



I-7000/M-7000 Quick Start

v1.3, Fed. 2020

■ Packing List

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

I-7000/M-7000		Plastic Rail (For I-7000/M-7000)		CA-5810/CA-3813 (10 or 13-pin)	DB-1820
DN-1822	CA-252518D-1	DN-1823	CA-2525015D	DN-8P8C	CA-090910-A
<p>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/S₂, M-7018Z-G/S₂, and M-7019Z-G/S₂ DN-1823 and CA-2525015D are for I-7018Z-G/S₃, M-7018Z-G/S₃, and M-7019Z-G/S₃ DN-8P8C, CA-090910-A, and CA-3813 are for I-7088(D)-G/S and M-7088(D)-G/S</p>					

■ Technical Support

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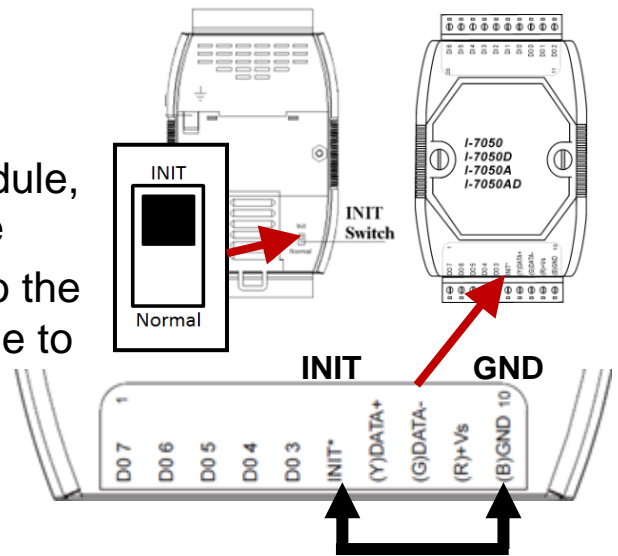
<http://ftp.icpdas.com/pub/cd/8000cd/napdos/7000/manual/>

Default Communication Parameters:

Parameters	Default Values (In Run mode)		Initial Values (In INIT mode)
	I-7000	M-7000	I-7000/M-7000
Model	I-7000	M-7000	I-7000/M-7000
Protocol	DCON	Modbus RTU	DCON
Address	01		00
Baud Rate	9600		
Parity	N,8,1		

1 Switch to Init Mode

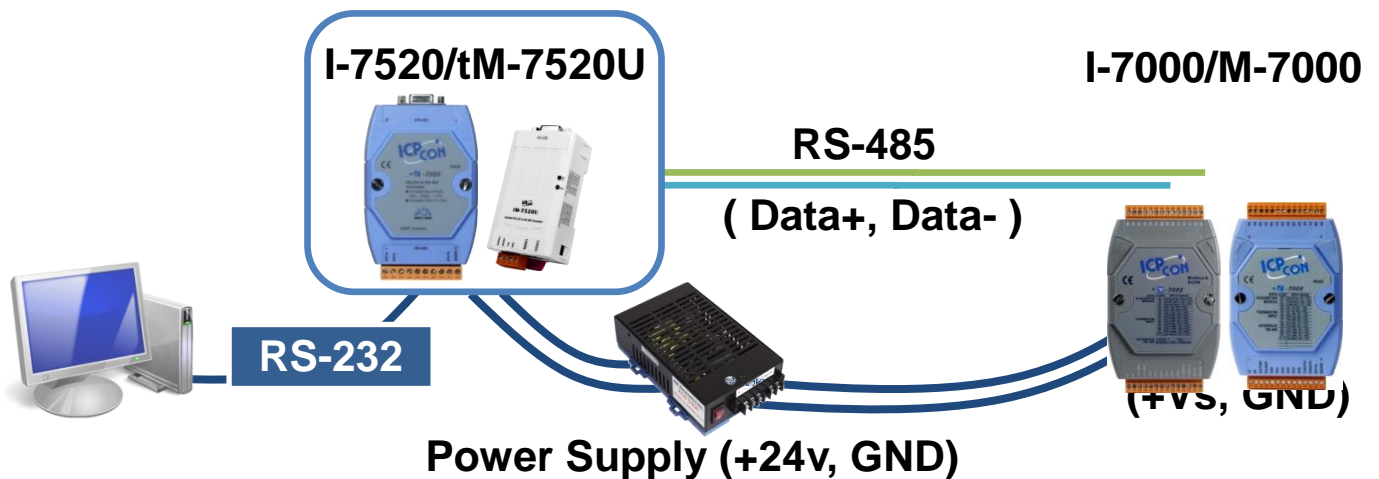
Before attempting to configure the module, ensure that you move the switch to the “**Init**” position, or connect the Init pin to the GND pin and then power on the module to access the configuration mode.



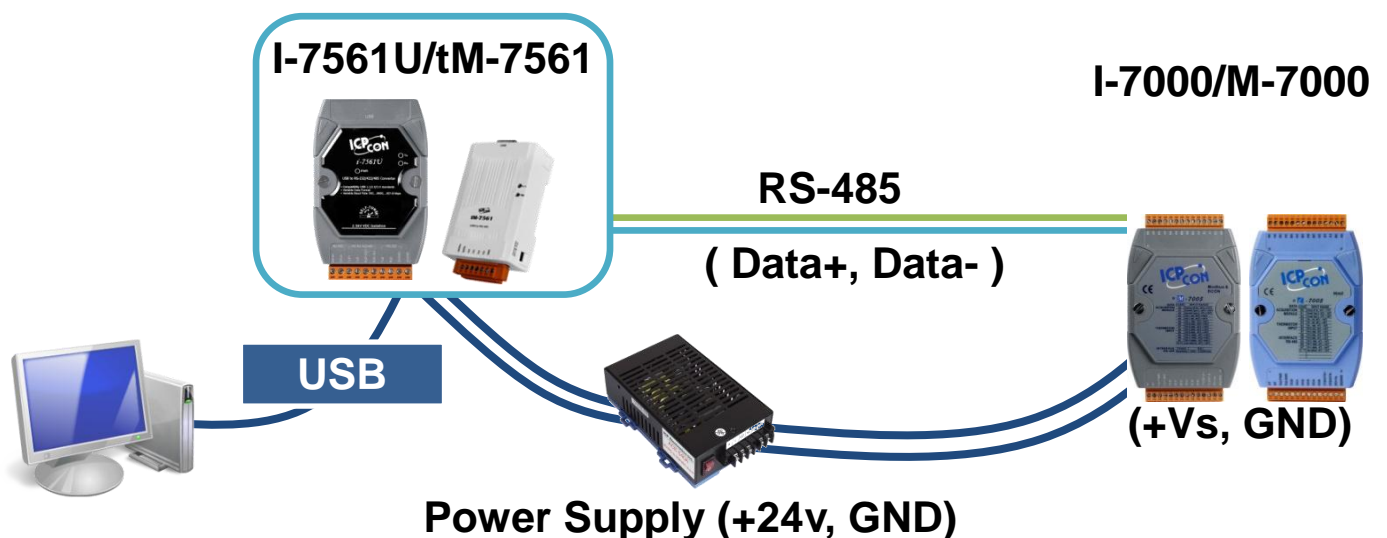
2 Connect to the PC and the Power Supply

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/

4 Set the Communication Parameters

The screenshot shows the DCON Utility Pro V 2.0.0.7 interface with four numbered steps for setting communication parameters:

- 1**: The main toolbar is shown, with the first icon (a coffee cup) circled in red.
- 2**: The 'Comport Option' dialog box is open. The 'COM Port' dropdown menu is set to 'COM1' and is circled in red.
- 3**: The 'Baud Rate' section of the dialog box is shown, with '115200' and '9600' selected (checked) and circled in red.
- 4**: The 'Protocol' section of the dialog box is shown, with 'DCON', 'Modbus RTU', and 'Modbus ASCII' all selected (checked) and circled in red.

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: Start button
2: ID 7055D
3: Configuration fields
4: Set Module Configurations button
5: Exit button

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.

