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
- Lifetime Warranty

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.

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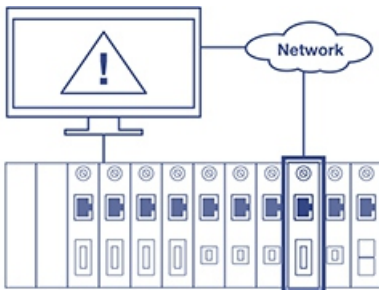
Real-Time Monitoring
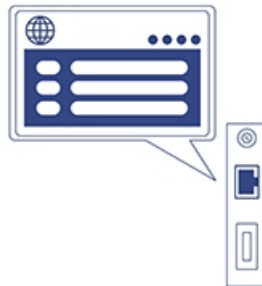Real-time monitoring of link, speed, and duplex status of media converters.

LED Indicators
LEDs convey power on / off, power fail, fan fail, MGM, console, and link / activity.
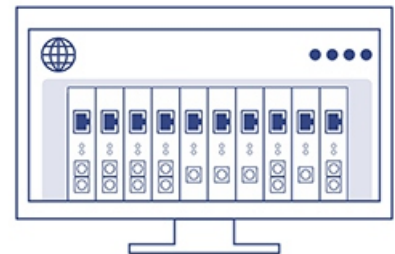
Event Notifications
Be notified when an event notification is raised and correct error conditions in a timely manner to maintain network uptime. Supports cold / warm start, link up / down, authentication failure, power supply on / off, connected / disconnected, module connected / disconnected, and unknown 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.

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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
- Lifetime Warranty

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

TRENDnet offers a limited lifetime warranty on selected fiber networking products that have been purchased in the United States/Canada on or after 1/1/2019.