Setting uPAC-7186EG's and I-7188EG/XG's COM3 or COM2 as Modbus RTU slave port

uPAC-7186EG and I-7188EG/XG can install X5xx expansion board to have a COM3.
COM2/COM3 of uPAC7186EG and I-7188EG/XG supports one port for Modbus RUT slave protocol by user define since the uPAC-718EG driver version of 1.02, I-7188EG driver version of 3.03 & I-7188XG driver version of 3.03.
Note: uPAC-7186EG & I-7188EG/XG must install X5xx expansion board for more COM port.

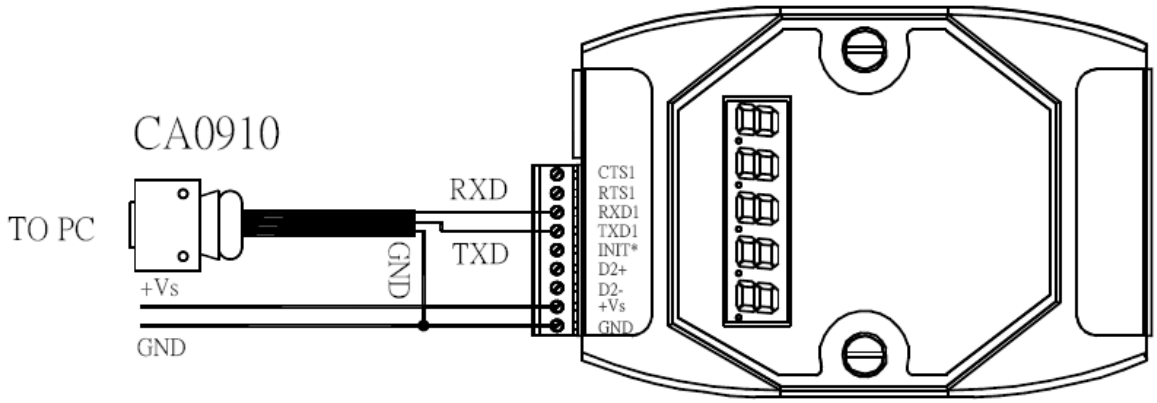
Please visit the website to get the controller new driver version.
Website:
http://www.icpdas.com/en/download/show.php?num=368&nation=US&kind1=&model=&kw=isagraf

***We use I-7188EG as an example:
1. Create a file folder named "7188" in your hard drive. For example: "c:\7188".

2. Copy \Napdos\ISaGRAF\7188EG\Driver\7188xw.exe, 7188xw.ini from website download center: https://www.icpdas.com/en/download/file.php?num=954 into your "7188" folder.

3. Run "\7188\7188xw.exe" in your hard drive. A "7188xw" screen will appear.

4. Link from COM1 or COM2 of your PC to COM1 of the I-7188EG controller by a RS-232 cable.



If your computer has no COM1/COM2 or you use other COM (like COM5) to link the I-7188EG, you change the "C number" in the first line of "7188xw.ini" file.
EX: Using computer's COM5 to link to I-7188EG

C1 B115200 P0 D8 S1 F Xautoexec.bat Xisa7188e.exe w25	⇨ **C5** B115200 P0 D8 S1 F Xautoexec.bat Xisa7188e.exe w25

5. Power off the I-7188EG controller, connect pin "INIT*" to "GND", and then power it up.

6. If the connection is Ok, "i7188E >"messages will appear on the 7188xw screen.

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7. Type "isa7188e *x=PB", to set COM2 or COM3 as Modbus RTU slave port.
 'P' means port number, P: 2 or 3.'B' means baud rate, B: 0 ~ 9.
 Setting COM2 Baud rate and defined as Modbus RTU,'PB' = 20~29,
 Setting COM3 Baud rate and defined as Modbus RTU,'PB' = 30~39,
 COM2/COM3 default value is not Modbus RTU
 isa7188e *x=PB (for I-7188EG)
 isa7188 *x=PB (for I-7188XG)
 isa7186e *x=PB (for uPAC-7186EG)
 The "B" is for setting baud rate, following is the settings:
 1= 2400, 2=4800, 3=9600, 4=19200, 5=38400,
 6=57600, 7=115200, 8=300, 9=600, 0=1200

8. Type "isa7188e *x=f" to free the COM2/COM3 of I-7188EG.
 isa7188e *x=f (for I-7188EG)
 isa7188 *x=f (for I-7188XG)
 isa7186e *x=f (for uPAC-7186EG)

9. Press ALT_X to exit "7188xw" and close the DOS SHELL, or COM1/COM2 of the PC will be occupied.

10. Remove the connection between "INIT*" - "GND", reset the I-7188EG controller.

EX:

```
ICP_DAS MiniOS7 for I-7188E Ver. 2.01 build 001,Sep 15 2006 17:04:53
SRAM:512K, FLASH MEMORY:512K
[CPU=RDC 8820-D]
Serial number= 01 91 04 A8 08 00 00 34

i7188E>isa7188e *x=24

 Com2 is defined as Modbus RTU

ICP_DAS MiniOS7 for I-7188E Ver. 2.01 build 001,Sep 15 2006 17:04:53
SRAM:512K, FLASH MEMORY:512K
[CPU=RDC 8820-D]
Serial number= 01 91 04 A8 08 00 00 34

i7188E>isa7188e *x=f

 COM2/COM3 port is not as Modbus Slave port
```


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