

Model1200M Series

2-port 10/100M Managed Ethernet Media Converter

Features

1. Support Tag-VLAN, Port-VLAN(VLAN File 12 bits, and VLAN IDs 4096)
2. Support 10/100Base TX to 100Base FX, can be connected to relational networking equipments
3. With 128Kb RAM
4. Support Automatic Switch between parallel lines and crossed lines
5. With LED Lamps function (link/activity,10/100M,power)
6. Support select working-mode via Hyper terminal
7. The transmission distance can up to 120Km.



Introduction

The Media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1q Standards. It is designed to convert data signal between 10/100 Base-TX and 100Base-FX fast Ethernet. It supports 10/100Base-TX and 100Base-FX applications. The data signal converted by such high performance media converter can be transmitted up to 120Km maximum by fiber-optical cable. The

Converter is equipped one optic port and two RJ45 Jacks and one external power supply receptacle, and provide one console port(RJ45) to configure the VLAN by using the command. Four LED indicators are built-in for easy diagnosing and monitoring the status of. It can be configured automatically for Full Duplex or Half Duplex operation.

Specification

Standards Compliance

- IEEE 802.1Q VLAN(VLAN File 12 bits, and VLAN IDs 4096)
- IEEE 802.3 10Base-T specification
- IEEE 802.3u 100Base-TX specification
- IEEE 802.3x full-duplex flow control specification
- 100Base-FX Fast Ethernet Fiber specification

Network Interface

10 /100Base-TX:

- Connectors: RJ-45
- Auto-Negotiation
- Auto-MDIX
- Transmission: Full/Half-Duplex
- Max. Cable Length: up to 100m

100Base-FX (Multi mode):

- Connectors: SC / ST / LC
- Transmission: Full/Half-Duplex
- Max. Cable Length: 2Km for 62.5/125mm
- Wavelength: 1310nm

100Base-FX (Single mode):

- Connectors: SC / Bidi-SC / Bidi-SFF
- Transmission: Full/Half-Duplex
- Max. Cable Length: 100Km for 9/125µm
- Wavelength: 1310nm or 1550nm

Emission and Safety Regulations

Complies with FCC Part 15 Class A & CE Mark Approval

Warranty:

- 5 Years Hardware
- 90-day Software

Power supply, Environment, Dimension

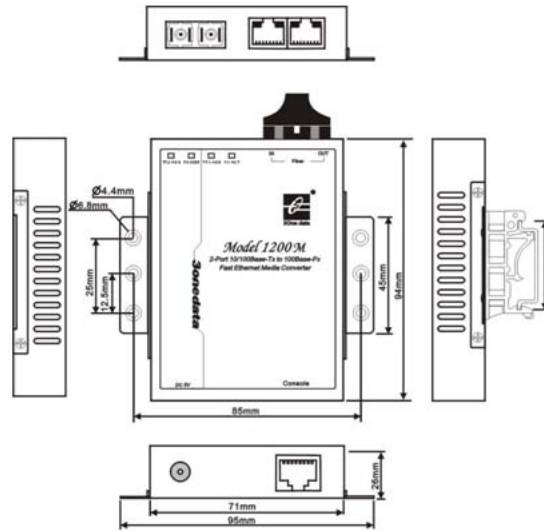
- Power Requirement: 0.8A @+5VDC
- Power Consumption: 4W
- Ambient Temperature: 0° to 50°C
- Humidity: 5% to 90%
- L×W×H: 94.0mm×70.6mm×26.0mm(Power External)



Packing List

1. Model1200M series Ethernet Media Converter×1
2. 5VDC power adapter ×1(Media converter/5VDC, power external)
3. User manual ×1

Dimension



Ordering Information

| Model NO. | Description |
|------------------------|---|
| Model1200M | multi-mode, 2Km,5VDC, SC, FC or ST, optional |
| Model1200MS/20 | single-mode, 20Km,5VDC, SC, FC or ST, optional |
| Model1200MS/40 | single-mode, 40Km, 5VDC, SC, FC or ST, optional |
| Model1200MS/60 | single-mode, 60Km, 5VDC, SC, FC or ST, optional |
| Model1200MS/80 | single-mode, 80Km, 5VDC, SC, FC or ST, optional |
| Model1200MS/100 | single-mode, 100Km,5VDC, SC, FC or ST, optional |
| Model1200MS/120 | single-mode, 120Km, 5VDC, SC, FC or ST, optional |
| Model1200MSS/20 | single-mode, single fiber, 20Km, 5VDC, SC, FC or ST, optional |
| Model1200MSS/40 | single-mode, single fiber, 40Km, 5VDC, SC, FC or ST, optional |
| Model1200MSS/60 | single-mode, single fiber, 60Km, 5VDC, SC, FC or ST, optional |
| Model1200MSS/80 | single-mode, single fiber, 80Km, 5VDC, SC, FC or ST, optional |