## SW report #1: How to build GPRS connection

**Device: CTFPND-5** 

## 1. Registry setting modification:

STEP1: Move into folder "Device\Windows" and Execute "regedit.exe".



**STEP2:** Move into "**HKEY\_LOCAL\_MACHINE\Drivers\Unimodem**" by below operations:





**STEP 3:** Select "Init" and set key "2" to "**ATE0V1<cr>**".





## 2. Build GPRS connection

STEP1: Move into "Device\Control panel" and double click "Network and Dial-up Connection".



STEP2: Double click "Make New Connection"



**STEP3:** Setup a new connection by below procedures:

(1). Input the name of new connection and click the "Next" button.



(2). Click the "Configure..." button to setup the parameters of COM port.

Modem	×
GPRS	
Select a modem:	
Hayes Compatible on COM1:	-
<u>C</u> onfigure	
TCP/IP Settings Security Settings	•
< <u>B</u> ack <u>N</u> ext >	

(3).Set the port parameters as below:

Device Properties		? OK ×		
Port Settings Call Options				
		Connection Preferences		
<u>Manual Dial (user supplies dial</u> strings)		<u>B</u> aud Rate	57600 💌	
, Terminals		<u>D</u> ata Bits	8 💌	
- Use terminal window		<u>P</u> arity	None 🔽	
before dialing		<u>S</u> top Bits	1	
Use terminal window <u>a</u> fter		T P.02		
dialing		Elow Control	None	

(4).Change to the "Call options" page and input the "Extra settings" field. User need to confirm the value with your service provider. After setting the extra modem command, click the "OK" button, return to the "Modem" dialog shown at procedure (2) then click the "Next" button.

Device Properties ?	ок 🗙	
Port Settings Call Options		
Call Setup   ✓ Cancel the call if not connected within   120 seconds   ✓ Wait for dial tone before dialing   Wait for credit card tone   0 seconds		
Extra Settings (special modem commands may be inserted into the dial s +cgdcont=1, "ip"("internet"	string)	Please confirm this value with
		your service provider.

(5). Clear the "Country/region Code" and "Area code:". Input the "Phone number" of GPRS service. Please confirm this phone number with your service provider. After input phone number, click "Finish" button.



**STEP4:** Double click the connection you just built. Input the user name and password if necessary. Click the "Connect" button to build the GPRS connection.



**NOTE:** If the GPRS connection could not be built after finishing all steps above, please try following setting:

(1). Click "Dial Properties..." button`

D	ial-Up Connect	ion			×
	🛃 GPRS	i -			
	<u>U</u> ser Name: Password:		Phone: Dial from:	*99***1#	
	Domain:		Work	Dial Properties	
		Save password	Con	nect Cancel	

(2). Clear the "Country/region Code" and "Area code:". Click "Dialing Patterns..."

Dialing Properties	? OK ×
When dialing from: Work	▼ <u>N</u> ew <u>R</u> emove
Local settings are: The local <u>a</u> rea code is: The local <u>c</u> ountry/region code is:	Dialing Patterns
Dial using:	● <u>Tone</u> ● <u>P</u> ulse

(3).Change the values of all field to "G" as below pictures. After finish setting, click the "OK" button, return to the "Dial-Up Connection" dialog and then click "Connect" button to build GPRS connection.

Dialing Patterns 🛛 ? OK 🗙				
Edit the dialing pattern for each type of call to change how the phone is dialed.				
For Local calls dial:				
G				
For Long Distance calls dial:				
G				
For <u>I</u> nternational calls dial:				
G				
(E,e = Country/Region Code; F,f = Area Code; G,g = Number)				