



Network Management Module

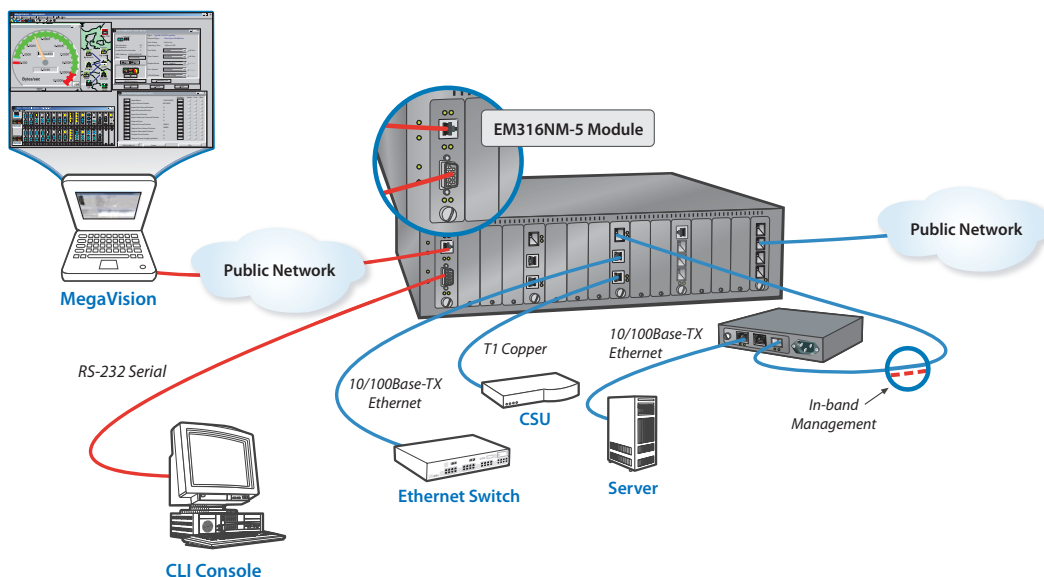


Overview

The Fiber Driver® EM316NM-5 Network Management Module provides monitoring and management for a Fiber Driver chassis system. It polls each active Fiber Driver module in its chassis using public and MRV MIBs for critical information such as MAC addresses, module types, and link status. The management module also enables module loopback testing and provides the ability to configure parameters such as the system IP address. It monitors for loss of signal on data ports, temperature out of range, power supply status, fan status, and transmit and receive signal detection. It also supports an extensive array of traps with automatic e-mail notification and system messages.

Features

- Remote configuration and monitoring of a Fiber Driver chassis and installed Fiber Driver modules
- Local management access through an RS-232 command line interface (CLI)
- Remote management through Telnet or SNMP
- Remote management with MegaVision Pro® from MRV or any standard NMS system
- Event traps with e-mail notification
- Ping, module loopback diagnostics, and module reset support
- Fiber Driver chassis compatibility with two-slot, three-slot, four-slot, and sixteen-slot modules
- Front panel LED status indicators for power, transmit, receive, and link





The EM316NM-5 module provides three ways to manage a Fiber Driver chassis, modules, and fiber infrastructure.

- 1) Out-of-band management using a command line interface (CLI) through the RS-232 connector.
- 2) In-band management using Telnet (through the 10BaseT Ethernet (RJ-45) connector) from the Ethernet network.
- 3) SNMP (In-band) management through MegaVision Pro® or any standard network management system using SNMP.

Configurable Fiber Driver Information Includes:

- Trap message levels
- IP address
- Port controls and provisioning
- Module resets
- Other control features

Information Readable by Management Includes:

- Link status
- In range temperature
- Module type
- Card ID
- Revision number
- Slot and port number
- Power supply status
- Additional information specific to some modules

Contact your nearest authorized MRV representative or visit <http://www.mrv.com> for more information on these and other Fiber Driver products.

Physical Specifications:	
Operating Temperature Range	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Relative Humidity	85% maximum, non-condensing
Physical Dimensions	25 mm x 75 mm x 175 mm deep (1" x 3" x 7" deep)
Weight	Approximately 145 g (5.1 oz)
Regulatory Compliance	FCC Part 15 (Class A); IC (Class A); EMC Directive: Emission (Class A) and Immunity; RoHS Directive; China RoHS; WEEE Directive; ETSI; NEBS; C-Tick

Ordering Info	Part Number	Description
	EM316NM-5	Fiber Driver Network Management Module

Compatibility Note: The "-5" models are not interoperable or compatible with earlier revisions of these modules. Management of these line cards requires a compatible Fiber Driver network management module. Contact MRV customer support for more compatibility details and upgrade or downgrade information.

MRV has more than 50 offices throughout the world. Addresses, phone numbers, and fax numbers are listed at www.mrv.com. Please e-mail us at sales@mrv.com or call us for assistance.

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