



CR-1601 / 1602: Managed 16-Slot Chassis for Modular Media Converter

CR-1611 / 1612 / 21 / 22: Unmanaged 16-Slot Chassis for Modular Media Converter

Key Features

- Slim 2U design to save expensive data center space
- Intelligent management to efficiently monitor your critical connections
- Redundant power to prevent costly downtime
- Multiple choices of power, either 110~240 VAC or -48VDC to meet your application needs
- Reliable products backed by years of experience in converter and optic networking

Overview

Ruby Tech's CR-1600 series 19-inch multi-media converter chassis is designed to accommodate 16 slide-in modules of various type of media converter at a central location for multiple segments cross connection. Users can transparently link backbone equipments such as switches, routers to LAN workgroup segments. Because each channel operates independently, new modules may be added as required. This flexibility allows the unit to grow with the network. CR-1601/02/21/22 features an internal power supply, with an optional RPS (Redundant Power Supply) to provide redundancy. CR-1601/CR-1602 also provide management function to high end applications. Installation is easy, simply slide module into the chassis and the media is connected. All of the CR-1600 modules are hot swappable thus eliminating costly network downtime. Ruby Tech's CR-1600 series converter rack fits cleanly into any network environment. With a slim low profile chassis and a mix of 10Mbps, 100Mbps and Gigabit media converter cards, the CR-1600 becomes the perfect solution for connecting today's evolving networks.

Technical Specifications

CR-1601/1602

Management:

SNMP and web-based via in-band LAN port or local serial console

Management Features:

- Provides SNMP and Web management for the unit power status and module type, port link status of each media converter module
- Management from anywhere and any platform using a web browser
- Easy-to-use point and click user interface
- Photographic quality interface to configure and monitor the device
- In-band and out-of-band remote telnet management
- Local console management via RS232 port
- TFTP Software Upgrade

Management Supports:

The management unit:

The functions of management related components/devices are as below:

- **LAN Port:** The LAN port for in-band management
- **Console Port:** The console port for out-of-band management
- **Management LED**

The managed media converter module/device can be managed by:

- Direct console connection over an RS-232 cable
- Web browser software from Internet or Intranet over TCP/IP network
- Telnet software over TCP/IP network
- SNMP management over TCP/IP network

The managed media converter module/device can be managed/monitored by the following objects:

- The management configurations
- Number of modules installed in the converter rack
- The type of each converter module
- The slot position where each converter module is installed
- The UTP Port Link and Receive status of each converter module
- The Fiber Port Link and Receive status of each converter module
- The operation status of redundant power modules

The management configurations for the managed unit are as below:

- **System Name:** A logical name for the device
- **System Contact:** The contact person regarding the device
- **System Location:** The location where the device is installed
- **Public Community:** The SNMP community to which the device belongs
- **Private Community:** The Password to access the configuration

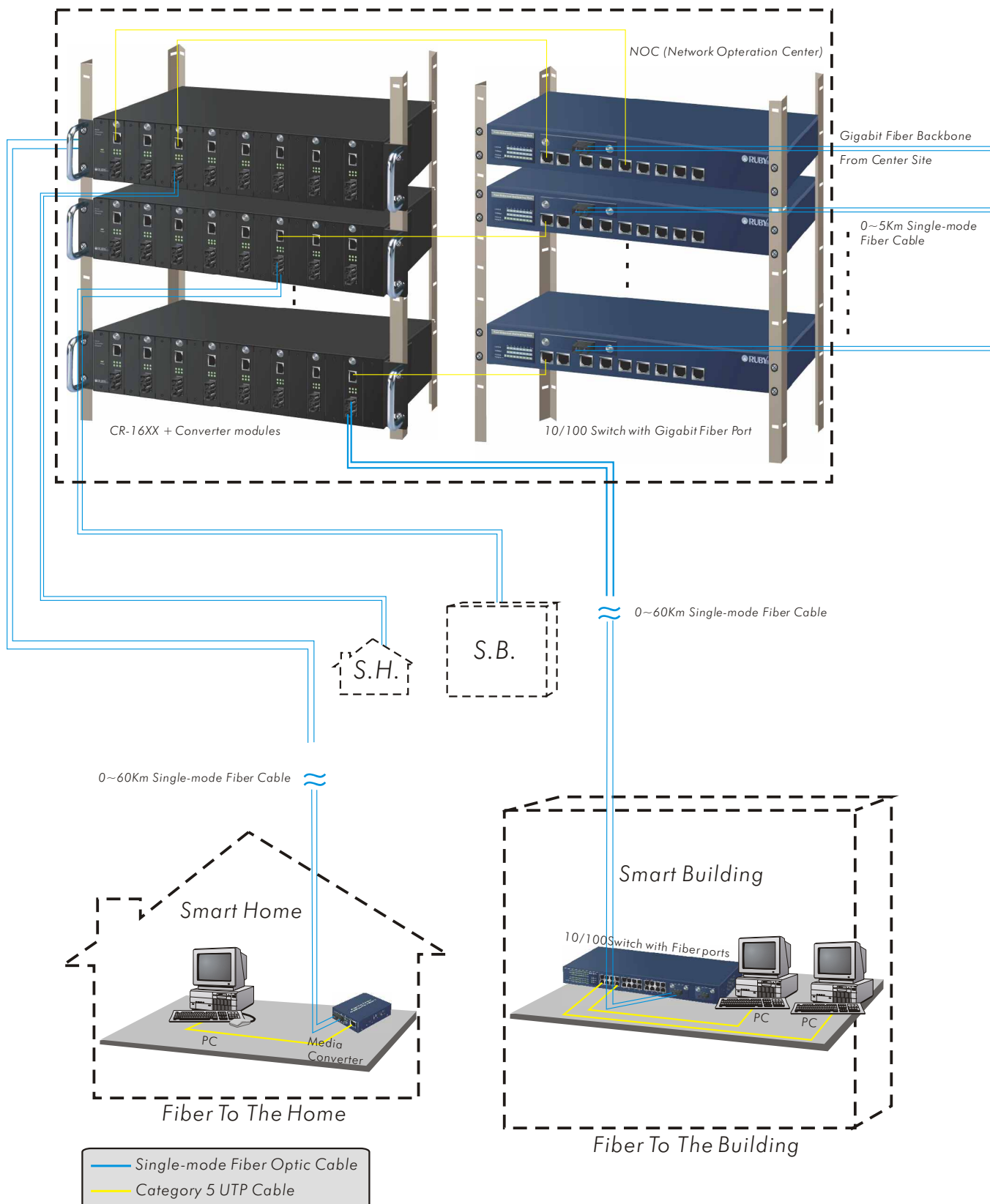
- **Network Address:** The Ethernet address of the TCP/IP network
- **IP Address:** IP Address for the management unit
- **Gateway:** The IP address of the default router in the TCP/IP network
- **Netmask:** The subnet mask of the TCP/IP network
- **Broadcast:** The broadcast IP address in the TCP/IP network

CR-1600 series matrix table

Model	Management	Power Input	Power Supply Configurations	Slots
CR-1601	Yes	110~240VAC	AC Redundant Power	16
CR-1602	Yes	-48VDC	DC Redundant Power	16
CR-1611	No	110~240VAC	AC Single Power	16
CR-1612	No	-48VDC	DC Single Power	16
CR-1621	No	100~240VAC	AC Redundant Power	16
CR-1622	No	-48VDC	DC Redundant Power	16

- **Capacity:** 16 Slots for modular Media converter (Per slot DC Power Output:1A @+5VDC)
- **Ambient Temperature:** Operating: 0 ~ 50°C
Storage: -20°C ~ 85°C
- **Humidity:** Operating: 5% ~ 95%
Storage: 0~90%
- **Dimensions:** 88(H) x 442(W) x 350(D)mm, mountable for 19-inch rack
- **Net Weight:** CR-1611/CR-1612---- 10Kg
CR-1601/CR-1602/CR-1621/CR-1622 --- 12Kg
- **UL, FCC Part 15 Class A & CE Mark**

CR-1600 in FTTH (Fiber To The Home) Applications



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