

## Advantech AE Technical Share Document

Date	2015 / 04 / 08	SR#	1-2040575942			
Category	■ FAQ □ SOP Related OS ROM-DOS					
Abstract	How to use SIM5KE to configure ADAM-5510 IO modules					
Keyword	ADAM-5510, simu5ke, IO configuration					
Related	ADAM-5510M, ADAM-5510E					
Product	ADAM-5510/TCP, ADAM-5510E/TCP					

## [Problem]

If you want to configure ADAM-5510 IO modules as ADAM-5000, you can use the SIM5KE to configure IO modules and monitor IO data

## [Solution]

**Step 1**: Using ADAM/APAX .NET utility to connect PROG COM of ADAM-5510 series



Note: PROG COM is a reserved debug/programming port for maintenance purpose.



Step 2: Connect INIT pin to power GND pin and then reboot ADAM-5510 series



Step 3: Using "Launch terminal" to check the system is under "Initial Mode".



**Step 4**: Close "Launch terminal" and refresh folder first than click "Simulation 5000" to download "SIMU5KE.exe" to ADAM-5510 series.

refresh	ADAM-Controller			
1 2 5 2 4				
	Simulation	5000		
Name	Size	Туре	Modified	
CONF		檔案資料夾	2015/3/	
WEBROOT		檔案資料夾	2015/3/	
autorun.bat	1 KB	Windows	2015/3/	
T AX8796.COM	13 KB	MS-DOS	2015/3/	
CFGIO.EXE	42 KB	應用程式	2015/3/	
SOCKETP.EXE	48 KB	應用程式	2015/3/	



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Transferring	C:\Program Files (x86)\Advantech\AdamApax.NET Utility
File count	1/1
Progress	

Step 5: Set DIP SW6 as "ON" and DIP SW1 to SW5 as "OFF"

DIP	SW6
ON	COM1/RS-232

ID Address = 0

DIP	SW1	SW2	SW3	SW4	SW5
OFF	0	0	0	0	0

Note: IF you use a new version of "SIMU5KE.EXE" above 1.21, please let the SW6 to SW8 be "ON".

**Step 6**: Connect Host PC (ex: COM2) to COM1/RS-232 on ADAM-5510 series by null modem cable and execute the "SIMU5KE.exe".





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Tester	RAM 512KBH0123456
Startin	g ROM-DOS
CardTri	ck v3.01.00
Copyrig	ht (c) 1993-1996, Datalight Inc.
Datalig	ht Patent Pending
Resider	t Flash (RFA) OEM Layer
Drive (a	
789	
C:\>ECH	IO OFF
Running	Mode
Packet	Driver of ADAM5510/TCP Fast Ethernet Adapter, ver 1.4
(C) Cor	wright 2003 Advantech Electronics Corp. 111 Right Reserved
System	80188/80186 processor, ISA bus
Packet	driver software interrupt is 0x60 (196)
My Ethe	rnet address is 00:D0:C9:A6:DF:A4
Datalio	ht Sockets v6.22/v7.10 (Revision 4.11.1525)
Copyrig	ht (c) 1989-2003 Datalight, Inc.
Portion	s copyright (c) GPvNO 2003
Compile	d Apr 13 2004 (4.11.1525)
Process	ing D:\CONF\socket.cfg
if0: Pa	cket driver at 0x60 using h/w int 7
Unknown	host: 0
Hostnam	e: 10.0.0.1
if0: 1	0.0.0.1 Net mask: 255.0.0.0
D:\>sim	u5ke
LITTOWAT	e version = Ver A322 B01
Current	Communication Port: COM1
Baudrat	e 9600 bps

**Step 7**: Search Host PC COM2 device than you can find the ADAM-5000 simulation device and configure it as ADAM-5000 TCP utility.

Advantech Adam/Apax .NET Utility (Win32)	Version 2.05.03 (B02)						
File Tools Setup Help							
🕒 🔜 🤏 📽 🖋 🐌 🕨 🖤							
COM1	Setting					1	
5000E(01h)	Port:	COM2					
172.18.2.2 192.168.229.1	Baudrate:	9600	•				
- 92.168.244.1 Others	Parity:	None	•				
ADAM4500_5510Series	Databits:	8					
COM2 COM3	Stopbits:	1	•		1		
	Timeout:	1000	÷ ms	Default	OM2	_	
	Scan interval:	1000	-	oudle nom c	01112		
			Starting	address:	0		Start
			Scannin	ig address:	0A	(HEX)	Cancel
					10	(DEC)	
				_	_	-	



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