Classification Author	WinPAC Deve Tunglu-Yu	lopment FAQ Version 1.0.0	Date	2018/03/23	No. Page	5-014-00 1/5		
How to use the SMS function and get the GPS data								
Applies to:								
Platform WP-8x2x WP-9x2x WP-523x WP-224x VP-x231 VP-x201		OS version All versions		Do not matter with the utility.		<u>y version</u> utility.		
The 3G/4G mod To use the SMS Note: Before ins will not be able	dem allows the S function and stalling the SIM	e user to use the SM get the GPS data, p card, please cancel to function.	S function erform th the PIN log	n and get the o e following ste ck function of S	GPS data ps: SIM card;	a. otherwise you		
Demo program locate at: <u>http://ftp.icpdas.com/pub/cd/winpac_am335x/wp-5231/demo/3g_modem/3g_modem_sms_demo/</u> Demo program API manual locate at: <u>http://ftp.icpdas.com/pub/cd/winpac_am335x/wp-5231/demo/3g_modem/3g_modem_sms_demo/gsm_lib_manual_v1.0.1.pdf</u>								
How to use the SMS function Step 1: Copy the GSMceNetDemo.exe GSMceNet.dll GSMce.dll to the WinPAC and then execute GSMceNetDemo.exe Address Temp								
Step 2: Select the COM port to SMS message, and then clock the "Initialize Modem" button. Note: The "COM port" has COM1 < COM8 < COM9, but the COM9 usually used by GPRS network. At the same time, if the COM8 to be an SMS function, the GPRS network connection will have error happen. So, we suggested you to using the COM1.								
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Autioi	Tungiu-Tu	Version 1.0.0	Date	2010/03/23	i age	2/5
GSM ce.Net Den	no 2011/06/24	_				
Lib. Version : Lib. Date :	1.00 Apr 08 2011	Signal: C Register: n) T1 ot registed			
Modem status Modem port :	s : not initializ	Initial	ize Modem			
Number :	0975350330	Mode : UCS2 Mode	Status			
SMS contents :	Hello SMS					
			Send			
Number : Length : SMS	xx	Mode : UCS2 Time : xxxx/xx/x	×			
Contents :						
Step 3: Send t	he SMS mess	ade.				
Enter the phon	ne number and	the message in the	e <mark>SMS c</mark> onte	ents, click the	"Send" but	ton.
	1.00	Cianal				
Lib. Date :	Apr 08 2011	Register : N	lot registered			
Modem statu: Modem port	s : Initializing : 1	Initia	ize Modem			
Number :	0975350330		Status			
SMS contents :	Hetto SMG					
			Send			
Number :		Mode : UCS2				
Length : SMS	xx	Time : xxxx/xx/x	ox T			
Contents :						
			Technical da	oument		
			i cennicai uc	Junent		

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Receive the SMS message: Received SMS messages and phone numbers will appear here.								
Lib. Version : 1.00Signal : 19T1Lib. Date : Apr 08 2011Register : Not registered								
Modem status : Initializing Modem port : 1 Initialize Modem								
Number :	0975350330	Mode :	JCS2 Mode 💌	Status				
contents :	Heliu Simis			Send				
				Janu				
Number : [Length :	0933804123 xx	Mode : Time :	UCS2 xxxx/xx/xx					
Contents :	hele icpdas							
l								
Note : The CON The default "CC	/1,COM8,COM M port"(<mark>U</mark> RC	/19 both ca port) <mark>to re</mark>	an use to send ceive the SM	d the SI S mess	MS message. age is COM8	3.		
Use the AT com To check the UI	nmand: AT+Ql RC port now.	JRCCFG	?					
Use the AT com	nmand <mark>to chan</mark>	ge the U	RC port					
AT+QURCCFG	="urcport","ua	rt1"\r						
To COM8: AT+QURCCFG	="urcport","usl	oar"∖r						
To COM9:								
e.g.: Use the SendToCom.exe to change the URC port to COM1 1. Execute the SendToCOM.exe								
<u>File Edit View Go Favorites</u>								
COMNumberOfBackplane 306 bytes IN								
SendToCOM 41KB A								
				• • •				
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2. Enter the AT command: AT+QURCCFG="urcport","uart1 and then send the AT command out after open COM9.

ICPDAS Send to COM V1.0.5 2014/07/25
Connection Status Open
COM Port Baadrate Bate Bit Parity Stop Rit Slot
Commands Responses O Binary O String Send Polling
Current Packet Size (bytes) 29 Current Packet Size (bytes) Auto send Internal (ms) 500
Total Packet Bytes 784 Total Packet Bytes 1119 Start Stop Set
Packet Quantity send 57 Packet Quantity received 46 Start Time Start Time
Clear Stop Time Stop Time
AT+QURCCFG="urcport", "uart1"
Receive the GPS data
Step 1: Execute the GSMceNetDemo.exe
debua GSMce GSMceNet GSMceNetD
emo
Step 2: Select the COM port to recive the GPS data and SMS message, and then clock
the "Initialize Modem" button.
Note: The "COM port" has COM1 . COM8 . COM9, but the COM9 usually used by GPRS
network. At the same time, if the COM8 to be an SMS function and receive GPS data, the GPRS
network connection will have error happen. So, we suggested you to using the COM1.
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GSM ce.Net Den Lib. Version : Lib. Date : Modem status Modem port : SMS contents :	1.00 Apr 08 2011 :	Signal : Register : Init	0 1 not registed						
Number : Length : SMS Contents :	Number : Mode : UCS2 Length : xx Time : SMS Contents : Set GPS Data type Set GPS Data Get GPS Data								
Step 3: Click the "Set GPS Data type" button to select the GPS data type that will be received. ("GGA", "RMC", "GSA", "VTG", "GNS")									
Step 3: Click the "Get GPS Data" - show the GPS data now.									
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