

# Model1200 Series

## 2-port 10/100M Ethernet Media Converter

### Features

1. Accord to IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX
2. MDI/MDI-X auto negotiation, 10M/100M auto negotiation
3. Supports full /half duplex, Point-to-point transparent transfer
4. Power External 5VDC input
5. Plug-and-play, easy to installation
6. Can insert to 2U 19", 14 slots Rackmount(power external)



### Introduction

The Media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x 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. 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: comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX

RJ45 port rate: 10/100Mbps auto negotiation

Optic port rate: 100Mbps

Working: Asynchronous, point to point

Transfer distance: RJ45port: 100m

Fiber optic:20,40,60,80,100,120km(SM),  
2 km(MM) optional

RJ45 port cable: UTP 5E

Fiber connector: SC, ST, FC optional

Fiber optic cables: Single Mode:8.3/125,8.7/125,9/125 or 10/125 um  
Muti-Mode:50/125,62.5/125 um

Wavelength:850nm,1310nm,1550nm

#### Power

Power supply: External 5VDC input

Consumption: 4W

#### Environment

Operating temp:-10°C to 65°C

Storage temperature: -20 to 70°C

Operating humidity: 5% to 95%(no condensation)

#### Appearance

Dimensions: 94.0×71.0×26.0mm(Power External)

Shell: Iron

Color: White

Weight: 230g(power external)

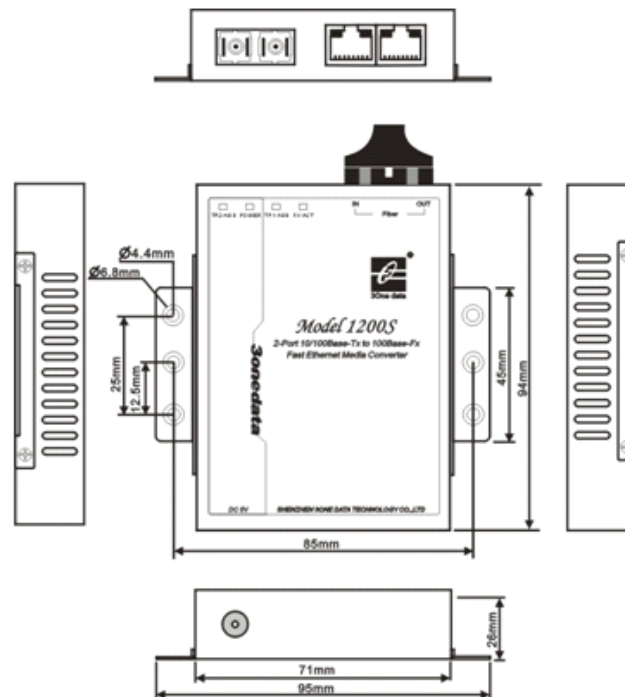
**Warranty: 5 years**

**Approvals: FCC,CE, RoHS approvals**

### Packing List

1. Model1200 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
<b>Model1200-M</b>	multi-mode, 2Km, 5VDC, SC, FC or ST, optional
<b>Model1200-S/20</b>	single-mode, 20Km,5VDC, SC, FC or ST, optional
<b>Model1200-S/40</b>	single-mode, 40Km, 5VDC, SC, FC or ST, optional
<b>Model1200-S/60</b>	single-mode, 60Km, 5VDC, SC, FC or ST, optional
<b>Model1200-S/80</b>	single-mode, 80Km, 5VDC, SC, FC or ST, optional
<b>Model1200-S/100</b>	single-mode, 100Km,5VDC, SC, FC or ST, optional
<b>Model1200-S/120</b>	single-mode, 120Km, 5VDC, SC, FC or ST, optional
<b>Model1200-SS/20</b>	single-mode, single fiber, 20Km, 5VDC, SC, FC or ST, optional
<b>Model1200-SS/40</b>	single-mode, single fiber, 40Km, 5VDC, SC, FC or ST, optional
<b>Model1200-SS/60</b>	single-mode, single fiber, 60Km, 5VDC, SC, FC or ST, optional
<b>Model1200-SS/80</b>	single-mode, single fiber, 80Km, 5VDC, SC, FC or ST, optional