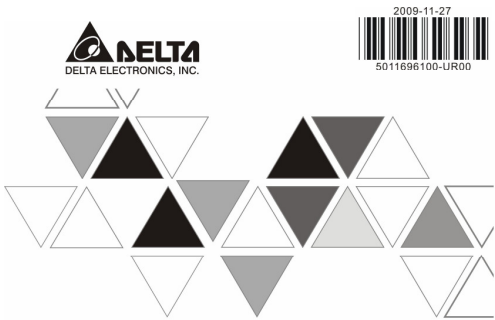




IFD6530 INSTRUCTION SHEET

安裝說明 安装说明 BİLGİ 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

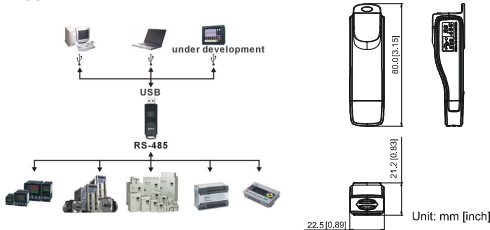
- ✓ Please thoroughly read this instruction sheet before installation and putting it into use.
- ✓ The content of this instruction sheet and the driver file may be revised without prior notice. Please consult our distributors or download the most updated instruction/driver version at http://www.delta.com.tw/product/em/control/cm/control_cm_main.asp

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



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

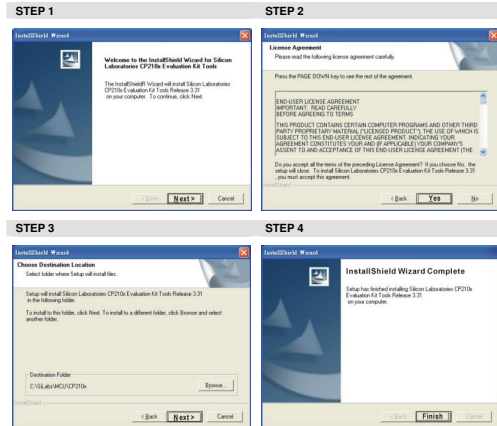


PIN	Description	PIN	Description
1	Reserved	5	SG+
2	Reserved	6	GND
3	GND	7	Reserved
4	SG-	8	+9V

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.

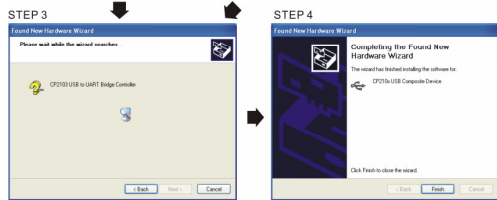
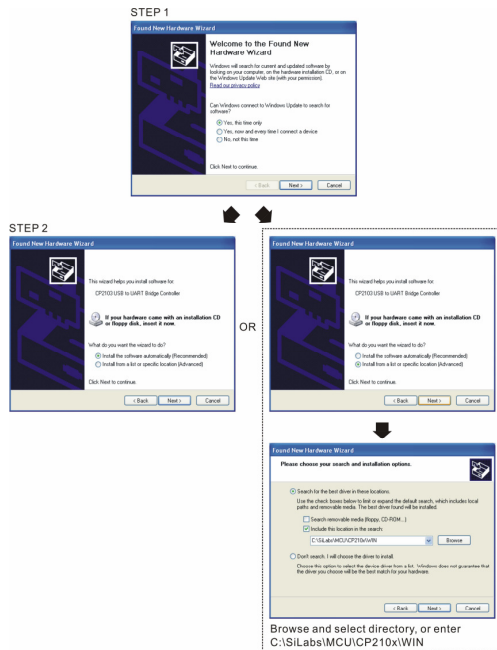


STEP 5

You should have a folder marked SiLabs under drive C.

Driver Installation

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



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

LED Display

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

注意事項

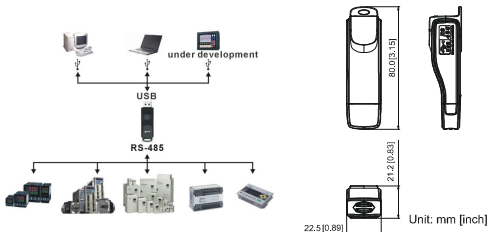
- ✓ 請詳細閱讀下列說明後才使用本產品，以確保使用安全。
- ✓ 由於產品精益求精，當內容規格或驅動程式有所修正時，請洽詢代理商或至台灣網站 (http://www.delta.com.tw/product/em/control/cm/control_cm_main.asp) 下載最新版本。

產品簡介

IFD6530 RS-485/USB 轉換裝置，不需外接電源，不需任何設定，即可支援不同的傳輸速率從 75 到 115.2 kbps，並可自動切換資料流方向。通過 USB 接口有隨時即用和熱插拔的方便性，提供和 RS-485 裝置的溝通介面，體積小且方便使用，RS485 採用 RJ-45 網路線接口，使用者能更便利的接線。

適用機種：台達電子 IABU 全系列產品。

產品應用及外觀尺寸



功能規格

電源需求	不需外接電源
消耗功率	1.5W
隔離電壓	2,500VDC
傳輸速度	75, 150, 300, 600, 1,200, 2,400, 4,800, 9,600, 19,200, 38,400, 57,600, 115,200 bps
RS-485 端子形式	RJ-45
USB 接頭	A type (plug)
相容性	符合 USB V2.0 規格
最大使用線長	RS-485 通訊埠：100 公尺
支援	RS-485 半雙工

RJ-45

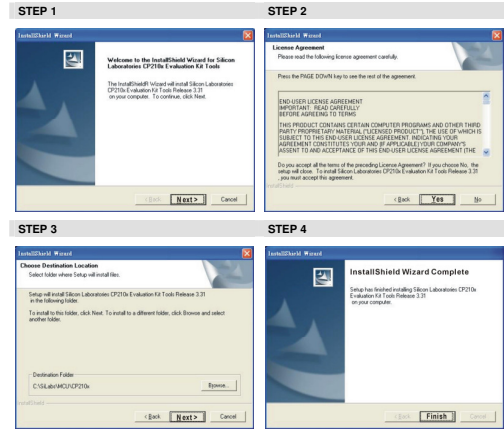


PIN	說明	PIN	說明
1	保留	5	SG+
2	保留	6	GND
3	GND	7	保留
4	SG-	8	+9V

安裝驅動程式前準備工作

請將隨機所附 CD 內的 USB 驅動驅動程式檔 (IFD6530_Drivers.exe) 依下列步驟解壓縮。

✓註：在解壓縮檔案前，請勿將 IFD6530 插入電腦。



STEP 5

完成後，IFD6530 驅動程式將會被放置於 c:\SiLabs

安裝驅動程式

請將 IFD6530 連接至電腦 USB 埠，完成後，請依以下步驟安裝。

