

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)

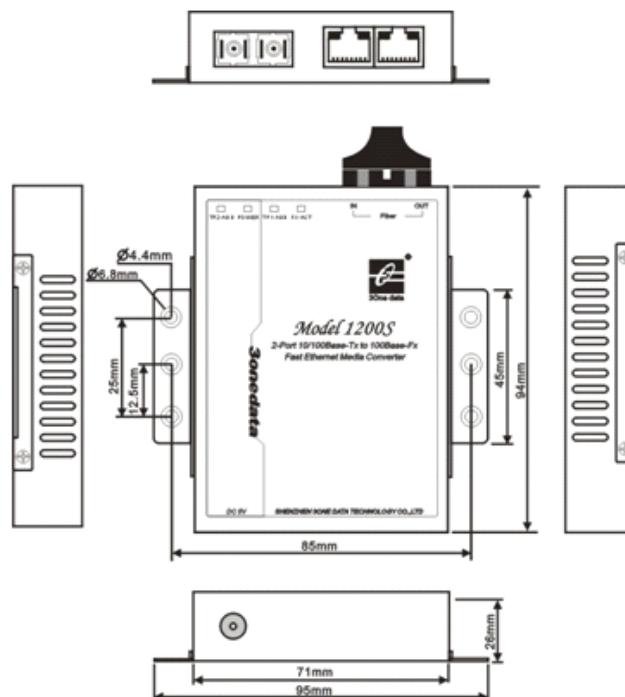
Warranty: 5 years

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

Fiber Optic Connector



FC Connector



SC Connector



ST Connector