



FMC-1800

1U Managed GbE Media Converter Rack
18x 100/1000Base-T to 18x 100/1000Base-X SFP

Ver. Mar. 2023

The 18-channel managed Gigabit Ethernet Media Converter Rack, FMC-1800 converts Ethernet copper 100/1000Base-TX to SFPs working at 100Mbps or 1000Mbps. FMC-1800 can connect to any RJ-45 Ethernet switch and supports any third-party standard SFP module from any SFP vendor. With different kinds of fiber optic media, both multi-mode and single mode fiber are available as well as BiDi which allows bi-directional transmissions using only a single fiber to extend the distance of Fast Ethernet and Gigabit Ethernet networks. With SNMP and Web-based management, the administrator can monitor, configure and control the activity of FMC-1800 remotely.

Features

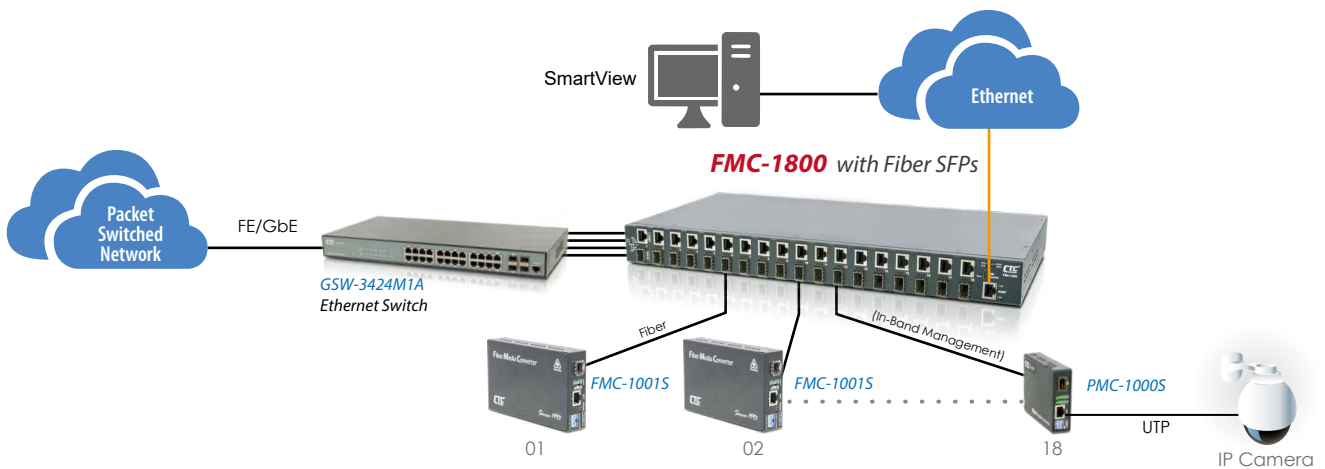
- 1U 19" 18 channels Managed Media Converter Rack
- 18-port 100/1000Base-T to 18-port 100/1000Base-X SFP
- Auto MDI/MDIX in TP port
- Auto-Negotiation in TP port
- Supports hot-swappable SFPs working at 100 Mbps or 1000 Mbps
- Supports Web, Telnet, SNMP, Console Management
- Local configuration via USB console port
- Supports Link Pass-Through & Link loss Alarm
- Supports any third-party standard SFP module
- Supports SFP DDMI
- Layer 2 wire-speed conversion with fully transparent function
- Available in 3 types : power built-in AC, DC, AC+DC
- Jumbo frame packets up 16k bytes

Specifications

Optical Interface	Connector	SFP LC
	Number of ports	18
	Data rate	100/1000Mbps
	Duplex	Full duplex
	Fiber	MM 50/125um, 62.5/125um, SM 9/125um
	Distance	MM 2km, SM 15/30/50/80/120km WDM 20/40/60/80km
	Wavelength	850nm, 1310nm, 1550nm, CWDM 1271~1611nm
	Console port	USB Type C™
	Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
	Indications	Power, SYS, Alarm, FX-Link/Act, TX-Link/Act, LFPT

Electrical Interface	Connector	RJ45
	Number of ports	18
	Data rate	10/100/1000Mbps
	Duplex	Half/Full duplex
	Cable	10Base-T Cat. 3,4,5 UTP 100/1000Base-T Cat 5, 5e or higher
Management	Console, Web, Telnet, SNMP	
Power	100 ~ 240VAC, 36 ~ 60VDC	
Power Consumption	<60W	
Dimensions	440 x 250 x 43.5mm (WxDxH)	
Weight	TBD	
Humidity	5% ~ 90% (non-condensing)	
Operating Temperature	Operating 0 ~ 50°C , Storage -10 ~ 70°C	
Certification	FCC, CE	
MTBF	>65000hrs	

Application



Ordering Information

Model Name	Description
FMC-1800-AC,DC,AD	18ch, 1U 19" GbE media Converter Rack, built-in AC, DC, AD power