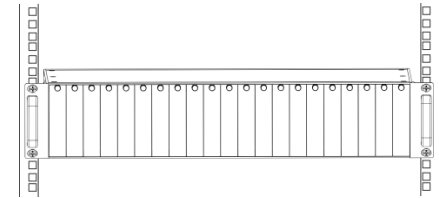
- Before power on, first confirm the supported power supply specification to avoid over-voltage damaging the device.
- The device surface temperature is high after running, please don't directly contact to avoid scalding.

#### 【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

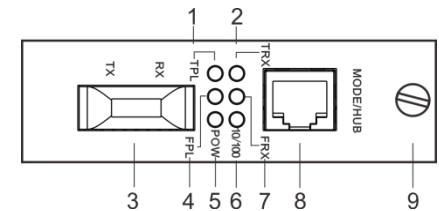
**Step 1** Device power off.

**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】

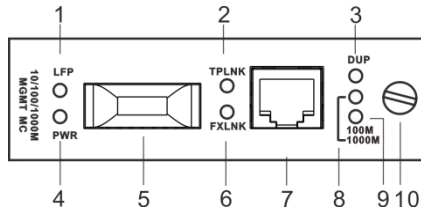
##### ➤ 100M Ethernet media converter rack card



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

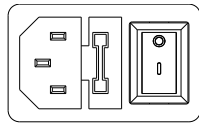
➤ **Gigabit Ethernet media converter rack card**



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

Type	LED	Status	Description	
		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

Type	LED	Status	Description
		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	-20~60℃
Storage temperature	-20~60℃
Working humidity	5%~90% (no condensation)

## **【 Disposal of Waste Electrical and Electronic Equipment (WEEE 2012/19/EU)】**

(Applicable in the EU-member states)



The crossed-out wheeled bin symbol on the equipment or its packaging indicates that the product, at the end of its service life, shall not be mixed with unsorted municipal waste but should be collected separately, in accordance with local laws and regulations.

A proper separate collection of end-of-life equipment for the subsequent recycling, treatment and environmentally compatible disposal, will help prevent potential damage to the environment and human health, facilitating the reuse, recycling and/or recovery of its component materials.