



iAccess™ Ethernet Aggregation Platform

IP Based Ethernet Aggregation Platform-FRM220A-CH20

The FRM220A series is a IP based Ethernet aggregation platform, which incorporates a 24+4 port L2 Gigabit Ethernet switch (FRM220A-GSW/SNMP-1G) or a new 20+4 port L2 Gigabit Ethernet switch with 4x10Gigabit uplink (FRM220A-GSW/SNMP-10G). The FRM220A has a built-in Gigabit Ethernet backplane to interconnect the Ethernet access with the FRM220-GSW/SNMP card. The L2 switch card supports many advanced Layer 2 switch technologies including port and tag based VLAN, QoS, LACP, RSTP to name just a few. The FRM220A chassis solution significantly lowers the OPEX for operator and service provider when deploying fiber access networks.

Specifications

Physical Specifications	Dimensions	303 x 438 x 88 mm (D x W x H)	Temperatures	Operating	0~60°C	
	Weight (w/o Power)	5.2kg		Storage	-10~70°C	
Power	AC	18~240VAC	Humidity	5%~90% non-condensing		
	DC24	18~36VDC		MTBF	65,000 hrs	
	DC48	36~72VDC			Certification	FCC Class A, VCCI Class A, CE, RoHS compliant

FRM220A Module Cards

Ethernet Switch



FRM220A-1000EAS/X

2x 10/100/1000Base-T + 2x 1000Base-X OAM/IP
Managed Switch (refer to page 3-29)

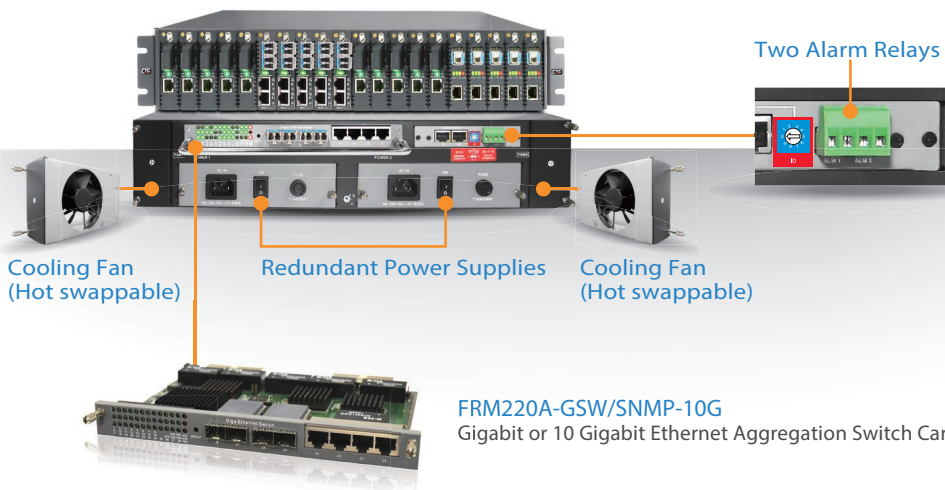
Ethernet Demarcation Device (EDD)



FRM220-MSW202

2x 10/100/1000Base-T + 2x 100/1000Base-X L2+ Gigabit Carrier
Ethernet Switch (EDD)

Chassis Overview

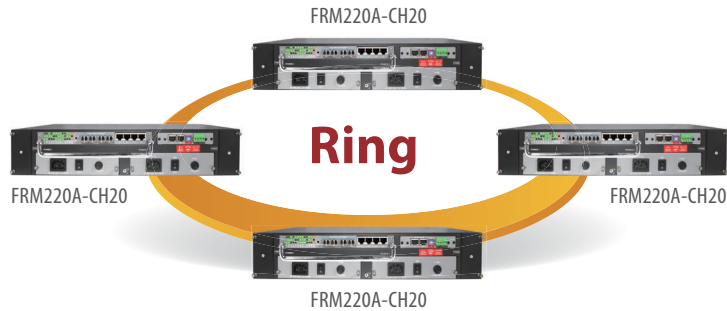


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iAccess Ethernet Aggregation Platform FRM220A Series

Benefit of FRM220A Chassis Platform

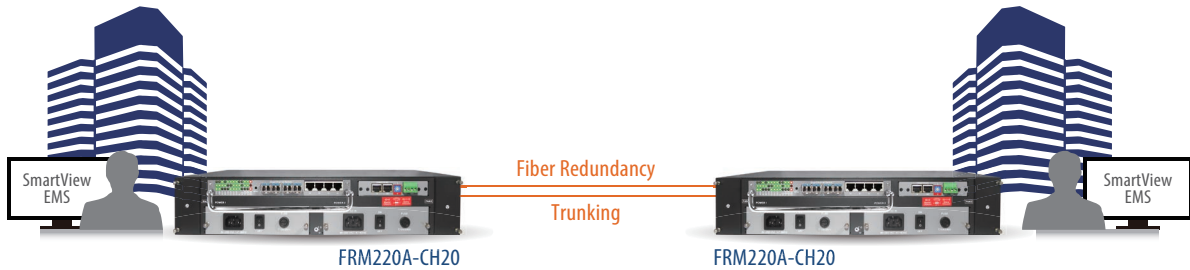
■ Enabling IP Transportation Protection Mechanism - STP/RSTP Featured Ring Protection

- Standard based but advanced fault protection systems
- Rapidly recovery path from failed connection (1-2 seconds min. recovery time)

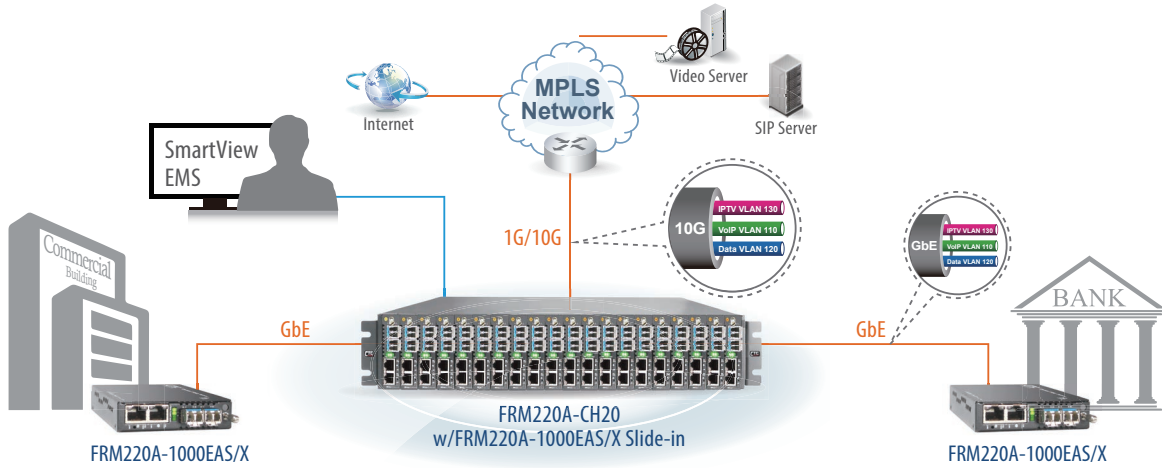


■ LACP Enabled Traffic Aggregation - Fiber Redundant / Trunking Application

- Dynamic port aggregation or trunking to increase bandwidth between LACP peer devices
- Redundant paths to reduce network fault risk



■ Enabling VLAN & QoS Prioritized Multiple Play Services



■ Secured Access Control Enhancement - Centralized Management of Accessing the Network for user or device

