DELTA ELECTRONICS, INC.

Newsletter

Preface：

VFD-USB01 is a convenient RS-485-to-USB converter which requires no additional power-supply and complex setting process. VFD-USB01 supports wide-ranging baud rate of 75~115.2k bps, automatically switching data exchange direction, adopts RJ-45 as RS-485 connector. Its tiny dimension and handily use of plug-and-play provides another great option while connecting all DELTA products with your PC.

Table of Content：

Introduction

VFD-USB01

Appearance

- **Applicable Model**：All DELTA products
- **Application**

USB

undeveloped

RS-485

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■   **Specifications**

Power Requirement	No external power supply necessary
Power Consumption	0.4W
Isolated Voltage	3000 Vdc
Baud Rate	Support 75, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
RS-485 terminal mode	RJ-45
USB Connecter	B type(female)
Input Impedance	96 kΩ
Commpatlbiliay	Full Compliance with USBV1.1 specification

RJ45 Pin

8←1

RJ-45
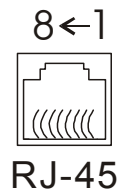
PIN	Signal Name
1	Reserved
2	Reserved
3	Reserved
4	SG+
5	SG-
6	Reserved
7	Reserved
8	Reserved

Dimension
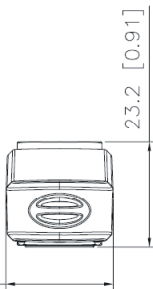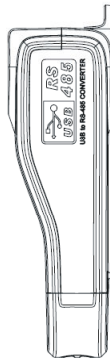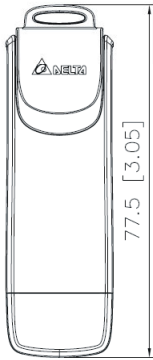
UNIT: mm(inch)

Ordering information

Item	Specification	Model
USB/RS485	USB/RS485 transformer	VFD-USB01

Expected Release Date

Model	Date
VFD-USB01	April/2007