

DL-10 Quick Start

Version 1.0 Jun. 2017

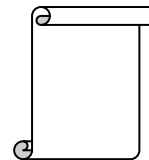
1 Shipping package

Thanks for buying ICPDAS DL-10 module. This shipping package contains the following items:

DL-10 module x 1

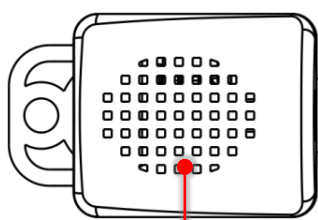


Quick Start x 1



2 Appearance & Pin Assignment

Front View

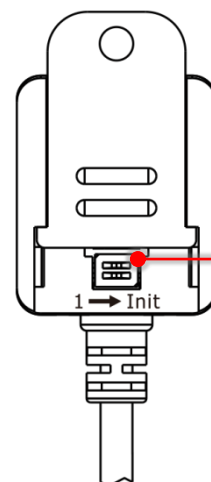


Temperature and Humidity Sensor

Power and RS-485 Connector

CONN	COLOR	Pin Assignment
1	White	D-
2	Red	Vcc
3	Black	GND
4	Green	D+

Rear View



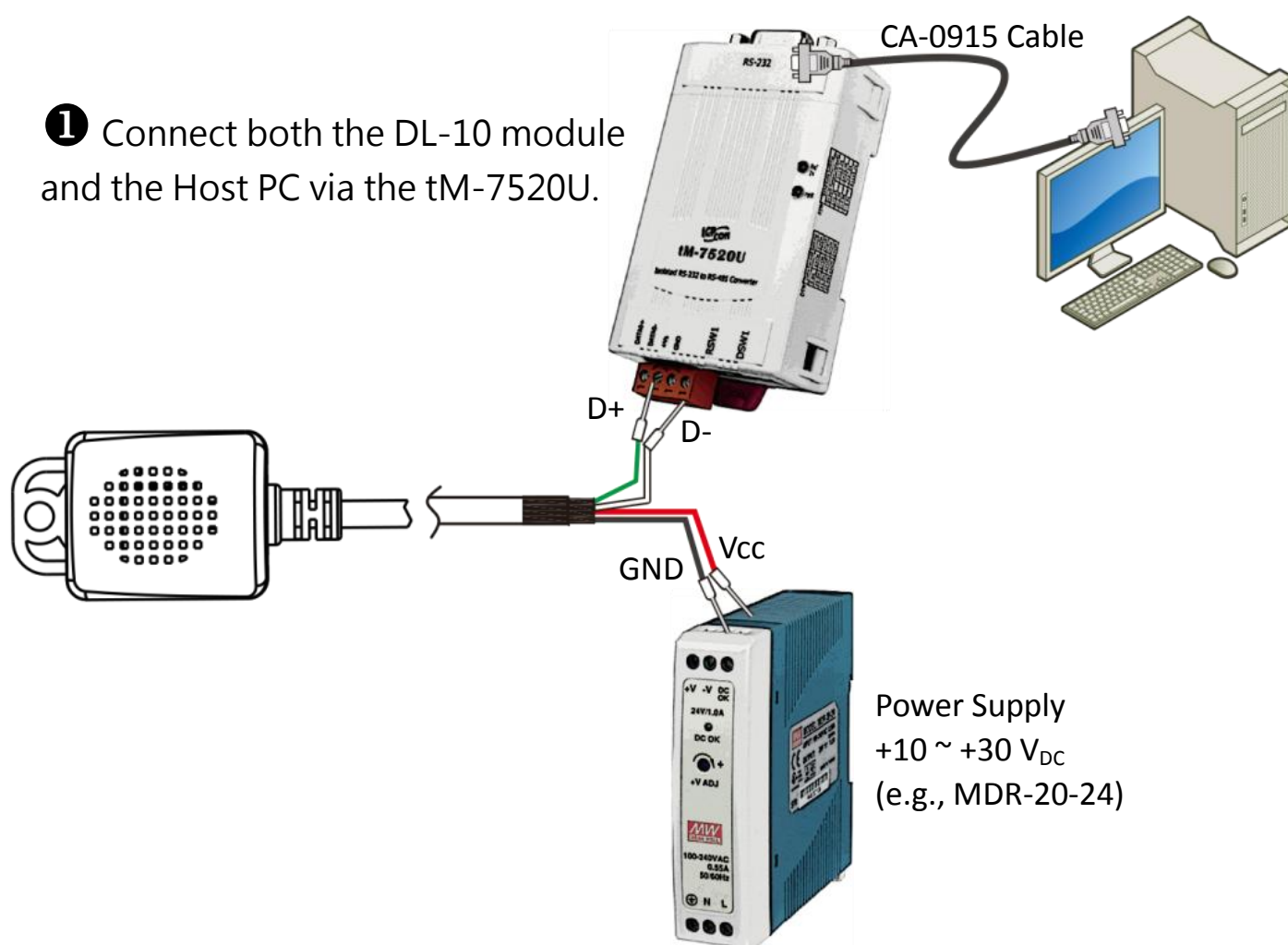
Init Switch

3 Connecting the Power and Host PC

Prepare for device

- ☑ RS-232 to RS-485 Converter: tM-7520U (optional)
- ☑ Exterior power supply device: MDR-20-24 (optional)

Wiring



- 2** Connect the **Vcc** pin to positive terminal on a 10 ~ 30 V_{DC} power supply, and connect the **GND** pin to the negative terminal.

4 Installing Software on Your PC



Decompress **DCON Utility Pro.zip**, which can be obtained from the ICP DAS web site at

 http://ftp.icpdas.com/pub/cd/8000cd/napdos/driver/dcon_utility/

5 Search Modules



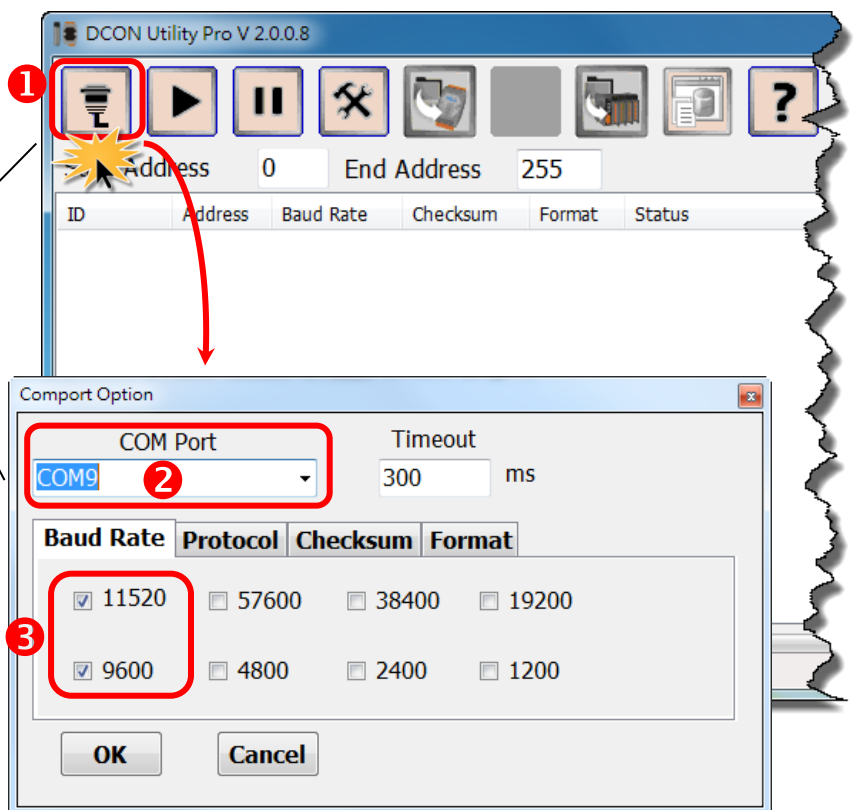
DCON_Utility_Pro.exe
DCON_Utility_Pro_PC

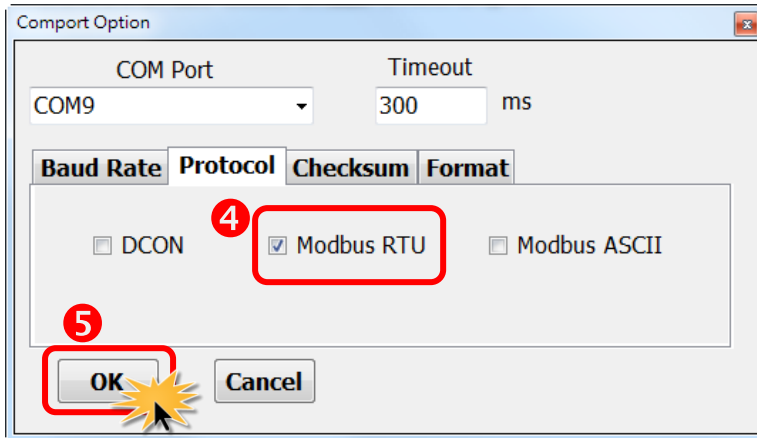
Run the DCON Utility Pro software

1. Click the **COM Port** button to open the “Comport Option” dialog box.

2. Select **COM Port** (e.g., COM9) depends on Host PC COM port that connects to DL-10.

3. Select the **115200** and **9600** in the Baud Rate option.



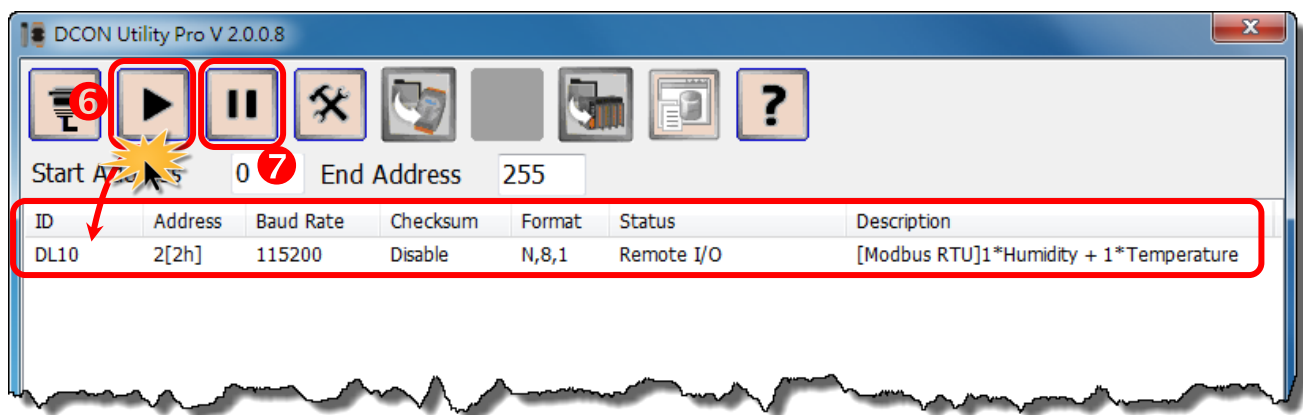


4. Select the **Modbus RTU** in the Protocol option.

5. Click **OK** button.

6. Click the **Start Search** button to search DL-10 module.

7. The DL-10 module will be displayed in list and click the **Stop Search** button.



6 Related Information

➤ DL-10 Product Page:

http://www.icpdas.com/root/product/solutions/remote_io/rs-485/dl_series/dl-100t485.html

➤ Documentation:

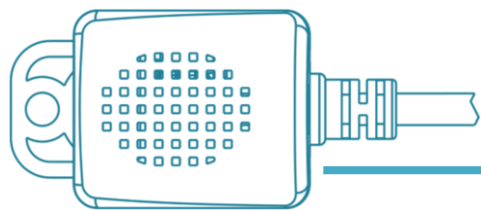
http://ftp.icpdas.com/pub/cd/usbcd/napdos/dl_100/

➤ Free Development Software – DCON Utility Pro:

http://www.icpdas.com/root/product/solutions/software/utilities/dcon_utility_pro.html

If you have any questions, please feel free to contact us via email at:

service@icpdas.com, service.icpdas@gmail.com



DL-10 快速入門指南

版本 1.0, 2017 年 6 月

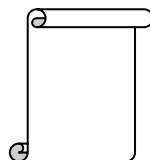
1 檢查配件

感謝您購買泓格的 DL-10 產品。產品包裝內應包含下列配件：

DL-10 模組 x 1

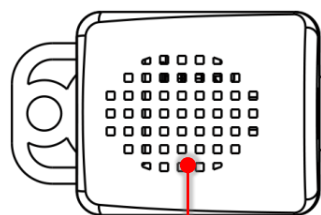


入門指南 x 1



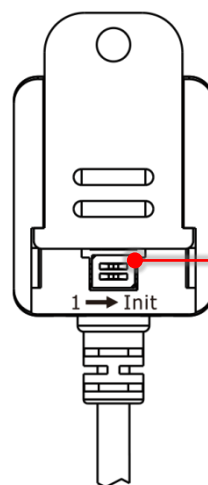
2 外觀 & 腳位定義

前視圖



溫濕度感應器

後視圖



Init 開關

電源及 RS-485 接頭

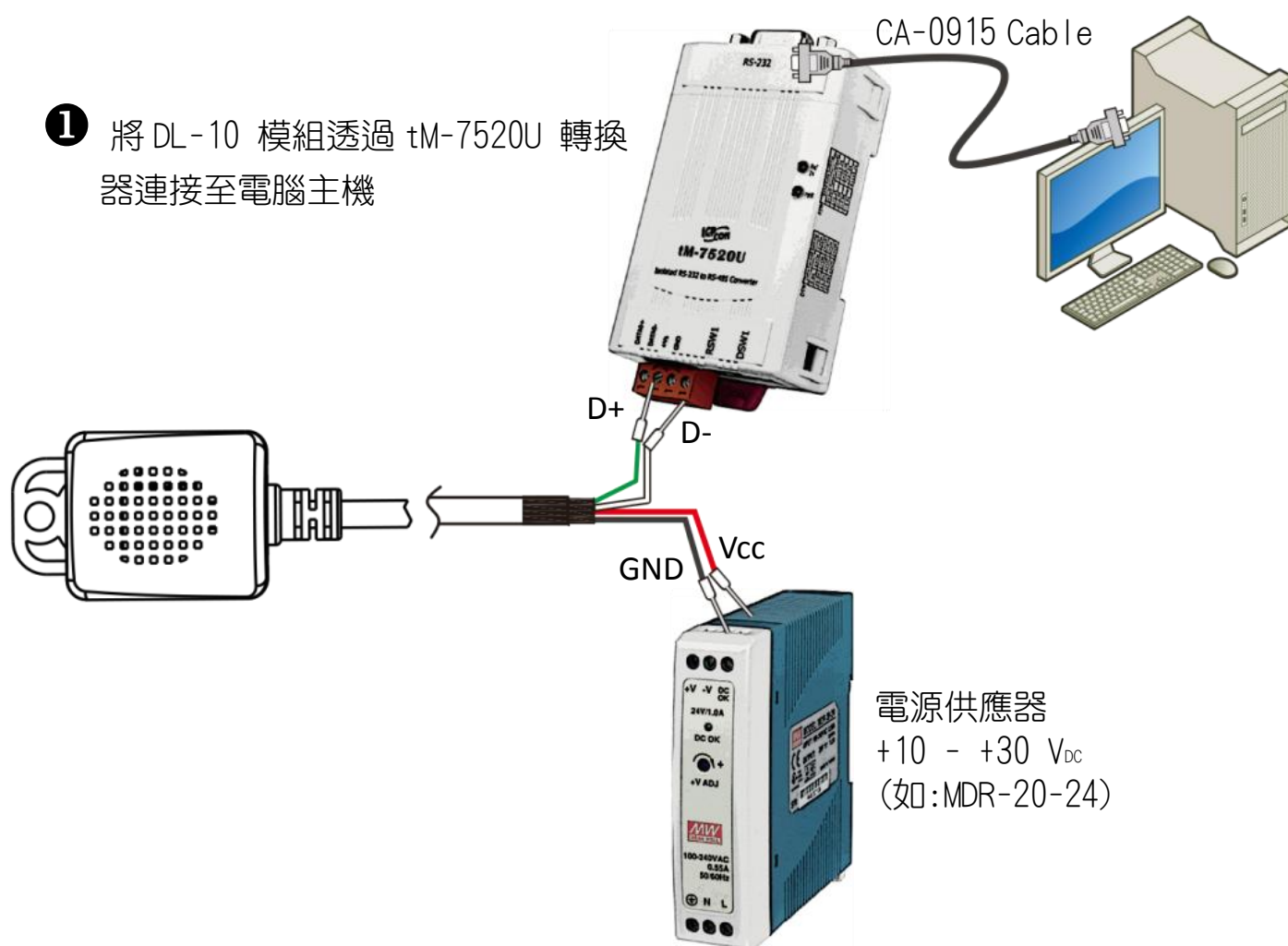
CONN	顏色	腳位
1	白色	D-
2	紅色	Vcc
3	黑色	GND
4	綠色	D+

3 連接電源與電腦主機

準備項目

- ☑ RS-232 連 RS-485 轉換器：tM-7520U (選購品)
- ☑ 外部電源供應器：MDR-20-24 (選購品)

接線方式



- 2 Vcc 接至電源供應器正端 (10 - 30 V_{DC})，GND 接至電源供應器負端

4 安裝軟體到您的電腦



解壓縮 **DCON Utility Pro.zip**，可從泓格科技網站下載。
詳細位置如下：

 http://ftp.icpdas.com/pub/cd/8000cd/napdos/driver/dcon_utility/

5 搜尋模組



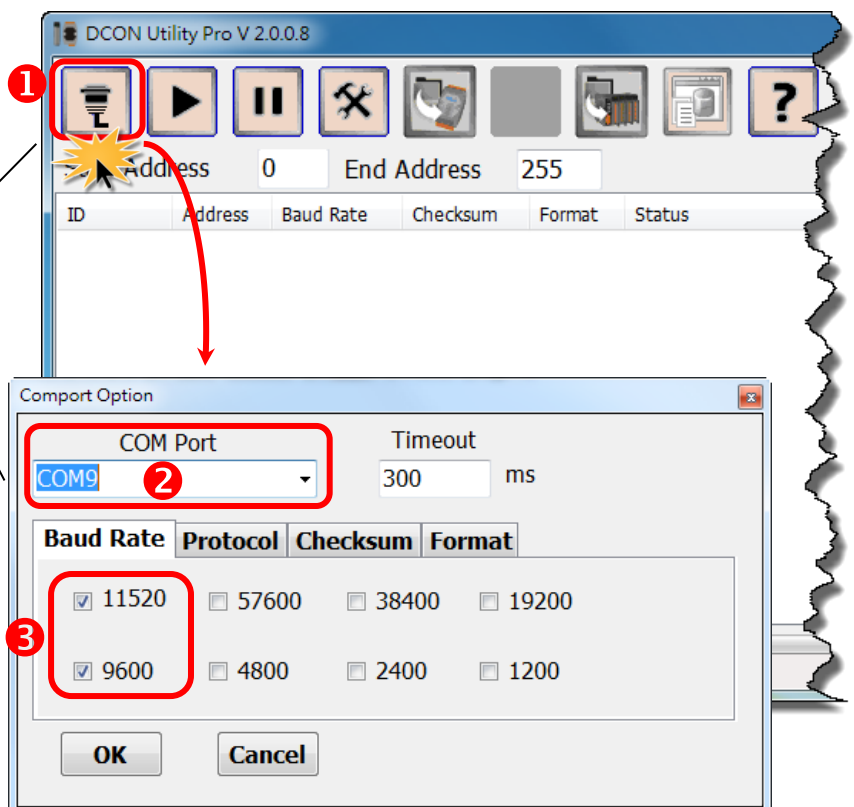
DCON_Utility_Pro.exe
DCON_Utility_Pro_PC

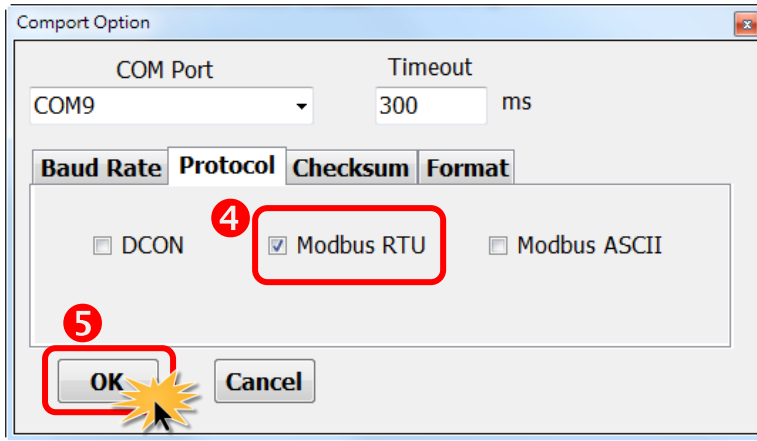
執行 DCON Utility Pro 軟體

1. 按下 **COM Port** 鍵來開啟
to “Comport Option” 配置
對話框

2. 選擇 **COM Port** (如：
COM9)，此 COM Port 為您
PC 所連接至 DL-10 的 COM
Port

3. 在 Baud Rate 配置區，
勾選 **115200** 及 **9600**



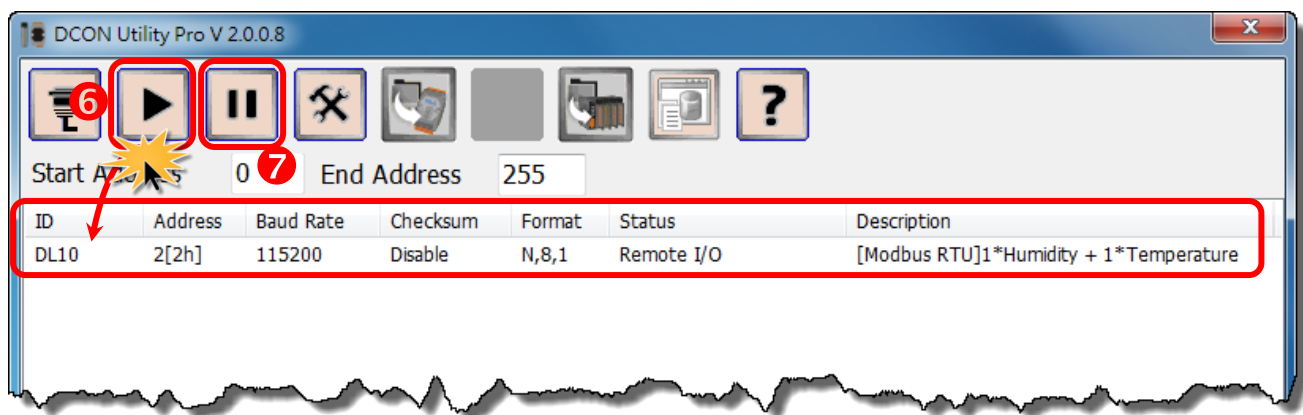


4. 在 Protocol 配置區，勾選 **Modbus RTU**

5. 按下 **OK** 鍵

6. 按下 **Start Search** 鍵來搜尋 DL-10 模組

7. DL-10 模組將被顯示在列表中，然後按下 **Stop Search** 鍵



6 參考資訊

➤ DL-10 產品網頁:

http://www.icpdas.com/root/product/solutions/remote_io/rs-485/dl_series/dl-100t485.html

➤ 相關文件:

http://ftp.icpdas.com/pub/cd/usbcd/napdos/dl_100/

➤ 免費開發軟體 - DCON Utility Pro:

http://www.icpdas.com/root/product/solutions/software/utilities/dcon_utility_pro.html

如有任何問題歡迎聯繫我們，我們將會為您提供完善的諮詢服務:

E-mail: service@icpdas.com, service.icpdas@gmail.com