

Dual Rate SFP Fiber Slot

IEEE 802.3ah OAM/IP in-band Management



OAM/IP Managed Switch FRM220A-1000EAS/X

CTC Union unveiled new managed switch module called – FRM220A-1000EAS/X, which supports IEEE 802.3ah OAM/IP management. It equips 2 ports 10/100/1000Base-T RJ45 and 2 100/1000Base-X SFP slots and can be slide into CTC union's FRM220/FRM220A-CH20(20-Slot) or FRM220-CH08(8-Slot) chassis as central site equipment or standalone chassis as CPE device. When FRM220A-1000EAS/X is slide in the FRM220 series chassis, it can be treated as high ports density CO equipment and suitable for FTTH active Ethernet based service deployment to provision the triple play application.

Key Features and Benefits

Dual rate SFP fiber slot

The FRM220A-1000EAS/X switch module supports 100M/1000Mbps dual rate SFP slot to make service providers or operators keep flexibility and scalability for the service deployment. The data throughput can be upgraded from 100Mbps to 1000Mbps by swapping fiber transceiver instead of replacing the CO equipment to save the CAPEX.

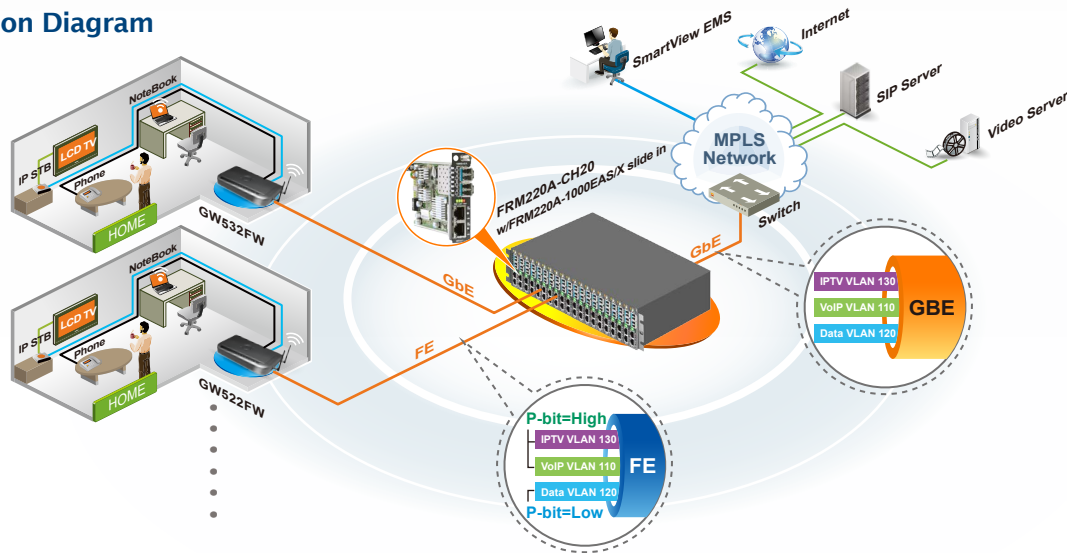
IEEE 802.3ah OAM/IP in-band management

Enabling OAM/IP in-band management, the network administrator can locally monitor and configure the local/remote device as well as control all module cards by using IEEE 802.3ah OAM features set to reduce truck rolls and save the OPEX for service providers and operators.

Fiber redundancy & Port trunking

By enabling IEEE 802.3ad LACP, the service providers or operators can build up the reliable fiber link upon the customer requirements to enable bandwidth aggregation for critical truck connection and redundant paths to reduce network fault risk.

Application Diagram



Related Products

GW532FW Gigabit Ethernet Fiber IAD Gateway with WiFi

GW522FW Fast Ethernet Fiber IAD Gateway with WiFi

- 100/1000M SFP fiber and 10/100/1000M copper combo WAN port (GW532FW)
- 10/100/1000M RJ45*4 for LAN and FXS RJ-11*2 (GW532FW)
- 100M SFP fiber and 10/100M copper combo WAN port (GW522FW)
- 10/100M RJ45*4 for LAN and FXS RJ-11*2 (GW522FW)
- Support Multi-WAN ports function
- Per port based NAT/Bridge mode configuration
- VLAN, Qos, rate limit and IGMP proxy/snooping v1/v2
- Voice codec: G.711 a/u-law, G.722, G.723.1, G.726, G.729 A/B



FTH4-1004MS OAM/IP Managed Giga Ethernet Media Switch

FTH4-1000MS OAM/IP Managed Giga Ethernet Media Converter

- 1 or 4 Ports 10/100/1000Base-T to 10/100/1000Base-X
- Ingress/Egress Bandwidth control
- Supports 802.3ah OAM/IP in-band management
- Supports 802.1Q Tag VLAN
- Supports IGMP snooping V1/V2 (FTH4-1004MS)
- Built-in fiber cable tray



• The specification and pictures are subject to change without notice.