Classification	DCON Utility Pro FAQ						DCON_01_002
Author	Martin	Version	1.0.0	Date	2019/12/03	Page	1/2

## 如何備存與回存 PAC 主機上的 I-87K/I-97K 模組設定?



當使用 DCON Utility Pro 搜尋 PAC 主機插槽上的模組,如下圖包含串列通訊的 I-8K(並列 通訊 I/0)及 I-87K(串列通訊 I/0)模組。 並列通訊模組控制設定都是經由 SDK(API 程式庫) 寫在開發程式裡面,沒有設定問題。 串列通訊模組必須透過命令去設定模組,相關設定存在 模組的 EEPROM 裡面,所以有必要將模組的相關設定存成檔案,以備將來更換模組損壞更換時 重新設定。DCON Utility Pro 就提供將 I-87K/I-97K 模組設定存成檔案,並能從檔案將設定 回存功能。

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步驟1: 完成 I-87K 模組設定後,按下"Save Configurations to the File"										
87028U Fi	irmware[A20	03]							×	
Configura	ation AO	Host WDT Command	ls Log About							
					Set AO value w	th Engineering	omat			
	Type Code	Slew Rate	Battery Bac	ckup Wiring	AO Value Re	adBack Ra	nge Output	t		
CH:0	[01] +4 ~ +20	immediate	▼	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
CH:1	[00] 0 ~ +20 n [01] +4 ~ +20	mA mA immediate	▼	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
CH:2	[02] 0 ~ +10 \ [03] +/- 10 V	/ immediate	▼	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
CH:3	[04] 0 ~ +5 V [05] +/- 5 V	immediate	▼	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
CH:4	[01] +4 ~ +20	mA 👻 immediate	▼	Set Open	0000 000	0 0~	FFFF 0000	tirW ]	te	
CH:5	[01] +4 ~ +20	mA 👻 immediate	-	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
CH:6	[01] +4 ~ +20	mA 👻 immediate	-	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
CH:7	[01] +4 ~ +20	mA 👻 immediate	▼	Set Open	0000 000	0 0~	FFFF 0000	Writ	te	
[	Set Chan	nnel Type Code As CH 0			Set to [Power	On Value]	Set to [Safe Value	e]		
Read AO										
Read Power On Value										
Read Safe Value										
Exit Save configurations to the file										

步驟 2: 存檔時可以補充備註並建立專案的資料夾即完成模組設定檔案備存工作。

Comments of the Configured File	<b>•</b>
Date Time = 11/27/2019 Description = 87028U for APP1	
Save As	Cancel



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步驟 3: 資料回存到模組只需將新模組插回原先的槽位,並打開"Auto Configuration For Backplane I-87K I/O"工具項,"Load" 載入之前備存的檔案就能將之前備存的設定還原 寫入模組。

to Configuration For	Backplane I-87K I/	0	
to Configuration Con	nmands Log About		
Restore I/O	Slot	Configured Status	Scaned I/O
Load	Slot:1	-	Empty
Load	Slot:2	-	Empty
Load	Slot:3	-	87017
Load	Slot:4	-	87054
Load	Slot:5	-	87028U
Load	Slot:6	-	87017D
Load	Slot:7	-	Empty
Exit	Set Auto (	Configuration INI Path	
ICPDAS\DCON_Utility_	Pro_PC\auto_Config	N	
pen			
· · · · · · · · · · · · · · · · · · · ·	config 🕨 APP1	🗸 😽 Search APP1	٩
Organize 🔻 New f	older	8==	• 🔳 🔞
🚖 Favorites	Name	^ Date modifie	d Type
🧮 Desktop	S5_87028U	11/27/2019 1	1:06 Configura
鰔 Downloads 🗐 Recent Places	S6_87017D	11/27/2019 1	0:00 Configura
词 Libraries			

MusicPicturesVideos

Computer Computer OS (C:) Temp (T:)

+ + [

File name: S5\_87028U

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✓ INI Files (\*.ini)

Open

-

Cancel

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						L				
Auto Configuratio	on For Backplane I-87K I/O Commands Log About				<b>X</b>					
Restore I/	Restore I/O Slot Configured Status Scaned I/O									
Load	Slot:1		-		Empty					
Load	Slot:2		-		Empty					
Load	Slot:3		-		87017					
Load	Slot:4		-		87054					
Load	Slot:5	[0]	ОК		87028U					
Load	Slot:6		-		87017D					
Load	Slot:7		-		Empty					
Exit	Set Auto Con	figuration	INI Path							
12:36 AM :: Slot_5_0	Cmd_91_@00BBFF[ @00BBFF ]	; [ !00 ]; [ 2 ms]==	>OK							
如果有發生	設定失敗的情況如	下圖		H						
Auto Configurati	ion For Backplane I-87K I/O					<b>-X</b>				
Destore 1	Commands Log About	Config	urod Status		Scanod I/	0				
Load	Slot:1	comg	-		Empty	•				
Load	Slot:2		-		Empty					
Load			-		87017					
Load	Slot:4		-		87054					
Load	Slot:5	Slot:5 [5] Set configuration failed 87028U								
Load	Slot:6	Slot:6 - 87017D								
Load	Slot:7	Slot:7 - Empty								
Exit	Set Auto C	onfigurati	on INI Path							
10:42 PM :: Slot 5	_Cmd_90_~001[ ~001 ]; [ !00	]; [ 1 ms]==>OK								
						444				

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