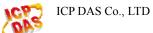
CAN-2000C FAQ

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?	2
Q2.	How can I update the firmware on my CAN-2000C module?	3
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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"

(<u>http://ftp.icpdas.com/pub/cd/fieldbus_cd/canopen/slave/can-2000c/tools/fw_update_can_tool/</u>) 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:

S FW_Update_CAN_v1.00	×
1. CAN Device :	
(1) RS232 to CAN : 🕟 I-7530(A)	
(2) Ethemet to CAN : 🔿 I-7540D	
(3) USB to CAN : O I-7565 O I-7565-H1 O I-7565-H2	
(4) CAN Card: C PISO-CM100(U) C CAN200 C CAN400	
Dev_Port: COM1 CAN_Port: CAN1	
2. Firmware :	
Browser	
Start Firmware Download	

(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)



Q4、Are the plastic materials of CAN-2000 series REACH certified? Are CAN-2000 series UL certified?

Ans.:

1. No. The plastic materials of CAN-2000C series are not REACH certified.

2. No. CAN-2000C series are not UL certified.

(2016/12/12, Randy)



$Q5_{\sim}$ What is the weight of CAN-2000 series? Is there STEP file available?

Ans.:

The weight of CAN-2000 series is about 155g ~ 165g. (Excluded daughter board, such as CAN-2018C or CAN-2019C)

You can download the STEP file in the below link.

ftp://ftp.icpdas.com/pub/cd/fieldbus_cd/canopen/slave/can-2000c/CAN-2000.STEP.rar (2016/12/12, Randy)



Q6、 Is there any demo program about how to use CAN-2000C series?

Ans:

Yes, we have demo for CAN-2000C series

Before getting start, go ftp://ftp.icpdas.com/pub/cd/fieldbus_cd/can/virtual_can/

Download "virtual can setup v313.zip", unzip it and install.

/pub/cd/fieldbus_cd/can/virtual_can/ 的索引

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名稱	大小	已修改日期
📕 demo/		2018/11/29 下午7:34:00
old_version/		2016/1/26 下午5:02:00
virtual can setup v313.zip	10.8 MB	2016/1/26 下午5:02:00
virtualcandriver_manual.pdf	2.7 MB	2014/11/26 下午6:41:00
vxcan_utility/		2014/12/10 下午5:59:00

We have demo on FTP:

ftp://ftp.icpdas.com/pub/cd/fieldbus cd/can/virtual can/demo/

Download the demo you need

/pub/cd/fieldbus_cd/can/virtual_can/demo/ 的索引

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名稱	大小	已修改日期
can_2015c_demo_c#.zip	271 kB	2018/11/29 下午7:34:00
can_2017c_demo_c#.zip	278 kB	2018/11/29 下午7:34:00
can_2026c_demo_c#.zip	297 kB	2018/11/29 下午7:34:00
can_2053c_demo_c#.zip	125 kB	2018/11/29 下午7:34:00
can_2055c_demo_c#.zip	207 kB	2018/11/29 下午7:34:00
can_2057c_demo_c#.zip	241 kB	2018/11/29 下午7:34:00
can_2088c_demo_c#.zip	181 kB	2018/11/29 下午7:34:00
🗋 vxcan_dotnet.zip	52.1 kB	2018/11/29 下午7:34:00
🗋 vxcan_v3.0_demo.zip	157 kB	2018/11/29 下午7:34:00

After download and unzip it, you can find a C# project that you can open and read the source code. Or according to the following path find the CAN_20xxC_demo.exe, and use it directly. CAN_20xxC_demo_c#\CAN_20xxC_demo\CAN_20xxC_demo\bin\x86\Release

Right-click on the file and select "Run as administrator"

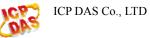
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	《 CAN_2013C_0 名稱	emo_c# 7 CAN_2	orbe_demo >	修改日期	類型	大小			7
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🔮 文件 📰 圖片				st 2018/10/25下午 2014/7/30下午0		1 KB 12 KB			
20181211		CAN_DotNET		2013/7/23 下午 0		46 KB			

And start to use demo. There are steps on the top.

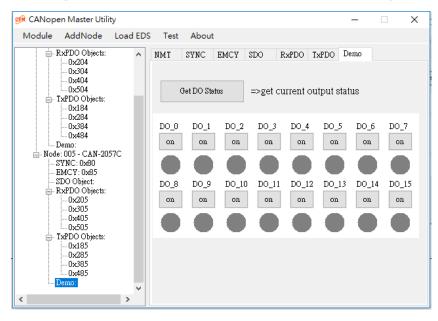
Form1				- 🗆 ×
Get DLL Version 1_Search Module	Baud rate : 1000kbps Step 1. Find CAN Converter Device Step 2. Get CAN Converter Device List Step 3. Open CAN Port of the Converter Step 4. Input the ID of CAN-2015C Step 5. Click button5 to start Operation State First		Step 6. Choose RTD Type Step 7. Click Button7 to Sta Step 8. Stop Detect if Needer	rt to detect the temperature d in Button 8
2_Get Module List	3_Open CAN	Close CAN	Reset CAN	CAN Status
4_Node ID	5 Operation Mode	7_Start To Detect	8 Stop Event Timer	
~		/_Start 10 Detect	8_Stop Event limer	
temperature	6_RTD Type			~
Max	<u> </u>			
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3/4 3/4				
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3/4 1/4				
3/4 1/4 0				
3/4 1/4 0 -1/4				
3/4 1/4 0 -1/4 -2/4				

Note: these demo only support our CAN converter or CAN card product to connect to PC.

If	you	use	our	CANopen	Master,	you	can	go	to
<u>ftp://</u>	/ftp.icpdas.c	om/pub/cc	d/fieldbus_	cd/canopen/mast	ter/utility/pc/				
Dow	nload "cpm	utility.exe	"						
←	→ C (0 不	安全 <mark>ftp://ft</mark> p	o.icpdas.com/pu	ub/cd/fieldbus_cd/cano	pen/master/utility/pc/	☆ 🏸	<u>ê</u> e 👳	明陽	
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1	父目錄]								
C c	名稱 pmutility.exe	大小 1.2 MB	已修改E 2018/11/29	3期 下午7:33:00					



Run cpmutility.exe. When the CANopen master finds the CAN-2000C series, it will have a demo page for operating the module directly.



For example, the master connects to CAN-2057C, so it has a demo page for operating those DO points

(2018/12/13, Evan)

