

FAQ-033: Setting Up More Modbus RTU Slave Ports in Wincon ISaGRAF Controllers

The Wincon-8xx7/8xx6 can setup up to five Modbus RTU slave ports in COM2 or COM3 or in COM5, COM6, COM7 COM8 (multi-serial ports of i-8142/8144/8112/8114 in slot 1 or 2) since the driver version of 3.25.

Note:

1. Modbus RTU slave port 1 can be COM2 or COM3 which can be set on the "Wincon's monitor" by mouse .
2. User may enable 2nd , 3rd , 4th or 5th Modbus RTU slave port in COM5 , COM6 , COM7 or COM8 only. (No support other COM port number)
3. Before using this function, please make sure COM5 , COM6 (or COM7 , COM8) does exist and well configured.
4. Via 2nd, 3rd, 4th or 5th Modbus RTU slave port, user may use ISaGRAF to Debug/Set_val to the controller, however user can not Stop/Download/Update the ISaGRAF program.
5. To Debug/Set_val/Stop/Download/Update the ISaGRAF program, please use Ethernet port (or Modbus RTU slave port 1, COM2 or COM3 if enabled). COM5 to COM8 is not for ISaGRAF to Stop/Download/Debug.

How to setup ?

Please connect "Rtu_slav" in the ISaGRAF IO connection window as below. Re-compile the project and download to the Wincon via Ethernet (or first Modbus RTU port if it is enabled)

The 4-ch boolean inputs indicate the related port is well enabled or not. True: Enable Ok. False: disabled.

RTU_Slave_Port2 ~ 5 defines the COM Port number to enable. Value can be 0, 5, 6, 7, or 8. Value of 0 means not enable it. Baud rate setting can be 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200