CAN-2000C FAQ

Q1. When I set PDO Event Timer to let PDO message auto responses per 1 second and it really work. But if I reboot the CANopen slave module and the setting would gone. How can I save this configuration?

A:

User can use object 0x1010 to save this configuration. After set the PDO Event Timer, user must use SDO protocol to set object 0x1010 with save command and it can save all communication and I/O parameter configuration (for detail please refer to can-20xxc_user_manual section 3.2 "Store and Restore Object"). To do this, when the slave module is rebooted and into Operational Mode, the PDO will work with the Event Timer setting.
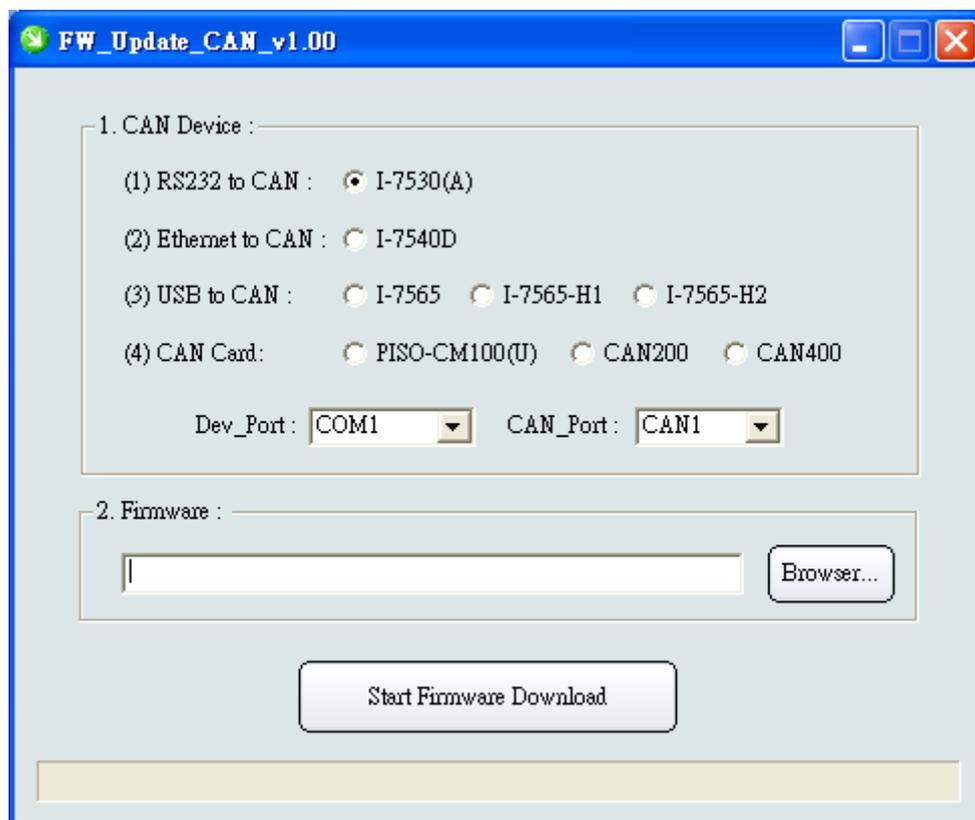
(2013/12/06, Ming)

Q2. How can I update the firmware on my CAN-2000C module?

A:

First you must to check that if your module supported firmware update by CAN bus. You need only adjust the Node ID rotary switch to 0 and boot the module. If it supports, the 3 status LEDs on the module will polling flash and into firmware update mode. Now please execute "fw_update_can.exe" (http://ftp.icpdas.com/pub/cd/fieldbus_cd/canopen/slave/can-2000c/tools/fw_update_can_tool/) and refer to the "fw_update_can_vxx.pdf" document to select suitable CAN converter to update firmware. If your slave module not support firmware update function or you have no any ICP DAS CAN converter, please contact your sales.

* The fw_update_can.exe supports CAN converter and CAN card：

(2013/12/06, Ming)

Q3. Why can't I communicate with CAN-2000C serial modules by using CANopen master which is not provided by ICPDAS? At the same time, the ERR LED of CAN-2000C modules is blinking continuously.

A:

Please check the terminal resister. Users can measure the resister between CAN_H and CAN_L if it is about 60Ω or not. If not, users need to put 120Ω terminal resisters on the both end of the CAN bus (CAN-2000C module has a built-in 120 terminator resister switch).

(2013/12/06, Randy)