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How to set up the I-7560U on WinPAC/ViewPAC

Appli	es to:		
	Platform	OS Version	PAC Utility Version
	WinPAC	All Versions	All Versions
	ViewPAC	All Versions	All Versions

About I-7560U:

I-7560U is a USB-RS232 converter, it features a full set of RS-232 modem data and control signals (TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, and GND) on its PC compatible DB9 male connector and also provides a high-speed 115.2 Kb/s transmission rate. No external power supply is required as I-7560U takes its power from the USB bus.



Application:

USB Interface

NOTE: 1-7560: USB-to-RS232 Converter

ICP DAS Co., Ltd. Technical document



To set the I-7560U

Step 1: Install the device driver.

1.1. Download the driver file "FT231X_WinCE70_ARM_v11020.CAB" from http://ftp.icpdas.com/pub/cd/winpac_am335x/wp-5231/system_disk/external_device_driver/i-756x_wince70_driver/ by Internet.

1.2. Double click the driver file "PL2303_WinCE50_ARM_v1009.CAB" and click "OK".

	Install Prolif 🏂 📂 💦 OK 🗙	æ
Install	🔍 \Windows	
) Instal	C AppMgr C Help C Desktop C Programs Favorites C Recent	
	Conts Conts	_
	<u>N</u> ame: (Install Here)	
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Step 2: Reboot your WinPAC.

- 2.1. Start the PAC utility on the desktop and click "File" \rightarrow "Reboot".
- 2.2. Click the "Yes" button and wait for the device to reboot.

File Help	
Save	
Save and Rebuilt	
Reboot	
	warning !
Restore Utility Default Settings E <u>x</u> it	Are you sure to reboot this device ?

Step 3: Get the COM port name and use it in your application.

3.1. Double click the RegEdit icon on desktop.

0 My Device	a skmgr				
Internet Explorer	PAC_Utility				
Microsoft WordPad					
My Documents					
dcon_utilit					
<mark>%e</mark> vcep					
isqlw35		1			
RegEdit					
灯 Start 🛛	Virtual CE	CI-756x_WinCE70_driver	gragistry Editor Version [1.2	🕹 🗶 💽 6:26 AM [🙆 🏥	

3.2. Go to HKEY_LOCAL_MACHINE \rightarrow Drivers \rightarrow Active and click the Max number of sub key(The value of "key" is "Drivers\USBSER"), the name is displayed in right hand window.

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3.3. Fill the name in your program based on serial communication to control the device connected to I-7560U.



Example of Connecting with PC

Step 1: Connect the USB port of your WinPAC with I-7560U, and connect the RS-232 connecter to your PC. The RS-232 connecters on both I-7560U and PC are DTE compatible, a null modem is needed to connect the I-7520 and PC.



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0/ 0 5							
Step 3: Exe	cute Send I O	COM.exe	on WinPAC	/ViewPAC	from the		
\System_Disk	\Tools\SendTo	COM" folo	ler.				
File Edit Vi	ew Go						
Address State	m_Disk\Tock\SendToCO	м					
ICPDAS S	end to COM V1.0.2	2009/06/15				×	
Connection COM Por	Status 't Baudrate Da	ta Bit Parity	Stop Bit	[Open		
COM1	115200 🗸 8	0-None Parit	y 🔽 1 💌	[Close		
End string				string Binary () Strir	Send Polling		
Commands Current Pac	ket Size (bytes)	Responses Current Packet Size (I	oytes)	Auto send Inter	nal (ms) 500		
Total Packet Packet Qua	: Bytes 0 1	Total Packet Bytes Packet Quantity recei	ved 0	Start Time Start T	Stop Set		
		1	Clear	Stop Time Stop Ti	me		
		<u>^</u>			<u> </u>		

Step 4: Select the COM port number that the I-7560U driver created and press the "**Open**" button.

(COM3/4/5/)	ICPDAS Send Connection Stat COM Port COM3 COM1 COM0 COM3 MSA1 MSA2 MSA3 MSA4 MSA5 MSA4 MSA5 MSA6 MSB1 MSB2 MSB1 MSB2 MSB3 MSB4 MSB5 MSB4 MSB5 MSB4 MSB5 MSB4 MSB5 MSB6 MSB6 MSB7	i to COM VI.D. Baudrate 115200 V ize (bytes) 0 0 1. Select name that the I-756	2 2009/00	Parity None Parity ✓ CR O CR_LF cket Size (bytes) et Bytes antity received VI Port d by Γ.	Stop Bit 1 V C LF 0 0 Clear	2 Binary Auto se Start Time Stop Time	Ope Clos String Send nd Internal (ms) tart Stop Start Time Stop Time	en +CRC H Polling 500 Set	
		(COM3/4	4/5/)		_	_		Clasr	
			ICP D	OAS Co., Ltd	l. Technie	cal docu	ment		

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Step 5: Copy "SendToCOM.exe" to PC and run it.

網址①	D ≧ J.ksystem_disk/Tools/Send ToCOM K及資料夾工作 ② readme.bt 次学文件 1 KB Send ToCOM.exe Send ToCOM	
	ICPDAS Send to COM V1.0.2 2009/06/15 Connection Status COM Port Baudrate Data Bit Parity Stop Bit Open COM1 Image: 115200 Image: 2009/06/15 Commands Current Packet Size (Dytes) Current Packet Size (Dytes) Current Packet Size (Dytes) Current Packet Bytes Curre	2
## 	Clear	

Step 6: Select the COM Port on the PC used to connect to I-7560U and click "Open".

Connection Status	to COM ¥1.0.2	2009/06/15		Open	×
COM POR	Baudrate [oata Bit Parity ▼ 0-None Parity ▼	Stop Bit		
End string with			CLE	2 	
Commands	1)	Responses		C Binary C Strin Send Pollin	
Current Packet Size	(bytes)	Current Packet Size (bytes)	0	Auto send Internal (ms) 500	
Total Packet Bytes	0	Total Packet Bγtes	0	Start Stop Set	
Packet Quantity sen	d 0	Packet Quantity received	0	Start Time Start Time	
			Clear	Stop Time Stop Time	
		X		Clear	
		ICP DAS C	o., Ltd.	Technical document	

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Step 7: Send message from PC to WinPAC.

ICPDAS Send to COM	4 V 1.0.2	2009/06/15		
Connection Status COM Port Baudra COM1 115200	ate	1. Enter the messages.	Stop I	Bit Open
End string with None			LF	hellow winpac
Commands Current Packet Size (bytes)	13	Responses Current Packet Size (bytes) 0	Auto send Internal (15) 500
Total Packet Bytes	67	Total Packet Bytes	0	
Packet Quantity send	10	Packet Quantity received	0 Clear	Start Time Start Ti
hellow winpac				2. Press "Send" button.
				Clear

Step 8: Check the message received on WinPAC.

COM Port COM3 I 11 COM3 I 11	Baudrate (15200 💽 🏾 🕅	Data Bit F D-None CR CR	Parity Parity v	Stop Bit	3	Open Close Close Close Close	
ommands urrent Packet Size (otal Packet Bytes acket Quantity send	bytes) 0 0 d 0	Responses Current Packet S Total Packet Byte Packet Quantity	ize (bytes) 13 es 52 received 11	All Start lear Stop	Sinary () String () uto send Internal () Start St Time Start Time Time Stop Time	Send Polling ms) 500 op Set	
	The m receiv	nessages red.		п фас			
						Clear	