

## ► OAM/IP GbE Managed Switch Cards - FRM220A-2000 Series

- ◀ **FRM220A-2000EAS/4F**  
4x 100/1000Base-X SFP
- **FRM220A-2000EAS/2**  
2x 10/100/1000Base-T + 2x 100/1000Base-X SFP
- ▶ **FRM220A-2000EAS/1**  
10/100/1000Base-T + 100/1000Base-X SFP

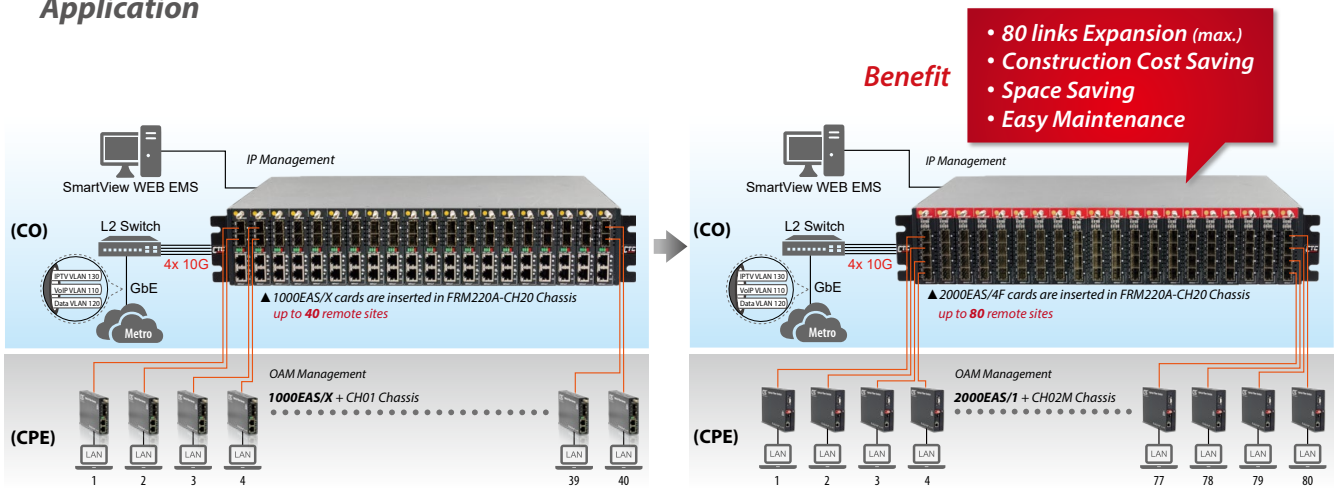
NEW



### Features

- Standalone IP Based, Web GUI, SSH, SNMP v3 management
- Supports RMON counter
- Supports dying gasp
- D/D function for supported SFP fiber transceiver
- Supports Cisco® like CLI
- Online local / remote f/w upgrade
- Supports local / remote IEEE 802.3ah OAM / IP management
- Auto Laser Shutdown (ALS)
- Supports IPv6 Management

### Application



The FRM220A-2000EAS/4F features 4xSFP ports which uplink through a 1GbE trunk to the chassis integrated trunk card. With twenty cards in the chassis, up to 80 remote sites may be deployed with in-band remote management for each central chassis. This will double up the number of clients served in 2RU rack space, while reducing the per port costs over the previous FRM220A-1000EAS/X card.

## ► Ethernet Aggregation Switch Platform – FRM220A-CH20 Chassis

The FRM220A series is an Ethernet based aggregation platform, which incorporates a 24+4 port L2 Gigabit Ethernet switch (FRM220AGSW/SNMP(n)) 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.

(Front Side)



2U 19" 20-slot Rackmount Chassis

(Rear Side)



Cooling Fan, Redundant Power, Cooling Fan, 10G/1G Ethernet Aggregation Switch Card

### 10G/1G uplink Ethernet Aggregation Switch Card

The FRM220A chassis incorporates an Ethernet trunk card (FRM220A-GSW/SNMP-10G), with four (4) uplink ports of either 1G/10G SFP+, and with GbE interfaces to connect each slot to the backplane. The FRM220A-GSW/SNMP-10G Ethernet switch trunk card transmits Ethernet between the subscriber equipment (bridge/modem or network interface card) and provides management interfaces of HTTP/SSH/SNMP over Ethernet.

#### ■ FRM220A-GSW/SNMP-10G & FRM220A-GSW/SNMP(n)

**10G** & 1G uplink Ethernet Aggregation Switch Card with In-Band Management

