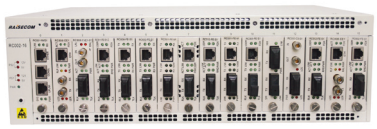
Datasheet

RC002-16 16-slot Chassis with SNMP Agent

RC002-NMS1/RC001-NMS2 Master/Slave SNMP Agent Modules

RC002-16 is a 19" 3U-height rack-mountable chassis in which up to 16 service modules can be installed, providing a CO/POP site solution for connecting up to 16 remote customers. The chassis is SNMP manageable with an SNMP agent module, which will take up one of the sixteen chassis. Each service module in RC002-16 works in a point-to-point topology with a remote unit. The pair of devices work independently, and will not influence the operation and management of other modules in the same chassis. All modules, including the SNMP agent module, are hot-wappable. One AC or DC power supply module is able to support a full chassis of service modules regardless of service types. RC002-16 provides space for two power supply modules providing a redundant and flexible power supply solution for customers.

When work with SNMP agent module RC002-NMS1, all the service modules in RC002-16 can be network managed on the GUI of Raisecom NView NNM system.



RC002-16

RC002-NMS1

Feature

Slot Number	Slot 0 for SNMP agent module, 15 slots for service modules Without SNMP agent module, 16 slots for service modules
Redundant Power Supply System	One power supply module supports a full chassis of sevice modules. Two power supply modules build up a redundant power supply system.
Efficient Heat Dissipation	Optimal structure for efficient heat dissipation
Hot-wappable modules	Power supply modules, SNMP agent module and service modules are all hot-swappable, and can be replaced with out interfering the operation and management of modules in other slots.
Flexibility in Module Types	Single chassis for various service modules with a variety of technologies, like media converters, interface converters, EoPDH modules, FiberMux, CWDM transponders, G.SHDSL modems, etc.
Easy Operating and Monitoring	Module installing, status indicators and cable connections are on the front of the chassis.
Easy Access and Access Control	Local CONSOLE port; SNMP port via Telnet with local authentication or RADIUS server authentication
CLI Management	Basic configuration for chassis operation Status monitoring and service configuration for selected service modules
SNMP Management	On the GUI provided by Raisecom NView system, the chassis and all service modules can be monitored and configured. With RC002 EMS, status can be monitored, traps can be received and analyzed, loopback test can be activated, resource information can be collected and classified.

Ordering Information

RC002-NMS1	SNMP Agent master module working in RC002-16
RC001-NMS2	SNMP Agent slave module working in RC002-16, for cascade structuring
RC002-16AC/S	RC002-16 with one AC power supply module
RC002-16AC/D	RC002-16 with two AC power supply modules
RC002-16DC/S	RC002-16 with one DC power supply module
RC002-16DC/D	RC002-16 with two DC power supply modules
RC009-2AC	Redundant AC power supply module for RC002-16
RC009-2DC	Redundant DC power supply module for RC002-16
Mount Angle 21	Accessory for installing RC002-16 on 21" rack, two angles for one chassis
Mount Angle 23	Accessory for installing RC002-16 on 23" rack, two angles for one chassis

Note: The RC002-16 chassis is provided with the mounting kits for standard 19" rack

Specification

Number of slot
16

Input power supply voltage
AC: 100V-240V, 50/60Hz
DC: -48V

Rated Current
20A

Short Current Protection
Yes

Over Current Protection
30A

Noise
≤ 100mVp-p

Port (on RC002-NMS1&RC001-NMS2)
CONSOLE: RJ-45
ETH (for SNMP and Telnet): RJ-45
Cascading port: RJ-45

Indicators
PWR: power supply for chassis
PS1-5: power supply PS1 for chassis
PS1-12: power supply PS1 for fan
PS2-5: power supply PS2 for chassis
PS2-12: power supply PS2 for fan

Dimension
442x130.5x350mm (WxHxD)

Power Consumption
≤ 80W (maximal load)

Working Ambience
Temperature: 0~45 degree centigrade
Relative Humidity: 5~95% non-condensing

Storage Ambience
Temperature: -40~70 degree centigrade
Relative Humidity: 20~90% non-condensing

Safety Compliance
CE & UL

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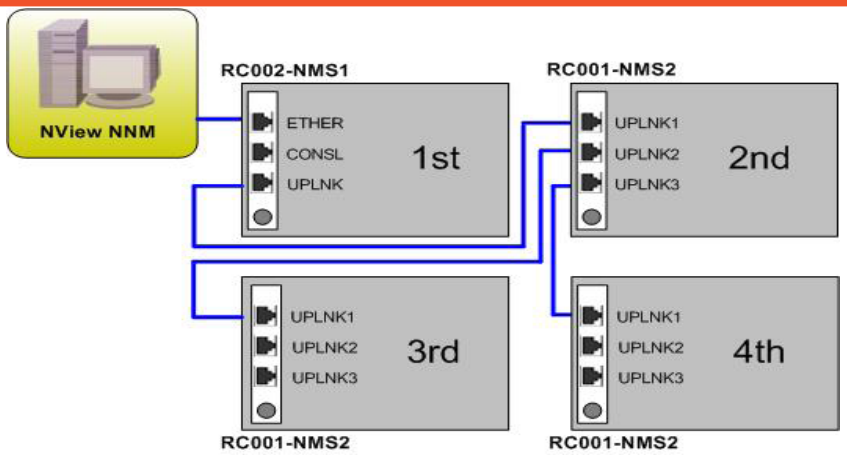
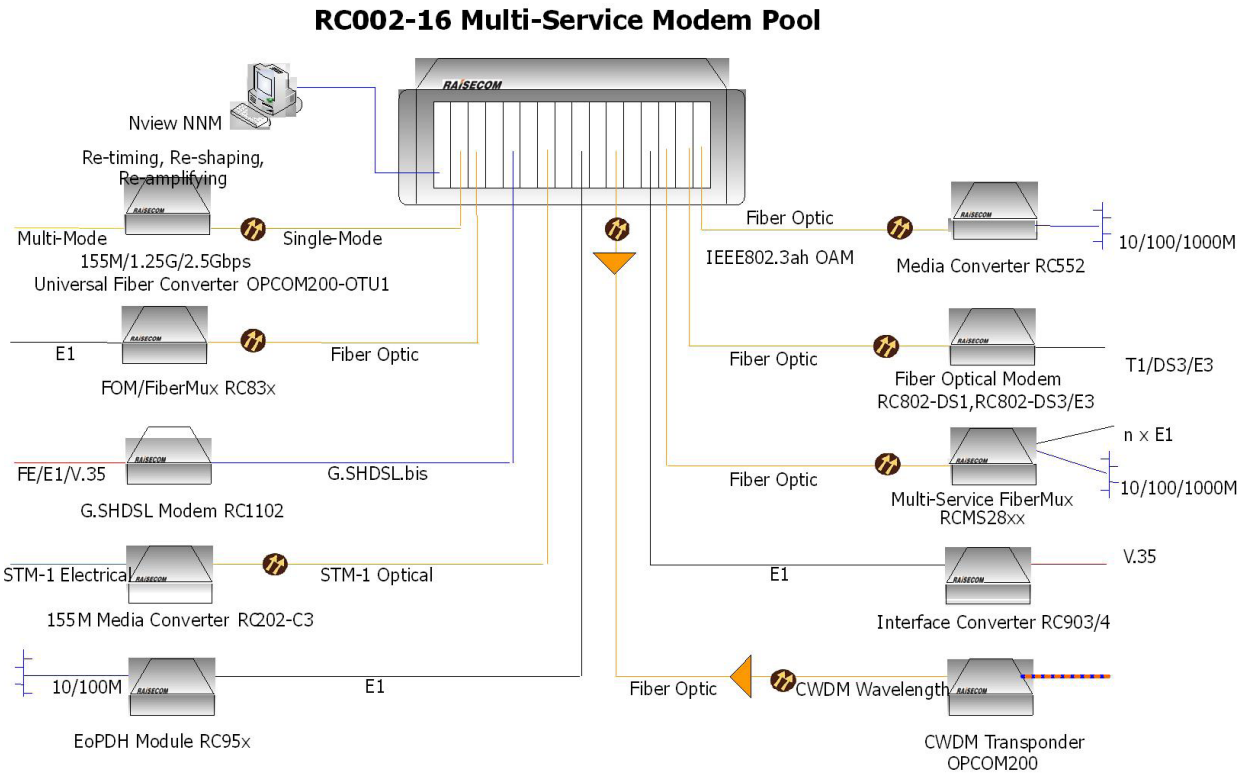
RC002 Cascade

With management agent master module RC002-NMS1 and slave module RC001-NMS2 connecting in the manner shown on the right, four RC002-16 chassis forms a cascade. At most sixty pairs of equipments at both local and remote sites can be managed through one IP address which is the IP address of RC002-NMS1.



Typical Application



Service Modules in RC002-16

RC1~6 series Media Converter
RC8xx series PDH FOM (1/2/4/8 E1 channels, 1 DS1 channel or 1 DS3/E3 channel)
RCMS28xx series multi-service PDH multiplexer (1/2/4/8 E1/T1 channels + 1 FE/GE)
RC9xx series interface converter (Ethernet to E1, Ethernet to DS3/E3, Ethernet to V.35 and E1 to V.35)
RC1102 series G.SHDSL modem
OPCOM200 series CWDM modules

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