

Reply Delay for ioPro-16DI



The following are instructions for setting the Reply Delay on the ioPro-16DI. It is required when the module is installed locally (vs. remote).

STEP 1: Download ioStudio from the ioSelect web site:

<http://www.ioselect.com/Downloads/IOStudio2.0-Internet.zip>

and install it. If you do not have Microsoft's .NET Framework installed the installation program will download it and install it. This requires an Internet connection and a subsequent restart of your PC. We suggest installing Microsoft's .NET prior to installing the ioStudio program. The latest version is 3.5, SP 1. You can get it from Windows Update, use Custom.

STEP 2: If you have an RS232-485 converter you can use it to connect directly to the ioPro-16DI via the RS485 terminals (3 (+) and 4(-)). If you do not have an RS232 to 485 converter the WDLs may be used.

1. Set one WDL (Local) to RS232 communication (SW2 on, all others off).
2. Connect an RS232 cable from the PC to the "Local" WDL.
- 2.. Connect the ioPro-16DI to the remote WDL using the RS485 terminals.
3. Set the address on the 16DI to zero (0) - If you have more than one set each one serially, 1, 2,... and and so on until all are set. - using the switches on the front. (See the ioPro Product Manual for instructions:

<http://www.ioselect.com/ioSelect/PDFs/IOS-ioPro-Product-Manual-V03b.pdf>)

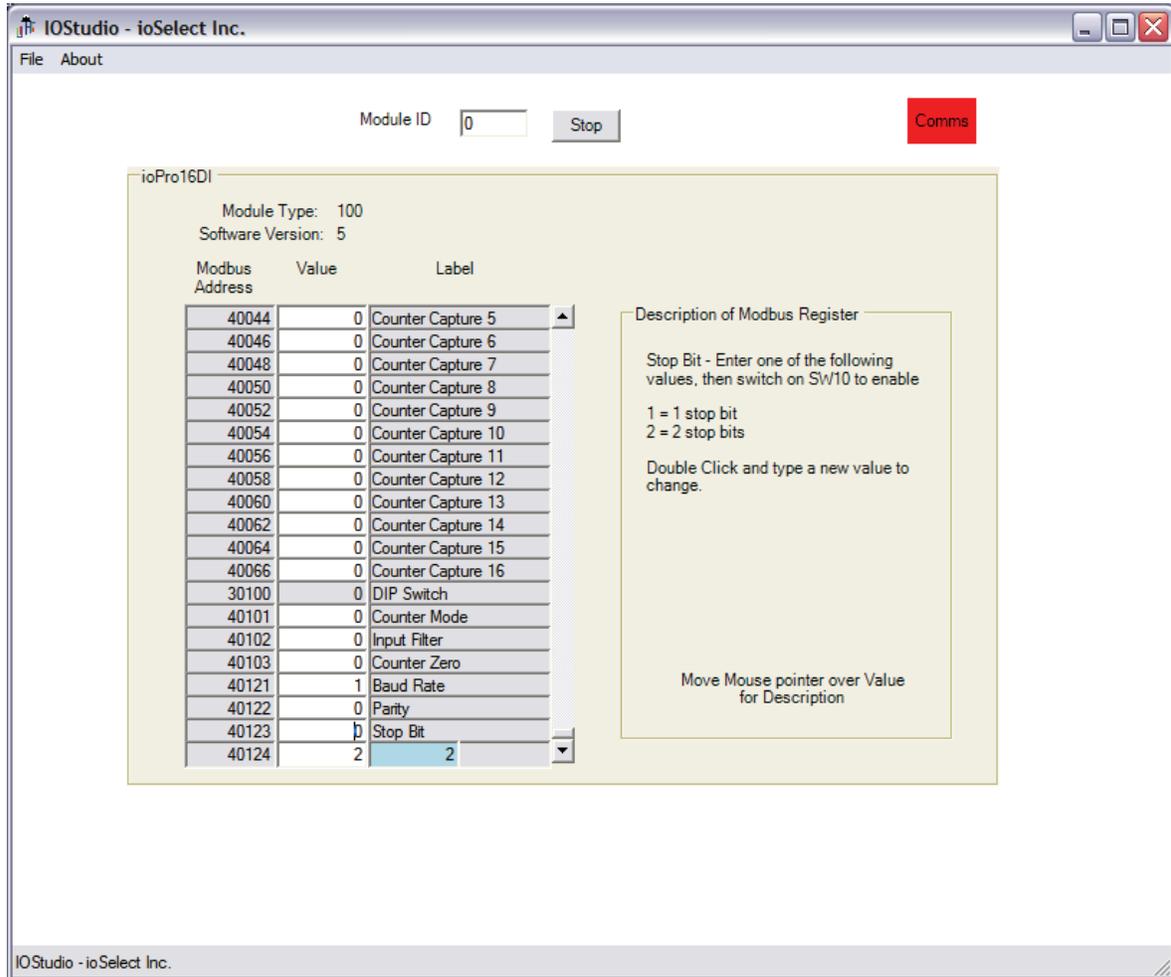


STEP 3: Open the ioStudio program.

1. Go to File -- Setup Comms
2. Select the appropriate Comm port for the "local" WDL.
3. Set the Module ID to 0.
4. A window should appear (see next page) with the title ioPro16DI
5. Scroll down to Modbus Address 40124 (the last one).
6. Set the Reply Delay to "3", hit enter or click on another field. It may take a second for the entry to appear in the Value field.

STEP4: Disconnect from PC, reset "local" WDL to RS485 communication (SW1 on, all others off).

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File About

Module ID Stop Comms

ioPro16DI

Module Type: 100
Software Version: 5

Modbus Address	Value	Label
40044	0	Counter Capture 5
40046	0	Counter Capture 6
40048	0	Counter Capture 7
40050	0	Counter Capture 8
40052	0	Counter Capture 9
40054	0	Counter Capture 10
40056	0	Counter Capture 11
40058	0	Counter Capture 12
40060	0	Counter Capture 13
40062	0	Counter Capture 14
40064	0	Counter Capture 15
40066	0	Counter Capture 16
30100	0	DIP Switch
40101	0	Counter Mode
40102	0	Input Filter
40103	0	Counter Zero
40121	1	Baud Rate
40122	0	Parity
40123	2	Stop Bit
40124	2	

Description of Modbus Register

Stop Bit - Enter one of the following values, then switch on SW10 to enable

1 = 1 stop bit
2 = 2 stop bits

Double Click and type a new value to change.

Move Mouse pointer over Value for Description

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