



RC001-4/RC002-4 (REV.B)
4-slot rack mounted chassis
User manual

Raisecom Technologies
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1. Cautions



Please read the following notices carefully before installing and using the device, Raisecom does not respond to any loss that caused by violating safety notice.



RC002-4 provides optical port, and there is visible and invisible laser radiation when open. Do not stare into the beam or view directly with optical instruments and if the optical port is not used please insert the plug.



RC002-4 is integrated device that has precise elements, please avoid violent shakes and impacts, and do not disassemble or maintain the device yourself. If it is required, please do it under the guide of our technical staff following in the steps of anti static. Please contact us if there is any need.



There must be grounding protection for the sake of safety; do not disassemble the device yourself, we regard it as you waiver your rights of repair guarantee.

2. Overview

RC001-4/RC002-4(REV.B) is a rack mounted chassis with 4 slots which can hybrid support 4 modules. RC001-4 is not manageable. RC002-4 can be managed.

The chassis is 19' wide, 1U high device. AC or DC power supply can be available. The design of chassis is much careful for the cooling and compliant with EMC.

3. Ordering information

Part number	Description	Dimension (mm)	Power supply
RC002-4AC	1U high and manageable 4 slots chassis with 220V AC power supply	440X43.6X266	176-264VAC 47~63Hz
RC002-4DC	1U high and manageable 4 slots chassis with -48V DC power supply	440X43.6X266	36-72VDC ₋₋₋₋
RC001-4AC	1U high and 4 slots chassis with 220V AC power supply	440X43.6X266	176-264VAC 47~63Hz
RC001-4DC	1U high and 4 slots chassis with -48V DC power supply	440X43.6X266	36-72VDC ₋₋₋₋

4. Parameters

1. The number of slot: 4
2. Power supply input
AC: 100~240VAC, 50/60Hz
DC: -36V DC — -72V DC
3. Noise: $\leq 50\text{mVp-p}$
4. Protection: Overflow circuit protection; short circuit protection
5. Storage temp: $-40^{\circ}\text{C} - +70^{\circ}\text{C}$
6. Working temp: $0-45^{\circ}\text{C}$
7. Humidity: 5%-95%
8. Dimension: 440mm(W) \times 43.6mm(H) \times 266mm (D)
9. Max power output budget: 40W

5. Mechanical structure and indicators

Front Panel



PWR indicator: Fixed on means power supply is working properly

6. Installation and preparation

1. Install the brackets and place into the standard rack.
2. When AC power supply is available, please insert one power cord end into rear receptacle and the other end insert 220V power supply. When DC power supply is available, please connect the cable according to the sign on rear panel.
3. Please check the ground connection. If the ground connection is not good, please connect the ground according the regulated line diameter to guarantee the reliability.
4. After connecting power supply, PWR indicator will be fixed on and green color. It means power supply is working properly. Otherwise, it means wrong condition of power supply.

RC001-4/RC002-4 can hybrid support diversified modules as following:

Product name	Product type	Interface	Description
RC1~6 media converter	Media Converter	Optic, Ether	10,100,1000Mbps Ethernet copper to fiber converter
RC8XX optic PDH mux	PDH/TDM	Optic, E1	1/2E1 optic PDH mux
RCMS2XXX. Multi-service PDH mux	Ether/PDH/TDM	Optic, Ether/E1/V.35	1/2E1+100M optic PDH mux
OPCOM	CWDM	Optic,RJ45	CWDM module
RC9XX interface converter	TDM, Ethernet	E1,Optic, RJ45, V.35	E1 to V.35 and E1 to Ethernet interface converter

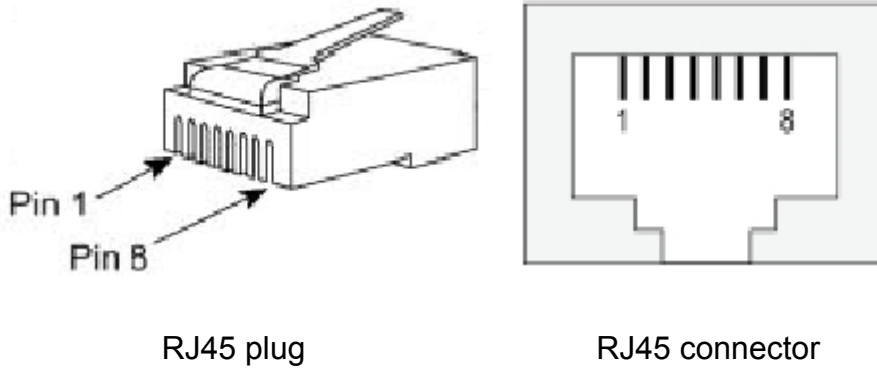
7. Q&A

	Question	Answer
1	PWR indicator is off	Please check the power supply
2	The location management interface	The management interface of RC002-4 is on the rear panel. RC001-4 chassis doesn't have management function.

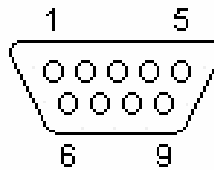
8. Appendix A: CONSOLE Cable making

RC002-4 RS232-RJ45 cable making:

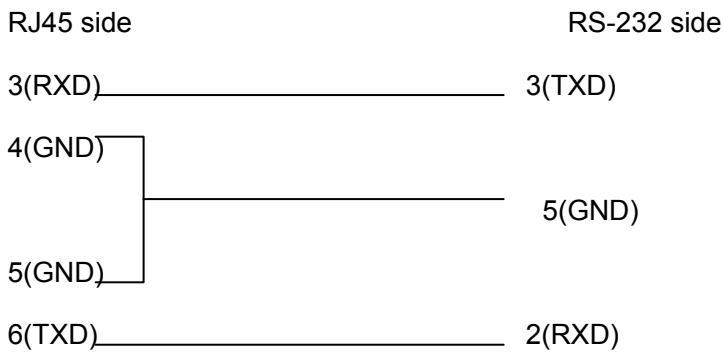
1, RJ45 pin layout is as following:



2, the pin layout of RS-232 with DB9 interface:



3, the pin layout of RS-232 with RJ45:



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Technical information may be subject to change without prior notification.