

NEW



FRM220-10GC-TX

10G Ethernet Media Converter with DIP switch
10G Base-T to 10G Base-R XFP

The FRM220-10GC-TX is a copper to fiber 10G Ethernet media converter based on IEEE802.3an and IEEE802.3ae. With SNMP and Web-based management in the FRM220, the Network administrator can monitor, configure and control the activity of each card in the chassis. This converter uses Cat.6a/Cat 7 twisted pair cable as copper transmission media with RJ-45 and 10G optical solution with XFP LC connector. The data stream can be converted bi-directionally from 10G Base-T to 10G Base-R and vice versa. With full duplex wire speed forwarding capability between these two media, the FRM220-10GC-TX brings you the best and simplest solution for the 10G Ethernet conversion between copper wire and fiber.

Features

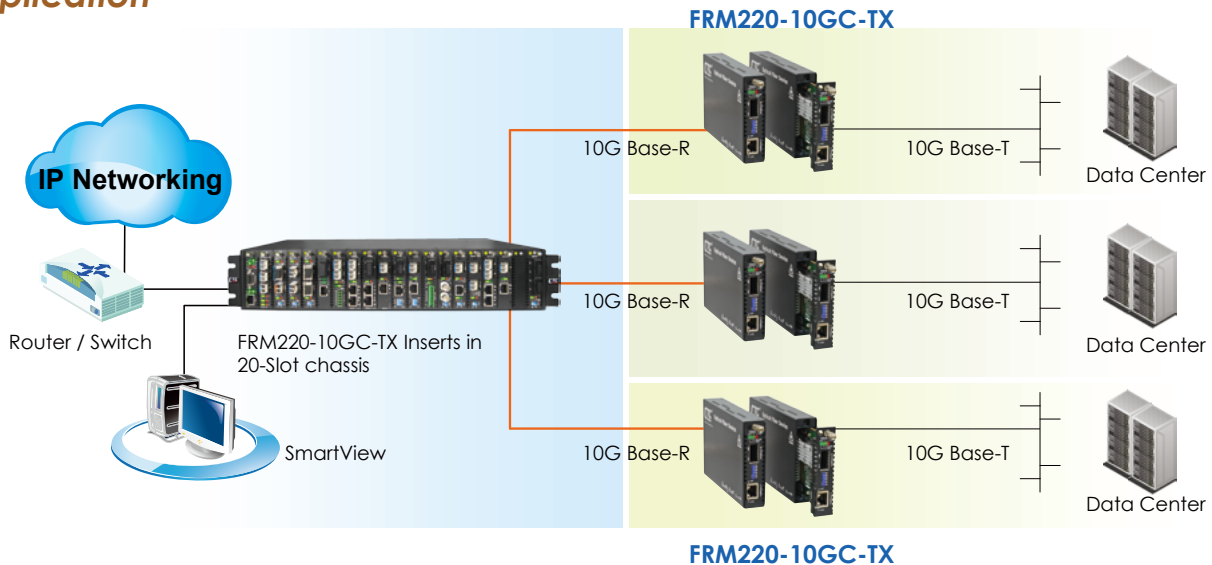
- Network Management via FRM220 Chassis
- Complies with IEEE802.3an 10GBase-T and IEEE802.3ae 10GBase-R
- Real-Time conversion between 10GBase-T and 10GBase-R
- Common used XFP fiber interface and RJ45 connector
- Full duplex wire speed forwarding
- Forwarding 18k bytes jumbo packet
- Built-in diagnostic function enable via Dip switches
- Loopback Test
- Link Fault Pass Through
- Fiber Fault Alert
- IEEE 802.1q VLAN pass through

Specifications

Optical Interface	Connector	XFP LC
	Data rate	10.3125Gbps
	Distance	300m, 10km, 40km, 80km
	Wavelength	1550nm, 1310nm, 850nm, WDM
Electrical Interface	Connector	RJ45
	Data rate	10Gbps
	Cable type	Cat.6a, 7
	Distance	95 meters (Cat.7)
Management	Console port	RS-232 via CH01M, DIP Switch with CH01
	Standards	IEEE 802.3an, IEEE 802.3ae

LEDs	XFP, LR, Link/Act, LBK A/B, SYS
Power	12VDC
Power Consumption	< 12W
Dimensions	155 x 88 x 23mm (D x W x H)
Weight	130g
Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
Humidity	0 ~ 85% non-condensing
Certification	CE, FCC, RoHS compliant
MTBF	57,000 hrs

Application



Ordering Information

Model Name	Description
FRM220-10GC-TX	10G Base-T RJ45 to 10G Base-R XFP, with DIP switch (optional XFP)