

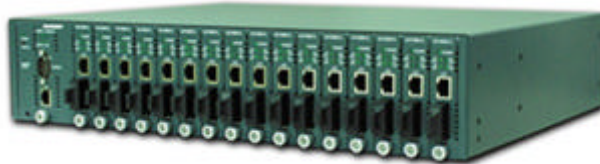


Chassis	MCRM-18AR	MCRM18-DR	MCRM-18A	MCRM-18D	MCR-18A	MCR-18D
Fits 19" rack	Yes	Yes	Yes	Yes	Yes	Yes
Module Slots	19	19	19	19	19	19
Mgmt. Support	Yes	Yes	Yes	Yes	No	No
Status Module	Installed	Installed	Installed	Installed	Installed	Installed
Mgmt. Module	Installed	Installed	Installed	Installed	N/A	N/A
MC slots	16	16	16	16	18	18
Power Input	VAC	VDC	VAC	VDC	VAC	VDC
Input Range	100-240V	-48V	100-240V	-48V	100-240V	-48V
Power Modules	2	2	1	1	1	1
Power rating	150W	130W	150W	130W	150W	130W
Cooling	Fan	Fan	Fan	Fan	Fan	Fan
Chassis Wt.	20lbs (8.8kg)	17lbs (7.7kg)	18lbs (7.7kg)	16lbs (7.1kg)	18lbs (8.2kg)	17lbs (7.7kg)
Dimension	3.5 x 17.5 x 13in (HxWxL) / 88 x 443 x 328mm					
Operating Temp.	-10 ~ 50°C		Storage Temp. -20 ~ 70°C		Humidity 10 ~ 90%RH	
Slide-In Modules						
Standard	10/100Mbps Modules – IEEE 802.3 10BaseT; 802.3u 100BaseTX/FX-FX; 802.3x flow control 1000Mbps Modules – IEEE 802.3ab 1000BaseT; 802.3z 1000BaseSX/LX					
TP Port	Shielded RJ45					
FX Port	SC connector					
Cables	TP Port: Cat. 5 UTP 100meters on 100BaseTX			Cat. 3, 4, 5 UTP 100meters on 10BaseT		
	FX Port: Multimode, 62.5/125µm			Single Mode, 9/125µm		
RAM Buffer	1Mbit					
LEDs	Power, TP link/Act., FX link, TP speed and duplex status					
Environment	Operating Temperature: -10 to 50°C			Storage Temperature: -20 to +75°C		

Module	Link Budget	Data Rate	Connector	Mode	Wavelength	Distance
M7174	13.5 ±1 dB	10/100Mbps	SC	MM*1	850nm	2Km
M7175-2	16 ±1 dB	10/100Mbps	SC	SM*2	1310nm	20Km
M7175-4	29 ±1 dB	10/100Mbps	SC	SM	1310nm	40Km
M7175-3SFA	19 ±1 dB	10/100Mbps	SC	SM SF*3	Tx-1310nm / Rx-1550nm	20Km
M7175-3SFB	19 ±1 dB	10/100Mbps	SC	SM SF	Tx-1550nm / Rx-1310nm	20Km
M7154	6 ±1 dB	1000Mbps	SC	MM	850nm	220/500m
M7155	8 ±1 dB	1000Mbps	SC	SM	1310nm	10Km
M7155-4	19.5 ±1 dB	1000Mbps	SC	SM	1310nm	40Km

MM*1 – Multimode
SM*2 – Single Mode
SF*3 – Single Fiber

18-Slot
10/100 Media
Converter Center



VERSITRON, Inc.

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FCC Part 15, Class A
CISPR 22 Class A

Jun2003 18-Slot 10/100/1000
Media Converter Center DS



Chassis

- 19" rack mountable managed modular media converter center
- Accommodates up to 18 autosensing media converter modules
- Slide-in module on rear for AC/DC power modules
- Hot swappable function for converter modules
- Modularized design with media converter modules, SNMP module and two system power modules
- Visible system status
- Supports in-band telnet, SNMP, and web-based management
- Supports out-of-band RS-232 console management
- Management from anywhere and any platform as using a web browser
- Graphic user interface for easy configuration and monitoring of the system
- Supports in-band event SNMP trap report
- Provides TFTP Software for firmware upgrade
- Supports single fiber connectivity when using M7175-3SFA and M7175-3SFB modules

Slide-In Media Converter Modules

- Provide media conversion for TP and fiber optic media types
- 10/100Mbps modules extend network span from 2km (multimode) to 40km (single mode)
- 1000Mbps modules extend network span from 220m (multimode) to 10km (single mode)
- 10/100Mbps, auto-negotiation on TP port
- Support IEEE 802.3 Ethernet frame 64 ~ 1518 bytes and VLAN tagged frame up to 1522 bytes
- Auto MAC address learning and 4,096 MAC address table entries
- Support back-pressure-based flow control on half duplex
- Support pause-frame-based flow control on full duplex
- Store and forward technology.

Management

- Provides telnet, SNMP and web browser software over TCP/IP network
- Supports Ipv4, TCP, UDP, ICMP, SNMP, MIB-II, TFTP, Telnet and HTTP protocols
- Provides telnet operation to:
 - set and display IP parameters for the system, SNMP parameters for the SNMP agent function
 - monitor system fan status and other system information
 - monitor installation status of each slot
 - monitor configuration and link status of each module installed
 - restore default settings for the system
 - change administrator password for access control
 - update system software
- Provides Self-test function each time power is first applied
- Provides IP and SNMP menu for setting system information as requested
- Provides status information of power, fan, CPU and Slots
- Provides update firmware for supported software through TFTP protocol
- Performs graphical user interface as running SNMP management
- Provides standard MIB-II (RFC1213) and private MIB
- SNMP traps are supported by system generated events
- Provides an HTTP server from any web browser over internet or intranet



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