



FMC-1000MS

10/100/1000Base-T to 100/1000Base-X SFP Web Smart OAM Managed Converter

The FMC-1000MS family are Gigabit Ethernet 10/100/1000Base-T to 100/1000Base-X Web Smart OAM/IP managed fiber media converters, which provide simple control and setting function on each Ethernet port through out of band network via a Web browser. The FMC-1000MS media converters give you the fiber cabling connector, SFP-LC Both multi-mode and single mode converter models are available as well as BiDi which allows bi-directional transmissions using only a single fiber cable. Auto-negotiation will automatically tailor to convert both half-duplex and full-duplex signals, according to IEEE802.3u standards. LED indicators signal the power status of the converter, UTP port speed, Link, and duplex status, FX port Link and duplex status.

Feature

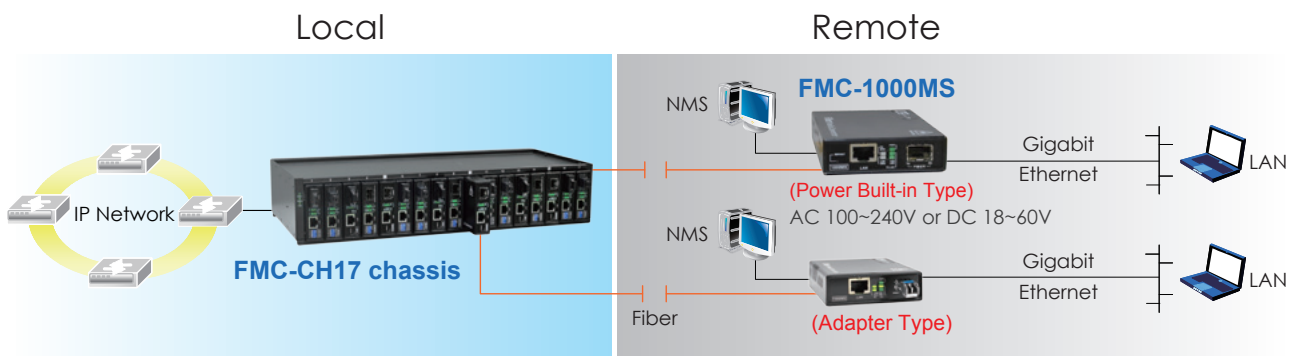
- 10/100/1000Base-T to 100/1000Base-X Converter
- Auto-Cross over for MDI/MDIX in TP port
- Auto-Negotiation or Manual mode in TP port
- Supports flow control Enable or Disable
- Supports Jumbo Frame 9K Packet
- Ingress/Egress Bandwidth control
- Supports IEEE802.3ah OAM management
- Firmware upgrade via Web
- Digital Diagnostic (DOM) SFP Support
- Management Password Setting
- Dying gasp (remote power failure detection)
- Supports Link Fault Pass-Through (LFPT) Function
- Supports Auto Laser Shutdown (ALS) Function
- Web management on stand-alone.
- Supports D/D function for SFP fiber transceiver
- Supports On-Line F/W upgrade (local) by the Web manager
- Supports 16 Tag VLAN Group
- RMON counters

Specifications

| | | |
|-----------------------------|-------------|---|
| Optical Interface | Connector | SFP LC |
| | Data rate | 125/1250Mbps |
| | Duplex mode | Full duplex |
| | Fiber | MM 50/125µm, 62.5/125µm SM 9/125µm |
| | Distance | MM 2km, SM 15/30km WDM 20/40km |
| Wavelength | MM | 1310nm, SM 1310,1550nm |
| | WDM | 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B) |
| Electrical Interface | Connector | RJ-45 |
| | Data rate | 10Mbps, 100Mbps, 1000Mbps |
| | Duplex mode | Half / Full duplex |
| | Cable | 10Base-T Cat.3, 4, 5, UTP 100Base-TX Cat.5, 5e or higher |

| | |
|-------------------------------|--|
| Standards | IEEE 802.3, IEEE 802.3u IEEE 802.3ab, 802.3z |
| Indications | LED (Power, FX-Link, LAN Speed, LAN Link) |
| Power Input | Adapter Type: DC 12V |
| | Power Built-in Type : AC 100 ~ 240V Power Built-in Type : DC 18 ~ 60V |
| Power Consumption | < 3W |
| Dimensions (D x W x H) | Adapter Type : 108 x 23 x 73.4mm |
| | Power Built-in Type : 135 x 23 x 73.4mm |
| Weight | Adapter Type : 120g |
| | Power Built-in Type : 140g |
| Temperature | 0 ~ 50°C (Operating), -10 ~ 70°C (Storage) |
| Humidity | 10 ~ 90% non-condensing |
| Certification | CE, FCC |
| MTBF | 65,000 hrs |

Application



Ordering Information

| Model Name | Description |
|------------------|---|
| FMC-1000MS | 10/100/1000Base-T to 100/1000Base-X SFP Web Smart Managed Media Converter (optional SFP module) Adapter Type |
| FMC-1000MS-AC,DC | 10/100/1000Base-T to 100/1000Base-X SFP Web Smart Managed Media Converter (optional SFP module) with AC or DC Power |

Power Type
FMC - 1000MS - □□
 Example: FMC - 1000MS - DC