

## >> MOD-MCSNMP

### Network Management Module

The Management Module provides the brain of the Chassis systems (MCR116) for the media converter family. It features a 32-bit, high performance RISC microprocessor executing a real-time operating system. It supports the SNMP, Web-base and console management. During normal operation, it polls all converters and power supplies within its domain each fresh time which is software configurable, collecting status and module information as well as setting required parameters. It reports its collected status via the SNMP, WEB, Telnet or Console. It is password protected to prevent unauthorized access. New module software updates to the MOD-MCSNMP can be downloaded during normal network operation via web or TFTP.



### Feature

- One 10/100Mbps Fast Ethernet port and one RS-232 port for management Protocols SNMP (RFC1157), ARP(RFC826), IP(RFC791)
- Provides one port 1000BASE-T, one port single-fiber bi-direction fiber optic with SC connector
- ICMP (RFC792) UDP (RFC768), TCP (RFC793), TFTP (RFC783), Telnet (RFC854), BOOT (RFC951) MIB II (RFC1213)
- Web-based management via HTTP on the out-of-band 10/100Mbps Fast Ethernet port
- Real-time display the link, speed, duplex status of media converters
- Menu-driven terminal management through the console port or Telnet
- Supports SNMP v.1 Agent Management with MIB-2 and enterprise MIBs
- Supports cold start, warm start, authentication fail, power fail, fan fail, module insertion, module pullout, port link down and port link up traps
- Firmware update download as well as configuration setting upload and download through TFTP or web update
- Supports factory reset and remote software reboot
- Supports redundant backup of media converter
- Remote set the configurations of Smart Media Converter module, like LLCF enable, LLR enable, port enable, auto-negotiation enable, etc.

### Specification

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T Ethernet</li> <li>• IEEE 802.3u 100 Base-TX Fast Ethernet</li> <li>• IEEE 802.3x flow control</li> </ul>
<b>Protocol</b>	<ul style="list-style-type: none"> <li>• CSMA/CD</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps (Half Duplex), 20Mbps (Full Duplex)</li> <li>• Fast Ethernet: 100Mbps (Half Duplex), 200Mbps (Full Duplex)</li> </ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"> <li>• Power On, Power Fail, Fan Fail, MGM, Console, Link/ACT</li> </ul>
<b>Cable</b>	<ul style="list-style-type: none"> <li>• 10Base-T: 2-pair UTP Cat. 3, 4, 5; EIA/TIA- 568 100-ohm STP</li> <li>• 100Base-TX: 2-pair UTP Cat. 5; EIA/TIA-568 100-ohm STP</li> </ul>
<b>Fixed Ports</b>	<ul style="list-style-type: none"> <li>• 1 * 10/100Base-TX port</li> <li>• 1 * 9 pin RS232 console port</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 3W (max.)</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: 0°C ~ 50°C</li> <li>• Operating Humidity: 10% ~ 90% (Non-Condensing)</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Ordering information

**MOD-MCSNMP**    Network Management Module for RP-MCR116