

當使用 DCON Utility Pro 搜尋 PAC 主機插槽上的模組,包含串列通訊的 I-8K (並列通訊 I/O) 及 I-87K(串列通訊 I/O)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。

Classification	DCON Utility Pro F	AQ				No.	DCON_01_003
Author	Martin	Version	1.0.1	Date	2020/12/23	Page	2/2
備份 I-87K 步驟1:搜 成專案目錄	模塊的配置 尋底板 I / 0 模塊 :夾中,如 所述	,配置完 。	I-87K 模塊後	炎 ,我们	門可以將所有	I-87K	I / 0 設置存
DCON Utility P		9 🗂 🔚	FAQ				
 □ COM1:Backple □ 87082:51 □ 87013:53 □ 8050:55: □ 8046:56: □ 8014:57: 	ane:** ID Ad :A:0:N81:0 87082 Si :A:0:N81:0 87013 Si :A:0:N81:0 87013 Si :A:0:N81:0 87028U Si :-:-API 8050 Si :-:-API 8046 Si 8014 Si	Baud Rate Aut 0t1 115200 0t3 115200 0t4 115200 0t5 - 0t6 - 0t7 -	Checksum Format Statu Disabled N,8,1 Slot I Disabled N,8,1 Slot I Disabled N,8,1 Slot I - - Slot I	s D /0 [[/0 [[/0 [] /0 [] /0 [] /0 []	escription CCON[2*Counter/Frequency + 2*D CCON[3*AI (RTD) CCON[3*A0 (V) PI]16*Uniwersal Digital I/O PI]16*U1 PI]16*U1 PI]16*AI (mA,mV,V)	Comme O Suppor Suppor Suppor Suppor Suppor	ents ted ted ted ted ted ted
	87028U Firmware[A201] Configuration AO Protocol (INIT*) DCON Address 0 Baud Rate (INIT*) INSE	DT Commands Log Summa	ry About				
	Checksum (INIT*) Disabl Analog Format 2's Cor	ed					
Wait for loadir	Clear Ig 87028U Ext				Set Module Configuration	8	

注意:將搜索到的串行 I / 0 設置保存到路徑 search \ project \文件夾時,它還將同時將 另一個副本保存到 auto_config \文件夾中,然後我們可以使用此文件來還原 I-87K I / 0 配置 。

₹ ► 11	8	CMD	I	1			FAQ				
COM1:Backplane:*	1	D	Address	Baud Rate	Checksum	Format	Status		Descripti	ion	Commer
	8	37082 37013 3702811	Slot1 Slot3	115200 115200 115200	Disabled Disabled Disabled	N,8,1 N,8,1	Slot I/O Slot I/O Slot I/O		[DCON]2 [DCON]4 [DCON]8	2*Counter/Frequency + 2*DO 4*AI (RTD) 8*AO (V)	Support Support
8046:S6:-:-:-API 8014:S7:-:-:API	8	3050 3046	Slot5 Slot6	-	-	-	Slot I/O Slot I/O		[API]16" [API]16"	*Universal Digital I/O *DI	Support
ſ	8014 Slot7					-	SIOT I/O		16**AI (MA,MV,V)	Supporte	
	Organize 🔻	✓ search ▶ New folded	project 🕨	application_1	• •	↓ Sear	ch application_1	•	م •		
	Downloa	ids *	Name Config			Dat	e modified	Туре			
	Mecent P	laces				11/	11/1/2020 10:46 PM File fo		lder		
	 Libraries Docume Music Pictures Videos 	nts ≣									
	Computer Solution OS (C:) Temp (Temp (Temp))	;)	•						•		
Clear	File <u>n</u> a	ame: applio	ation_1						-		
	Save as t	vpe:							-		

ICP DAS Co., Ltd. Technical document

Classification	DCON Utility Pro F	No.	DCON_01_003						
Author	Martin	Version	1.0.1	Date	2020/12/23	Page	3/2		
從專案檔案 步驟一、 黑	·恢復 I-87K 設置。 點選 ■ DCON Util.,	ћ "Resto	re For Bacl	xplane	I-87K I/0"	的工具	具程式畫面。		
	COM1:Backplane:* ID Address Baud Rate Checksum Format Status Description Restore For Backplane L47K LVO Restore Configuration Details of 1/0 Setting Configured Result Commands Log About Scaned I/O Slot Configured Status Setting details 87082 Slot:1 - Show Restore Slot:2 - Show Restore 87013 Slot:3 - Show Restore 87028U Slot:4 - Show Restore 8050 Slot:5 Parallel I/O. No need to configure Show Restore 8046 Slot:6 Parallel I/O. No need to configure Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O Sone and to configure Show Restore								
	Exit T:\Temp\pCON_Utility_Pro_PC	Lo \auto_config\	oad configured INI file						

注意:由於 I-8K 模塊是由 SDK 在程序中配置的,因此它們沒有任何命令。

步驟 2:從 auto_config \文件夾中載入先前由"Save Project" 功能儲存的底板模組設定 文件

	- ,		
Organize 🔻 New folder		• ==	
🔆 Favorites 📩 Name		Date modified	Туре
📃 Desktop	ofic	11/1/2020 10:46 PM	File folder
📕 Downloads 🛛 🖉 ap	plication_1	11/2/2020 6:20 PM	Configuratio
💯 Recent Places 📃 rea	dme	9/23/2013 5:23 PM	Text Docum
S4_	87028U	11/2/2020 11:05 PM	Configuratio
Documents Music Pictures Videos Computer Computer Computer Temp (T:)			
			- F
·····			

Classificatio	on	DCON Utili	y Pro F	No.	DCON_01_003						
Author		Martin		Version	1.0.1	0.1 Date 2020/12/23			4/2		
步驟 3: 成啟用狀 點擊"Sł 點擊"Re	步驟 3:載入專案設定文件後,如果配置正確,原本禁用的"Show"和"Restore"功能會變成啟用狀態。 點擊"Show"可以查看 I / 0 設置的詳細信息。 點擊"Restore"將 I / 0 模塊的配置還原成專案檔的設定內容。										
Resto	re For I	Backplane I-87K I/O							×		
Rest	tore C	onfiguration Deta	ls of I/O Set	tting Configured	Result Commands	Log About					
Sca	aned	I/O Slo	ot	Configure	d Status	Setti	ing details				
87	7082	Slot:	1	-			Show	Restor	e		
		Slot:	2	85			Show	Restor	e		
87	7013	Slot:	3	-			Show	Restor	e		
87	7028	U Slot:	4	-			Show	Restor	e		
80	050	Slot:	5 Para	allel I/O. No n	eed to configure		Show	Restor	e		
80	046	Slot:	6 Para	allel I/O. No n	eed to configure		Show	Restor	e		
80	014	Slot:	7 Para	allel I/O. No n	eed to configure		Show	Restor	e		
Resto	re For I	Backplane I-87K I/O		-					×		
Rest	tore C	onfiguration Deta	ls of I/O Set	Configured	Result Commands	Log About					
INPL LOW HIG	UT_MC V_TRIC H_TRI	TT[51h] CC[0Ah] FF[00h]C DDE = CH:0 Non-Is GGER_LEVEL = 0.8 GGER_LEVEL = 2.4	Frequency Baud rate 11 Checksum Dis Clated, CH:1 V V	5200 Format Na sabled . Non-Isolated	31						
	Deel										
Restore	e Confi	guration Details of	I/O Setting	Configured Resul	t Commands Log At	out					
Scane	ed I/O) Slot	(Configured Sta	tus	Setting deta	ails				
8708	82	Slot:1		ОК		Show	w Rest	ore			
		Slot:2		-		Show	Rest	ore			
8701	13	Slot:3		ОК		Show	N Rest	ore			
8702	28U	Slot:4		ОК		Show	w Rest	ore			
8050	0	Slot:5	Parallel 1	I/O. No need t	o configure	Show	Rest	ore			
8046	6	Slot:6	Parallel i	I/O. No need t	o configure	Show	N Rest	ore			
8014	4	Slot:7	Parallel 1	I/O. No need t	o configure	Show	Rest	ore			
Scar	n bac	cplane I/O									
F	=xit		Lo:	ad configured INT	file						
TilTom-ID		tility Pro PC Suite and	ial	ce configured 141							
T:\Temp\D	CON_U	unity_Pro_PC (auto_cont	ig\								
					Itd Techni	cal doci	iment				

Classification	DCON Utility Pro F	DCON Utility Pro FAQ No. D									
Author	Martin/Anna	Version	1.0.0	Date 2019/08/13		8/13 Page		5/2			
如果使用舊 也可以使用 註:舊版 i	如果使用舊版本的 DCON Utility Pro (版本低於 V4.0.0.1)保存了舊的配置的 ini 文件,它 也可以使用該文件來還原 I-87K 設置。 註: 舊版 ini 檔只針對單一模組,新版										
Restore For Backpla Restore Configur	ane I-87K I/O	Configured Resu	Ilt Commands Log	About				Image: Second se			
Scaned I/O	Slot (Configured Sta	atus	Settina	details						
87082	Slot:1	-			Show	R	estore				
	Slot:2	-			Show	R	estore				
87013	Slot:3	-			Show	R	estore				
87028U	Slot:4	-			Show	R	estore				
8050 Oper					511077		store				
8046	' ○ ⊃ 📕 « DCON_Utility_Pro	o_PC ▶ auto_cor	nfig 🕨 👻 🍫	Search a	uto_config	م	store				
8014 01	rganize 👻 New folder						store				
	Favorites ANAN	ne	^	Date m	odified	Туре	store				
Scan b	💻 Desktop 🔋	config		11/1/20	020 10:46 PM	File folder					
	Downloads	application_1		11/2/20	20 6:20 PM	Configuratio					
	Recent Places	54_87028U		11/2/20)20 11:05 PM	Configuratio					
Exit T:\Temp\DCO	 Documents = Music Pictures Videos 										
Restore For B	ackplane I-87K I/O										
Restore Co	nfiguration Details of I/O Settir	g Configured Re	esult Commands Log	About							
Scaned I	I/O Slot	Configured S	Status	Setting	details						
87082	Slot:1	-			Show	Re	store				
07040	Slot:2	-			Show	Re	store				
8/013	Slot:3	-			Show	Re	store				
870280	Slot:4	UK			Show	Re	store				
8030	Slot:5	-			how	Re	store				
8040	Slot:0	-			show	Re	store	J			
0014	5101.7				show	Re	store				
Scan ba	ackplane I/O										
Exit		Load configured I	NI file								
T:\Temp\DCON	_Utility_Pro_PC \auto_config \										
								-			
		ICP DAS Co	Ltd. Technic	cal docu	ment						

Author Martin/Anna Version 1.0.0 Date 2019/08/13 Page 6/2 可能會發生一些結果決態。 1. 先前存在的I/0 成另一回新的I/0 情後。 (请多阅案例插槽2) 3. 注前存在的I/0 被移除。 (请多阅案例插槽2) 3.< 先前存在的I/0 技移除。 (请多阅案例插槽3) Restore Enfloymention Details of VO Setting Configured Result Commands tog About. Scaned I/O Slot:1 87018 is not correct module[87082] Show Restore 87013 Slot:2 87013 module scanned in empty slot Show Restore Restore 87028U Slot:4 - Show Restore Restore 87017Z Slot:6 870172 is not correct module[8046] Show Restore Restore Scan backplane I/O Load configured Dit file	assification	DCON Utility Pro	FAQ				No.	DCON_002
可能會發生一些錯误狀意。 1. 先前存在的 I / 0 被另一個新的 I / 0 替換。 (請多関集例插槽 1 /插槽 6) 2. 空插槽插入一個新模塊。 (請多関案例插槽 2) 3. 先前存在的 I / 0 被移除。 (請多関案例插槽 3) Retirer For Biocylane 137X/0 Retirer For Biocylane 137X/0 Retirer Configured 137X 0 Retirer Configured 137X 10 Retirer Con	uthor	Martin/Anna	Version	1.0.0	Date	2019/08/13	Page	6/2
Retore For Backgnane 157K 100 Restore Configured Intervention Details of U/O Setting Configured Status Setting details 87018 Slot: 87018 is not correct module[87082] Show Restore 87013 Slot:2 87013 module scanned in empty slot Show Restore 870280 Slot:3 Can not find module 87013 Show Restore 870280 Slot:5 Parallel I/O. No need to configure Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O Static and configured BM file Show Restore Tr:Temp DCONLUMity_Pro_PC/Buck_config Load configured BM file Static and st	可能會 1. 先貢 2. 空打 3. 先貢	發生一些錯誤狀; 前存在的 I / 0 被 插槽插入一個新模 前存在的 I / 0 被	態。 :另一個新自 :塊。 (請 :移除。 (りⅠ/ 0 替換 參閲案例插ね 請參閲案例掲	。(曹 2) 臿槽 3)	青參閱案例插 槽	1 /插;	槽 6)
Scaned I/O Slot Configured Status Setting details 87018 Slot:1 87018 is not correct module[87082] Show Restore 87013 Slot:2 87013 module scanned in empty slot Show Restore 870280 Slot:4 - Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O Scan backplane I/O Restore Show Restore	Restore For I	Backplane I-87K I/O	Setting Config	red Result Comm	ands Log	About		×
Book of your sector Sector Book of your sector Restore 87018 Slot:1 87018 is not correct module[87082] Show Restore 87013 Slot:2 87013 module scanned in empty slot Show Restore 87028U Slot:4 - Show Restore 8050 Slot:5 Parallel I/O. No need to configure Show Restore 87017Z Slot:6 870172 is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O State Show Restore TriTemplocon_Utility_fro_PC/pute_config/	Scaned	I/O Slot	Config	ired Status		Setting details		
87013 Slot:2 87013 module scanned in empty slot Show Restore Slot:3 Can not find module 87013 Show Restore 87028U Slot:4 - Show Restore 8050 Slot:5 Parallel I/O. No need to configure Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O Status Restore Show Restore Ext Load configured INI file TriTemp/pcont_Utity_Pro_PClysite_config/	87018	Slot:1 8	7018 is not co	rrect module[87	082]	Show	F	Restore
Slot:3 Can not find module 87013 Show Restore 87028U Slot:4 - Show Restore 8050 Slot:5 Parallel I/O. No need to configure Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O	87013	Slot:2 87	013 module s	canned in empt	/ slot	Show	F	Restore
87028U Slot:4 - Show Restore 8050 Slot:5 Parallel I/O. No need to configure Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O		Slot:3	Can not fin	d module 87013		Show		Restore
8050 Slot:5 Parallel I/O. No need to configure Show Restore 87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O Ext Load configured INI file T:Temp/DCON_Utility_Pro_PC/publo_config/	87028	U Slot:4		_		Show		Restore
87017Z Slot:6 87017Z is not correct module[8046] Show Restore 8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O	8050	Slot:5	Parallel I/O. N	o need to confic	ure	Show		Restore
8014 Slot:7 Parallel I/O. No need to configure Show Restore Scan backplane I/O Exit Load configured INI file T:\Temp\pCON_Utility_Pro_PC\puto_confg\	87017	Z Slot:6 8	7017Z is not c	orrect module[8	046]	Show		Restore
Scan backplane I/O Exit Load configured INI file T:\Temp\pCONLUtility_Pro_PC\auto_config\	8014	Slot:7	Parallel I/O. N	o need to confic	ure	Show		Restore
T:\Temp\DCON_Utility_Pro_PC\auto_config\	Exit		Load confi	gured INI file				
	T:\Temp\DCO	N Utility Pro PC\auto config\						