

NEW



FRM220-10GCM

100M/1G/10GBase-T + 2 × 10GBase-R SFP+
In-Band Managed Media Converter

The IEEE 802.3ah OAM compliant 10G managed media converter, FRM220-10GCM, is an 2-port 10GBase-R + 1-port 100M/1G/10GBase-T Ethernet 10G Managed media converter. With embedded SNMP and Web-based management, the network administrator can monitor, configure and control the activity of each IEEE 802.3ah series card and remotely connected OAM compliant media converter.

This media converter supports duplex and speed configuration, Spanning tree, jumbo frames allocation of 10G Gigabit interfaces. By offering additional function, this media converter also provides 1x 100M/1G/10GBase-T RJ45 port allowing 100M/1G/10G based devices to connect to 10G Ethernet fiber backbone. This card may also be controlled and monitored via an NMC in a FRM220 managed chassis.

// Features

- 2-port 10G Base-R SFP+ with 1-port 100M/1G/2.5G/5G/10GBase-T RJ45
- Supports local / remote IEEE 802.3ah OAM/IP In-band management
- Standalone IP Based, Web GUI, Telnet, SNMP management
- Auto-Negotiation / Auto MDI/MDIX
- Forward 10K bytes Jumbo packets (max.)
- Supports Flow control (Pause)
- Supports OAM remote loopback test
- Supports Far End Fault Indication (FEFI)
- Supports Link Fault Pass-Through (LFPT)
- Supports RMON counter
- D/D function for supported SFP fiber transceiver
- Auto Laser Shutdown (ALS)
- Online local / remote f/w upgrade
- Fiber Redundant mode

// Specifications

Interface	1-port 100M/1G/2.5/5G/10Gbps RJ45 + 2-port 10Gbps SFP+ with USB console port
Filter & Forward Rate	14880pps at 10Mbps, 148800pps at 100Mbps, 1488000pps at 1Gbps, 14880000pps at 10Gbps
Transmission Method	Store and Forward
Standard	IEEE 802.3 IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s
Packet Buffer	2M bits
MAC Table Size	16K
Max. Packet Size	10K Bytes
Port Trunking	IEEE 802.3ad LACP
Storm Control	Unknown unicast/Broadcast/Multicast storm suppression
Management	Web/Telnet /SNMP, HTTP, IPv6 management,
SNMP Agent	SNMP v1/v2c/ RMON
Software Upgrade	TFTP/HTTP, console
Ethernet OAM	IEEE 802.3ah
LED Display	Power, System, Link, Speed/Act, Test
Power Input	12VDC
Power Consumption	< 8W
Operating Temperature	0 ~ 50°C
Storage Temperature	-10 ~ 70°C
Humidity	5% ~ 90% (non-condensing)
Dimensions	159.5 × 20.8 × 88mm (D×W×H)
Regulatory	FCC, CE

// Ordering Information

Model Name	Description
FRM220-10GCM	1 × 100M/1G/10GBase-T RJ45 + 2 × 10GBase-R SFP+ In-Band Managed Media Converter