



## TFC-1600 SNMP Management Module

TFC-1600MM (C1.0R)

- Provides SNMP reporting and supports port based management
- Real-time stats show converter speed, link activity, and duplex status
- Command line interface via the console port or telnet
- Web-based management via the gigabit port
- Supports SNMP v1 / v2c / v3
- Reports cooling fan and power supply status

The TFC1600MM module supports the management of media converters and power supplies installed in the TFC-1600 fiber chassis. This module provides instant access to cooling fan and power supply status, and allows the user to configure and monitor the state of the chassis by means of a workstation with support for SNMP, or from a PC via web browser.



## SNMP

Supports SNMP v1, v2c, v3 agent management with MIB-2 and enterprise MIBs, SNMPv2-SMI MIB, INET-ADDRESS MIB, IF MIB, SNMP-FRAMEWORK MIB, SNMPv2-TC MIB.



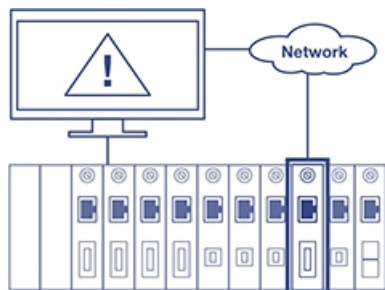
## Real-Time Monitoring

Real-time monitoring of link, speed, and duplex status of media converters.



## LED Indicators

LEDs convey power on / off, power fail, fan fail, MGM, console, and link / activity.



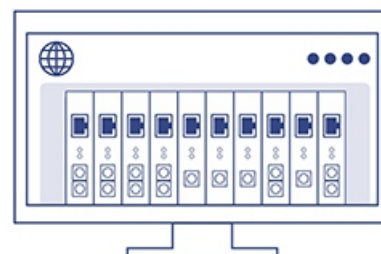
## Event Notifications

Be notified when an event notification is raised and correct error conditions in a timely manner to maintain network uptime. Supports cold / warm start, link up / down, authentication failure, power supply on / off, connected / disconnected, module connected / disconnected, and unknown failure .



## Configuration

Configure settings such as link loss carry forward / link loss return, module name, reset module, download software via HTTP, IP address / subnet mask / default gateway, and redundant backup.



## Real-time Monitoring

Real-time monitoring provides the latest statistics on link status, slot occupied, revision, converter type, and part number.

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab

### Device Interface

- Line card interface for TRENDnet TFC-1600 slot only
- 1 x Gigabit port
- 1 x RJ-45 console port (Command Line Interface)
- LED indicators

### Data Transfer Rate

- Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex)
- Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)
- Gigabit Ethernet: 2000 Mbps (full duplex)

### Performance

- RAM buffer: 512 KB
- HOL Blocking Prevention

### Management

- HTTP Web based GUI
- CLI (Console / Telnet)
- SNMP v1, v2c, v3
- Supports IP, TFTP, ICMP, TCP / UDP, ARP, and HTTP protocols

### Chassis Monitoring

- Part Number

- Description
- Power Status
- Revision
- Chassis Reset

### Converter Module Monitoring

- Link Status
- Slot Occupied
- Revision
- Converter Type
- Part Number

### SNMP Controls

- Link Loss Carry Forward / Link Loss Return
- Module Name
- Reset Module
- Download software via HTTP
- IP Address / Subnet Mask / Default Gateway
- Redundant Backup
- Telnet to console commands

### Event Notification

- Cold / Warm Start
- Link Up / down
- Authentication Failure
- Power Supply On / Off, Connected / Disconnected
- Module Connected / Disconnected, Unknown, Failure

### MIB

- MIB II
- SNMPv2-SMI MIB

- ENTERPRISE MIBs
- INET-ADDRESS MIB RFC
- IF MIB
- SNMP-FRAMEWORK MIB
- SNMPv2-TC MIB

### MTBF

- 2,709,617 hours

### Operating Temperature

- 0 – 40 °C (32 - 104 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 128 x 35 x 88 mm (5.04 x 1.38 x 3.46 in.)
- 2U height (for TRENDnet TFC-1600 chassis slot only)

### Weight

- 108 g (3.8 oz)

### Certifications

- CE
- FCC

### Warranty

- 1 year limited

### Package Contents

- TFC-1600MM
- CD-ROM (MIB & User's Guide)
- RJ-45 to RS-232 console cable (100 mm / 3.94 in.)

