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

Appli	es to:		
	Platform	OS version	WinPAC/ViewPAC utility version
	WP-8x3x/ WP-8x4x	All versions	All versions
	WP-5000	All versions	All versions
	VP-23W1/ VP-25W1	All versions	All versions
	VP-4131	All versions	All versions

About I-7560:

I-7560 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-7560 takes its power from the USB bus.





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Block Diagram.



To set the I-7560

Step 1: Install the device driver.

1.1. Download the driver file "PL2303_WinCE50_ARM_v1009.CAB" from

http://www.prolific.com.tw/eng/downloads.asp?ID=31 to WinPAC/ViewPAC.



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



1.3. Copy the "USBSER.dll" from "\Windows" to "\System_Disk\ICPDAS\System".



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Step 2: Save and Reboot your WinPAC.

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



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

3.1. Double click the RegView icon on desktop.



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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.

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



Example of Connecting with PC

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



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Step 2: Install the driver and get the COM port name.

Step 3: Execute SendTOCOM.exe on WinPAC/ViewPAC from the

"\System_Disk\Tools\SendToCOM" folder.

<u>Eile Edit View G</u> o	
Address VStatem_DiskVroakVSendToCOM	
README SendToC	
ICDDAS Cond to CON VI 0.2, 2000/06/15	
REPORT Sand to COPI VILLOR 2009/00/15	
Connection Status	Open
COM1 VI 115200 V 8 V 0-None Parity V 1	Close
End string with None LF_CR CR CR_LF LF	string +CRC
Commands Personser	Binary String Send Polling
Current Packet Size (bytes)	Auto send Internal (ms) 500
Total Packet Bytes 0 Total Packet Bytes 0	Start Stop Set
Packet Quantity send 0 Packet Quantity received 0	The Charter Time
	ten Time Stop Time

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

Connection Statu COM Port COM3 COM1 COM0 COM2 COM2 COM3 COM2 COM3	to COM V1.0.2 2009/06/15
GMSA2 MSA3 MSA4 MSA5 MSA6 MSA7 MSA8 MSB1 MSB2 MSB3 MSB4 MSB5 MSB6 MSB7 MSB8	Image: constraint of the constraint
	ICP DAS Co. Ltd. Technical document

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

網址①	◎ ▷ J:system_disk/Tools/Send ToCOM 家友資料夾工作 C Preadme bot 第2週間檔案重新命名 ISB Send ToCOM.exe	
≦ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	ICPDAS Send to COM Y1.0.2 2009/06/15 Connection Status Open COM Port Baudrate Data Bit Parity Stop Bit Close COM / 1 115200 8 0-None Parity 1 Close End string with • None LF_CR CR CR_LF LF String ✓ +CRC • Commands • Current Packet Size (bytes) • Binary • Strin Send Pollin	
	Total Packet Bytes 0 Total Packet Bytes 0 Start Stop Start Packet Quantity send 0 Packet Quantity received 0 Start Stop Start Stop Time Stop Time Stop Time Stop Time Stop Time	
 ₽		
	Clear	

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

End string with Commands Current Packet Size (By		CR CR CR_LF CLF Responses Current Packet Size (bytes)	Sunng ♥ +CRC ♥ Binary ● Strin Send Polin Auto send Internal (ms) 500
otal Packet Bytes Packet Quantity send	0	Total Packet Bytes 0 Packet Quantity received 0	Start Stop Set
		Clear	Stop Time Stop Time
			Clear

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Step 7: Send message from PC to WinPAC.

🛃 ICPDAS Send to COb	4 ¥1.0.2 2009/06/15	
Connection Status COM Port Baudra COM1 115200	1. Enter the messages.	Stop Bit Close
End string with 💿 None		C LF hellow winpac
Commands Current Packet Size (bytes) Total Packet Bytes Packet Quantity send	Responses 13 Current Packet Size (bytes 67 Total Packet Bytes 10 Packet Quantity received	Auto send Internal () 5) 500 C Start p Set d O Start Time Start Time
hellow winpac		Clear Stop Time Stop
		2. Press " Send " button.
		Clear

Step 8: Check the message received on WinPAC.

CPDAS Sent Connection Stal COM Port	d to COM tus Baudra 115200	V1.0.2	2009/ ata Bit	06/15 Parity 0-None Parity	/ 🔽	Stop	Bit	j		Oper Close	1	
End string with Commands Current Packet Fotal Packet Byl Packet Quantity	Size (bytes) tes y send		_CR (Respons Current Total Pa Packet (CR O ses Packet Size (t cket Bytes Quantity recei	CR_LF (vtes) 1 ved 1 hellow	Clear winpac	. F]]	String Binary Auto se Start Time Stop Time	String nd Interna tart Start Tim Stop Tim	Send al (ms) Stop ne e	+CRC Polling 500 Set	
The messages received.												
											Clear)
]	ICP DAS	S Co.	, Ltd	l. T	echnic	al doc	umer	nt	

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Revision History

Revision	Date	Description
1.0.1	2013/08/06	NEW: Added support information for WP-5000 series and VP- 4131
1.0.0	2010/02/12	Initial release