DELTA ELECTRONICS, INC.

5011696100-UR00

IFD6530

INSTRUCTION SHEET

安裝說明
安裝说明
BILGI DÖKÜMANI

▲ *USB/RS-485 Communication Interface*
▲ *USB/RS-485 通訊轉換模組*
▲ *USB/RS-485 通讯转换模块*
▲ *USB/RS-485 Haberleşme Arayuz*

http://www.delta.com.tw/industrialautomation

DVP-1226270-01

⚠ Warning ·· **ENGLISH**

✓ *Please thoroughly read this instruction sheet before installation and putting it into use.*
✓ *The content of this instruction sheet and the driver file may be revised without prior notice. Please consult our distributors or download the most updated instruction/driver version at http://www.delta.com.tw/product/em/control/cm/control_cm_main.asp*

❶ Introduction

IFD6530 is a convenient RS-485-to-USB converter, which does not require external power-supply and complex setting process. It supports baud rate from 75 to 115.2kbps and auto switching direction of data transmission. In addition, it adopts RJ-45 in RS-485 connector for users to wire conveniently. And its tiny dimension, handy use of plug-and-play and hot-swap provide more conveniences for connecting all DELTA IABU products to your PC.

Applicable Models: All DELTA IABU products.

■ Application & Dimension

under development

USB

RS-485

80.0[3.15]

21.2[0.83]

22.5[0.89]

Unit: mm [inch]
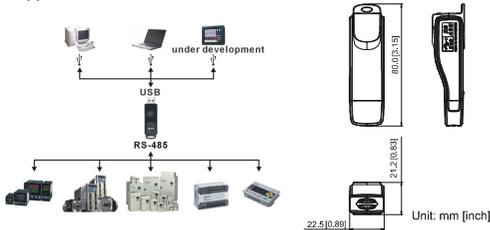
❷ Specifications

Power supply	No external power is needed
Power consumption	1.5W
Isolated voltage	2,500VDC
Baud rate	75, 150, 300, 600, 1,200, 2,400, 4,800, 9,600, 19,200, 38,400, 57,600, 115,200 bps
RS-485 connector	RJ-45
USB connector	A type (plug)
Compatibility	Full compliance with USB V2.0 specification
Max. cable length	RS-485 Communication Port: 100 m
Support RS-485 half-duplex transmission	

■ RJ-45

8←1
RJ-45
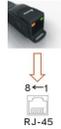
PIN	Description		PIN	Description
1	Reserved		5	SG+
2	Reserved		6	GND
3	GND		7	Reserved
4	SG-		8	+9V

❸ Preparations before Driver Installation

Please extract the driver file (IFD6530_Drivers.exe) by following steps. You could find driver file (IFD6530_Drivers.exe) in the CD supplied with IFD6530.

✎**Note:** DO NOT connect IFD6530 to PC before extracting the driver file.

STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

You should have a folder marked SiLabs under drive C.

❹ Driver Installation

After connecting IFD6530 to PC, please install driver by following steps.

STEP 1

STEP 2

OR

Browse and select directory, or enter C:\SiLabs\MCU\CP210x\WIN

STEP 3

STEP 4

STEP 5
Repeat Step 1 to Step 4 to complete COM PORT setting.

❺ LED Display

1. Steady Green LED ON: power is ON.
2. Blinking orange LED: data is transmitting.