











## ■ Packing List

In addition to this Quick Start, the package includes the following items:

I-7000/M-7000		Plastic Rail		CA-5810/CA-3813 (10 or 13-pin)	DB-1820
		 (For I-7000/M-7000)			
DN-1822	CA-252518D-1	DN-1823	CA-2525015D	DN-8P8C	CA-090910-A
					

**CA-5810** is for I-7017R-A5-G and M-7017R-A5-G

**DB-1820** is for I-7018Z-G/S, M-7018Z-G/S and M-7019Z-G/S

**DN-1822** and **CA-252518D-1** are for I-7018Z-G/S<sub>2</sub>, M-7018Z-G/S<sub>2</sub>, and M-7019Z-G/S<sub>2</sub>

**DN-1823** and **CA-2525015D** are for I-7018Z-G/S<sub>3</sub>, M-7018Z-G/S<sub>3</sub>, and M-7019Z-G/S<sub>3</sub>

**DN-8P8C**, **CA-090910-A**, and **CA-3813** are for I-7088(D)-G/S, M-7088(D)-G/S and M-7088M/S

## Resources

### Technical Support

[service@icpdas.com](mailto:service@icpdas.com)

[www.icpdas.com](http://www.icpdas.com)

How to search for drivers, manuals and spec information on ICP DAS website.

- For Mobile Web

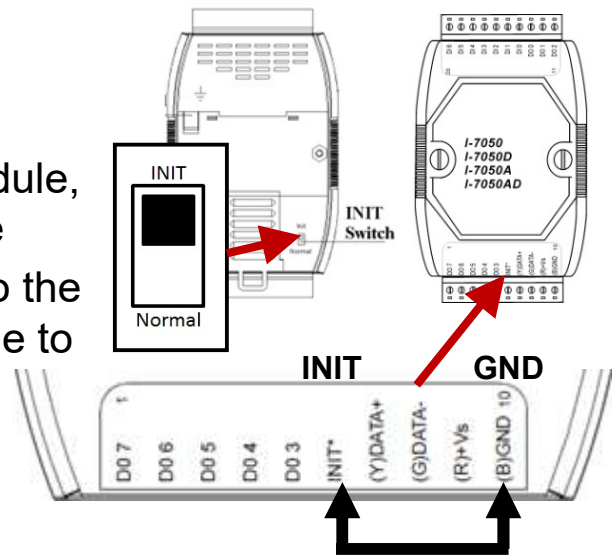


- For Desktop Web



# 1 Switch to Init Mode

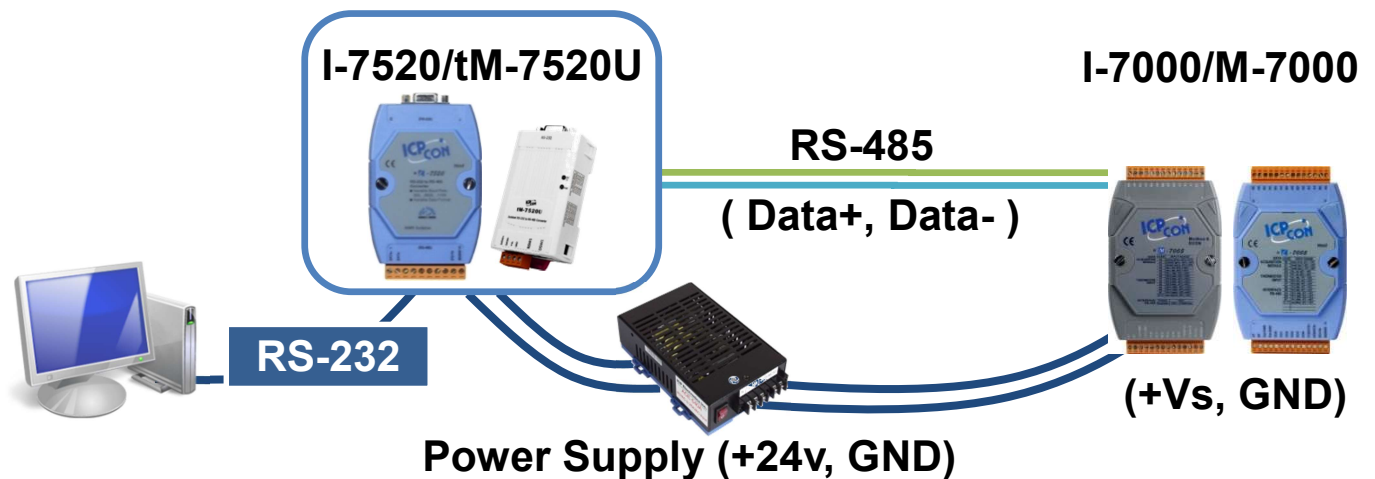
Before attempting to configure the module, ensure that you move the switch to the “**Init**” position, or connect the Init pin to the GND pin and then power on the module to access the configuration mode.



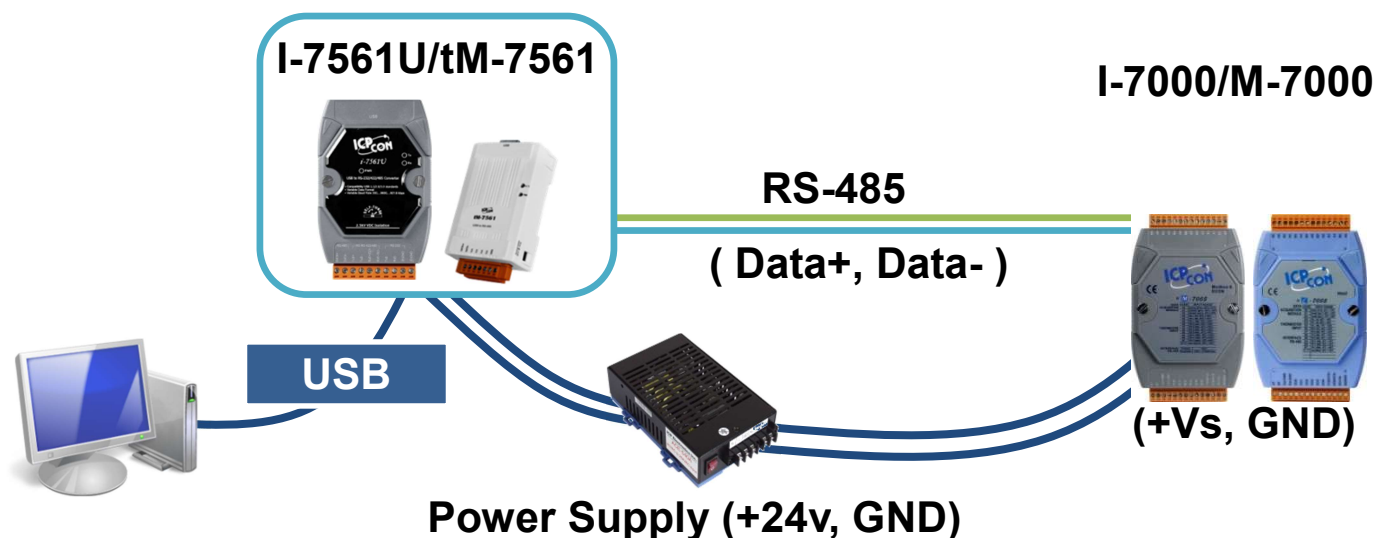
# 2 Connect to the PC and the Power Supply

**Note:** You should only connect a single I-7000/M-7000 module to the RS-485 bus during the configuration process.

## 1) Using an RS-232 to RS-485 Converter



## 2) Using a USB to RS-485 Converter



# 3 Install the DCON Utility Pro



The DCON Utility Pro can be obtained via FTP from the address below or by scanning the QR code:

[http://ftp.icpdas.com/pub/cd/8000cd/napdos/driver/dcon\\_utility/](http://ftp.icpdas.com/pub/cd/8000cd/napdos/driver/dcon_utility/)

# 4 Set the Communication Parameters

The screenshot shows the DCON Utility Pro V 2.0.0.7 interface. The main window has a toolbar with several icons. A red circle labeled '1' highlights the Run button (a play icon). Below the toolbar, the 'Start Address' is set to 0 and the 'End Address' is set to 255. A 'Comport Option' dialog box is open, showing 'COM1' selected in the 'COM Port' dropdown. A red circle labeled '2' highlights this dropdown. Below the dropdown, the 'Baud Rate' section has '115200' and '9600' selected with checkboxes. A red circle labeled '3' highlights these selected options. The 'Protocol' section has 'DCON', 'Modbus RTU', and 'Modbus ASCII' all selected with checkboxes. A red circle labeled '4' highlights these selected protocols. The dialog box also shows a 'Timeout' of 300 ms. The 'OK' and 'Cancel' buttons are visible at the bottom of the dialog box.

# 5 Search for and Configure the Module

The initial values will be displayed in Init mode. You can change the settings.

ID	Address	Baud Rate	Checksum	Format	Status	Description
7055D	0[0h]	9600	Disable	N,8,1	Remote I/O	[DCON]8*DI + 8*DO

7055D Firmware[0131]

Configuration DO Host WDT DI DI Latch DI Counter About

Protocol(INIT\*) Modbus RTU

Address 1 [01H]

Baud Rate(INIT\*) 19200

Parity(INIT\*) N,8,1-None Parity

Checksum(INIT\*) Disable

Reverse DI State (INIT\*)

Exit

Set Module Configurations

1

2

3

4

5

# 6 Reboot the Module in “Normal” Mode

Set the switch to the “**Normal**” position (or disconnect the INIT\* to the GND) then reboot the module to apply the new configuration. Also, search for the module again to confirm that the new configuration is correct and that the module can be detected.

