



mCRC

SNMP Managed Converter

Rack Mount Chassis



PRODUC DESCRIPTION

mCRC Chassis is a 19-slots, 2U chassis mountable **IEEE 802.3ah "In-Band"** SNMP base management chassis. This 2U chassis is typical suit for the wiring centre; all slide-in converters are hot-swap supported.

The Multiple Control Unit management module serves as a management agent to monitor system status and add-on converter modules for in-band and out-of-band management requests.

With **"Remote Loop Back Test and Diagnostic"**, one can easy identify cable and remote device status, and **"Remote Power Down"** trap function help you immediately get remote device power status, and for others features as **"Bandwidth Control"** can meet individual user requirements, **RMON monitor** provides network administrators with comprehensive network fault diagnosis, planning, and performance tuning information.

For new module, the **mCRC** Chassis provide very unique function to support **"Application QoS"** and **"Q-in-Q VLAN Tunneling"** base module, these modules can bring FTTX application meet next generation requirement which for IPTV, VoIP and Triple Player market.

The **mCRC** Chassis is fully compliant with IEEE802.3ah QAM and 802.1p priority standards. The installation & operation procedures are simple and straightforward. The standard SNMP management as well as WEB base management makes **mCRC** become the best choice of network administrator.

KEY FEATURES

- Support 19 Hot-Swap Convert Module in 2U Chassis
- Support 2 Hot-Swap Power Modules Include AC100-240V And DC48V
- Support swappable Multiple Control Unit management module
- Support Hot Swap Cooling Fan
- Support 2 Management Interfaces RS232 and Fast Ethernet
- Comply with IEEE 802.3ah FTTX network management standard
- Chassis Power Module and FAN Monitor
- Local port management function
 - ❖ Module Control - Auto/Speed/Duplex
 - ❖ Enhanced Control - Flow Control/ Rate Limit/ Broadcast Storm
- Remote port management function
 - ❖ Module Control - Auto/Speed/Duplex
 - ❖ Monitor - Model/Link/Speed/Duplex/ Auto/Flow Control/Power
- Full Wire Speed In-Band Diagnostic (Loop back Test)
- One Time System and module upgrade
- Supports in-band Telnet, SNMP and web-based management
- Supports out-of-band direct console management
- FTP/TFTP Software Upgrade
- Support SNTP Time Server
- Management Interface support Console/Telnet/SNMP/WEB
- 3 Levels User Account Management



- ❖ Monitor - Model/Media/Link/Speed/Duplex/Activity
- ❖ Enhanced Monitor - Traffic Counter
- ❖ Specification - Fiber Type/Wave Length/Distance
- ❖ Redundant Configuration (By Depend Module Function)
- Support IP Security
- SNMP Agent Support MIB II Interface (RFC 1213/1573) / RMON MIB (RFC 1757)
- SNMP Trap Support Warm/Cold Start / Authentication Fail / Power & Fan Fail / Local Module Link Up/Down / Local Power Module down / Remote Power Down / Remote
- Module TP Link Up/Down

SPECIFICATIONS

Multiple Control Unit	
Slot position	Slot 19
Console interface	RS-232
In-band interface	10/100 LAN port
Protocol	SNMP, Web and Console
LED	
P1, P2	Green LED, power module status
Console	Green LED, Console RS-232 Rx activities
DIAG	Green LED, CPU Initialization
FAN	Green LED, FAN failure indication
Link/ACT	Green LED, LAN port link and activities status
Interface & Port Number	
Number of Module Slot:	19 slots for mCS-170 or mLG-7 +MCU
Power	AC Power: 100~240V 50/60Hz DC Power: 48VDC 40A Max
Power Consumption	Without module: 7W Full loaded (16 modules): 120W Max Two CRM power modules for AC or DC plugged into rear panel
Typical Operation & Storage Temperature	Operation: 0° ~ 50°C Storage: -20° ~ 60°C Humidity: 5% ~ 90% non-condensing
Emission/Safety	FCC Class A, CE

