

RAISECOM

Raisecom Technology Co., Ltd.

Datasheet

Ordering Information

RC3000E

RC3000E Multi Service Access Node chassis with with 1uplink slot and 3 downlink slots.

RC3000E-XX XX represent the type of power supply

RC3000E-AC/D : double AC power supply chassis

RC3000E-DC/D : double DC power supply chassis

RC3000E-AC/S : single AC power supply chassis

RC3000E-DC/S : single DC power supply chassis

RC3000E-AC DC : mix one AC and one DC power supply chassis

Uplink module

RC3000E-UP-8E1

Electrical E1 interface uplink unit, it provides 8xE1 75ohm unbalanced interfaces one DB37 connector.

RC3000E-UP-4E1

Electrical E1 interface uplink unit, it provides 4xE1 75ohm unbalanced interfaces 8 CC3 connector.

RC3000E-UP-4E1-BL

Electrical E1 interface uplink unit, it provides 4xE1 120ohm balanced interfaces 4 RJ45 connector.

RC3000E-UP-OPTFE-2E1

Optical interface uplink unit, it has one optical interface for uplink and one electrical E1 interface for downlink. The optical interface provides 8xE1 and 1 100Base-T Fast Ethernet, and the electrical interface provides 2xE1.

Downlink module

RC3000-SUB-10FXS

2-wire Foreign Exchange Subscriber (FXS) interface card, 10 interfaces per card, 3x RJ45 connectors.

RC3000-SUB-10FXO

2-wire Foreign Exchange Office (FXO) interface card, 10 interfaces per card, 3x RJ45 connectors.

RC3000-SUB-8EM

2/4 wire E&M trunk interface card, 8 interfaces per card, one SCIC female connector. Adapter cable : CBL-VOICE-SCSI50M(40)/NC-3m

RC3000-SUB-DMT

Magneto Telephone interface card, it provides 8 magneto telephone channels per card, 2x RJ45 connectors.

RC3000-SUB-DC64K

Low speed 64Kbps Co-Directional G.703 data interface card, 4 interfaces per card, 2 x RJ45 connectors.

RC3000-SUB-D232

Low speed RS232 asynchronous data interface card, 8 channels per card, up to 19.2Kbps, 4x RJ45 connectors.

RC3000-SUB-D422

Low speed RS422 asynchronous data interface card, 8 channels per card, up to 19.2Kbps, 4x RJ45 connectors.

RC3000-SUB-D485

Low speed RS485 asynchronous data interface card, 8 channels per card, up to 19.2Kbps, 4x RJ45 connectors.

RC3000-SUB-DV24

Low speed V.24 asynchronous data interface card, 4 channels per card, user selectable data rate Nx64Kbps (N=1~2) up to 128Kbps, 4x RJ45 connectors.

RC3000-SUB-DV35

High speed V.35 synchronous data interface card, 1 channels per card, user selectable data rate Nx64Kbps (N=1~31) DCE, one HDB26 female connector.

RC3000-SUB-DETH

High speed Ethernet interface card, it provides 1 channel 10 Base-T Ethernet port, data rate: Nx64Kbps (N=1~31), 1x RJ45 connector.

RC3000-SUB-DETHB

High speed Ethernet interface card, it provides 1 channels 10/100 Base-T Ethernet port, data rate: Nx64Kbps (N=1~31), 1x RJ45 connector.

RC3000-SUB-FE4E1

Inverse Multiplex card, it provide 4 channels E1 inverse multiplex function, the FE bandwidth up to 4E1.

RC3000E Multi Service Access Node

Datasheet

Feature

- Conforms to Bellcore, IEEE and ITU standards
- Integrated with digit/analogue access, duplex, cross, transmission and protocol conversion functions
- Compact 1U high enclosure
- Modular construction with one uplink slot and three services slots
- Electrical and optical E1 uplink interfaces
- The E1 uplink card support E1 channel protect function
- Modularity and support hot swap
- Flexible network topologies : Point-to-Point , Linear Drop/Insert, Star
- Support 512x512 crossconnect ability base on 64K with signaling
- Local and remote loopbacks
- Support bert test function
- Multipoint (multidrop) voice and data interfaces
- Voice Interfaces:

FXO/S	Hot-line(FXS-FXS)
2/4 Wire E&M	Magneto Telephone
- Data Interfaces:
 - G.703 co-directional at 64Kbps Data Interfaces
 - V.24 Synchronous Data Interface up to 128 Kbps
 - RS232 Asynchronous Data Interface up to 19.2Kbps
 - RS422 Asynchronous Data Interface up to 19.2Kbps
 - RS485 Asynchronous Data Interface up to 19.2Kbps
 - V.35 Synchronous Data Interface Nx64 Kbps (N=1~31)
 - 10/100 Base-T Ethernet Interface Nx64 Kbps (N=1~31)
- Programmable A,B signaling bits (time slot 16; E1 systems) supports all voice switching equipment
- Support two clock mode : master and recovery
- Remote Configuration Control and Performance Monitoring (RC3000E, RC3000, RC3101)
- Support timeslot independently or SA4/SA5 as network management channel
- Provide SNMP and console network management interfaces
- SNMP agent for in-band and out-of-band network management using Raisecom's NNM View software

Downlink Cards



RC3000-SUB-D232



RC3000-SUB-D422



RC3000-SUB-D485



RC3000-SUB-DV35



RC3000-SUB-DETH



RC3000-SUB-DETHx2

Relative Standards

ITU-T G.703	ITU-T G.704	ITU-T G.821	ITU-T G.823
ITU-T G.796	ITU-T G.707	ITU-T G.825	ITU-T G.826
ITU-T G.711	ITU-T G.712	ITU-T V.35	ITU-T V.11
ITU-T G.713	ITU-T G.714	ITU-T V.24	ITU-T V.28
ITU-T G.732	ITU-T G.813	IEEE 802.1	IEEE 802.3