Managed Family
Managed 16-Slot Media Converter Center

FRM301

The FRM301 is a 3U, 19(23)" fiber media platform rack that features 16 cards capacity. Supported cards include Ethernet copper to fiber converters for 10/100Base-TX or 10/100/1000Base-TX over multimode fiber (up to 2 km), single mode fiber (up to 120 km) or utilizing WDM (up to 60 km). WDM (Wave Division Multiplexing) converts each input-output data stream into separate wavelengths of light and transmits/receives these channels through the same optical fiber. Other FRM301 supported cards include G.703 E1/T1, Datacom (V35, X.21, RS530/ 449/ 232) and Serial (RS485/ 422/ 232) data communication interfaces over fiber media.

Features

- 3U 19" 16-slot Chassis with AC/DC power redundancy
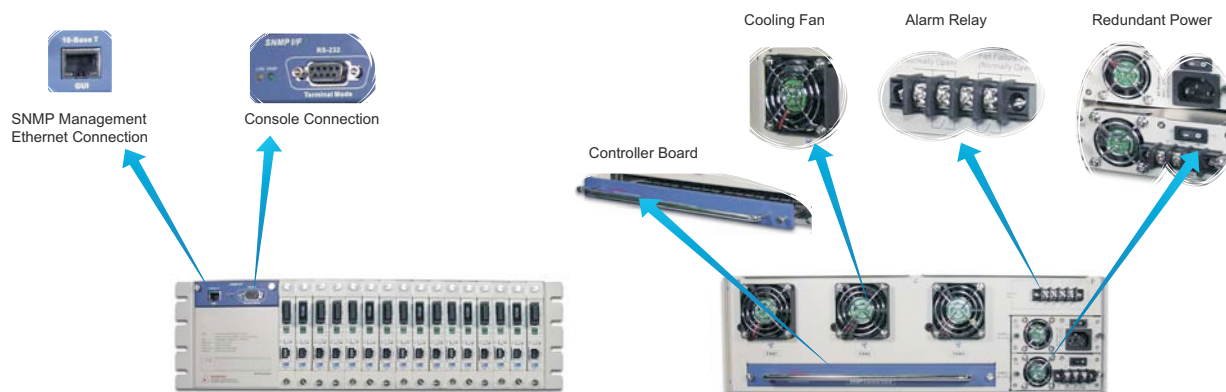- All modules and cards support hot-swapping
- Two alarm relays

SNMP Card

- Supports local / remote monitor
- Supports local configuration.
- Supports online TFTP f/w upgrade
- Supports multiple accesses for SNMP management
- Supports Windows® GUI management, Telnet, Serial console
- Supports console RS-232 port and 10/100Base-T Ethernet port
- Supports SNMP standard MIB II and proprietary MIB

Specifications

Temperature:	0 - 50° C (Operating);
	0 - 70° C (Storage).
Humidity:	20-80% non-condensing (Operating);
	10-90% (Storage).
Power: Input:	1+1 Redundancy mode, Hot-swappable
AC Power Module	Input:Universal, 100~240VAC; Freq.: 47~63 Hz
	Power Consumption : 150W
DC Power Module	Input : 36~72 VDC
	Input : 18~-36VDC (option)
	Power Consumption : 150W
Fan:	Removable type for ease maintenance
Dimensions:	440mm x 280mm x 130.6mm (L x W x H).
Weight:	6.2Kg (include 1 AC power modules &
	two ear panels for rack-mounting)
Compliance:	FCC part 15, Subpart B, Class A,
	ANSI C63.4:2003
	CE EN55022:2006, Class A
	EN55024:1998+A1:2001+A2:2003
	LVD: EN 60 950-1:2001
MTBF:	65,000 h (25° C)

Overview

SNMP Management Ethernet Connection

Console Connection

Controller Board

Cooling Fan

Alarm Relay

Redundant Power

Ordering Information

FRM301 Chassis

- FRM301-CH   3U, 19 (23)", 16-slot chassis

Power

- FRM301-AC   AC (90 ~ 264 VAC) power supply module, IEC connector
- FRM301-DC24   DC (-18 ~ -56 VDC) power supply module, 3-pin terminal block
- FRM301-DC48   DC (-36 ~ -72 VDC) power supply module, 3-pin terminal block

Network management

- FRM301-SNMP/C   SNMP card with RS-232 and Ethernet 10/100Base-T
- FRM-SNMP-GUI   GUI (Graphical User Interface) management software