

# Model 1100

## 10/100M Ethernet media converter

### Features

- ◇ Accord to IEEE802.3 10Base-T, 100Base-TX, 100Base-FX
- ◇ MDI/MDI-X auto negotiation, 10M/100M auto negotiation
- ◇ Supports full-duplex/half-duplex, Point-to-point transparent transfer
- ◇ Power Internal(12VDC, -48VDC, 220VAC) and External (5VDC), optional



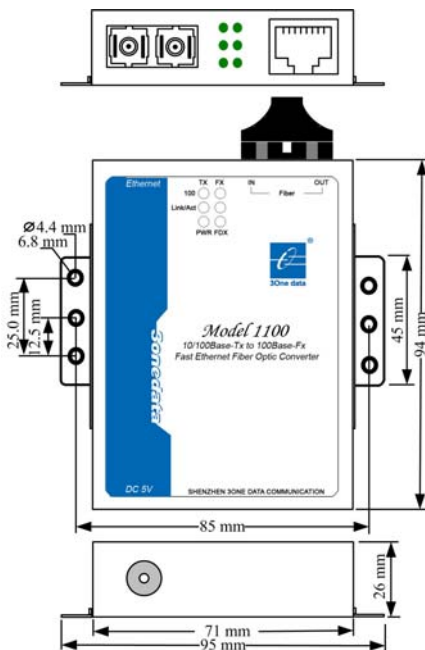
### Introduction

Model1100 provides a cost effective plug-and-play solution for long-range 10Base-T or 100Base-TX Ethernet extensions and added benefit of 10/100 auto-negotiation, making it the perfect choice when planning future upgrades of 10Base-T networks. Model1100 Ethernet Fiber converters are

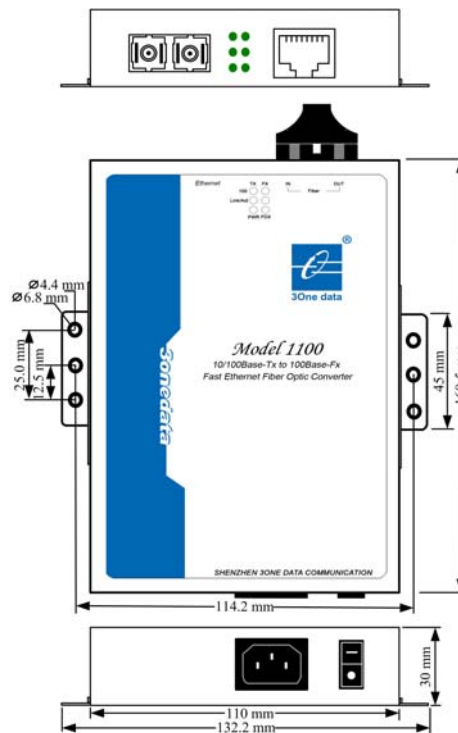
ultra-miniature in size and feature a shielded RJ45 Ethernet jack, SC/ST/FC style fiber-optic connections. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required!

### Installation

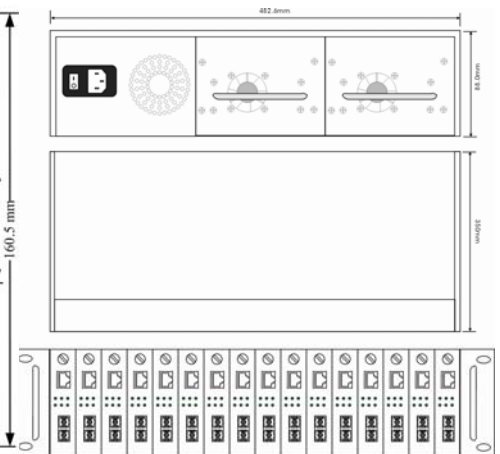
#### Power External



#### Power Internal



#### 2U Rack



## Specifications

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**Standard:** Accord to IEEE802.3 10

Base-T, 100Base-T, 100Base-F

**RJ45 port signal :** R+, R-, T+, T-, GND

**Optic port signal:** IN, OUT

**RJ45 port rate:** 10/100Mbps auto negotiation

**Optic port rate:** 100Mbps

**Working:** Asynchronism, point to point

**RJ45 port transmission:**100m

**Optic port transmission:** 20-120Km (single-mode),  
2Km (multi-mode)

**RJ45 port cable:** UTP 5E

**Optic port cable:**

**Single-mode:** 8.3/125, 8.7/125, 9/125 or 10/125 $\mu$ m,

**Multi-mode:** 50/125,62.5/125 $\mu$ m

**Wavelength:** 1310nm (2Km, 20 25Km, 40Km)  
1550nm(120Km),

**RJ45 port connector:** RJ45

**Optic port connector:** SC, ST or FC

### Environment

**Operating temperature:** -10°C to 65°C

**Storage temperature:** -20°C to 70°C

**Relative humidity:** 5% to 95%

### Power supply

**Power:** Internal (12VDC, -48VDC, 220VAC) and  
External (5VDC), optional

**Consumption:**4W

### Dimension

**L×W×H:**94.0mm×70.6mm×26.0mm(Power External)

160.5mm×110mm×30mm(Power Internal)

**Shell:** Iron

**Color:** White

**Weight:** 230g (Power External) 260g (Power Internal)

## Ordering Information

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**Model1100** 10/100M multi-mode, dual fiber, SC, ST or FC optional

**Model 1100S** 10/100M single-mode, dual fiber, SC, ST or FC optional

**Model1000SS** 10/100M single-mode, single fiber, SC, ST or FC optional