# Installation GPS & GPRS (FleetPC-3)

#### Installation GPS :

COM-Port : 4, Baud-Rate : 4800

#### Installation GSM/GPRS modem :

COM-Port : 3, Baud-Rate : 115200

#### Tutorial for GSM/GPRS modem connection :

1. Open " Control Panel " from [Start] menu, select [Phone and Modem Options]



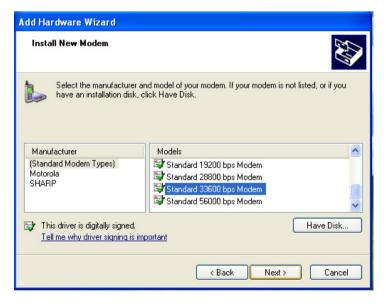
2. Click [Modem] Tag then click "Add " to add a new modem device.

Phone and Modern Options Dialing Rules Moderns Advan	() () ()
The following modern	
Modem	Attached To
→ HSP56 MR · ↓/130	COM5
	dd
	OK Cancel Apply

3. Click [Modem] Tag then click "Add " to add a new modem device.



4. Enable the checkbox let windows do not auto detect your modem device, then click "Next".



- 5. Set the Manufacturer in "Standard Modern Types", and model name is "Standard 33600bps Modern", then click "Next".
- When screen appear "Digital Signature Not Found", then select "Yes" button to continue the installation. (For Windows 2000 only)
- 6. Setting communication port in **Com 3** for GPRS/GSM use, then click "Next".

Add Hardware Wizard Install New Modem Select the port(s) you	want to install the modern on.	Ø
	You have selected the following modem Standard 33600 bps Modem To which pors dr you, want to install it? All purts Selected Joints COM4 COM8	
	< Back Vext>	Cancel

7. After step 5, it will back to "Phone and Modem options " setting page, Please select "Standard Modem...." and click "Properties" for further configuration.

Standard 3	3600 bps Mor	lem Properties	? ×
General M	n en Diagnosti	ox Advance I Dover	
ء 🛃	tandard 33600 pp	os Modem	
D	revice type.	Moderns	
N	lanu'acturei.	(Standard Modern Types)	
L	uudur.	Unknown	
- Jevice a	talue		_
lf ynu ai	vice is working pro e having hinhlans Troupleshooter.	soriy. s with this device, click Troubleenhorth	
		Ticubleshool	
Device usa	age:		
Lec :his c	cvice (enable)		~
		ר אר [.	ancel

 In "Standard 33600 bps Modem properties " setting page, please see " Advanced " page, to check if Extra Settings are correctly, ex: AT+CGDCONT=1,"IP","EMOME"

Annotation: EMOME is you GPRS service provider. If there has any confused, please contact with your GPRS service provider.

Extra Setting: Extra nitiaization.com at-corteont=1.''p'.''	
at-ogdcont=1,"p"."	'nterne''
	Change Default Freierences

#### 1.3 GSM Modem

**NOTE**: To take advantage of the wireless modem feature, the PCI-952 driver supplied with your computer must be installed (see the chapter 6 of the Operator's manual ).

Your computer can send and receive data via a mobile network using the GSM protocol.

To send or receive data over a GSM network, you must have an account with a service provider that supports GSM data services, and the service provider must enable the data features on your account.

### 1.3.1 Connecting GSM Modem

Before you can use the GSM modem connection, make sure that you have a subscription to the Circuit-Switched Data (CSD) network with your service provider and you have an account with your service provider or corporate network you are connecting to.

To connect to an ISP or dial in to a specific computer, you must configure a connection for that service on your computer.

#### 1.3.2 Setting GSM Modem

1. Select path:Start\Accessories\Communications\HyperTerminal



2. When Connection Description screen appear, then you key-in "your Name".

Connection Description	?×
New Connection	
Enter a name and choose an icon for the connection: Name:	
test	
<u>l</u> con:	
🏽 🚳 🧠 🧐 🚳	8
	>
OK Ca	incel

3. Select Connect port is "COM 3".

Connect To	? 🛛
🧞 test	
Enter details for	the phone number that you want to dial:
<u>C</u> ountry/region:	Taiwan (886) 💉
Ar <u>e</u> a code:	03
<u>P</u> hone number:	
Co <u>n</u> nect using:	СОМ4 💌
	OK Cancel

4. When **COM3** properties screen appear, then you select "None" and click "OK" button.

COM4 Properties	? 🛛
Port Settings	
<u>E</u> its per second:	2430
<u>D</u> ata bits:	8
<u>P</u> arity:	Ncne
<u>S</u> top bits:	1
Elow control:	Ncne
	<u>R</u> estoie Defaults
0	IK Carcel Apply

5. When Hyper Terminal screen appear, then you key-in your command. For example:

est - HyperTerminal Ble Edit Yew Call Trans		- )[= )[=
Ble Edit Yev Call Irans		
1. AT+GM 2. AT+ CS 3. AT+CM 0920xx 4. >TEST	GF=1 Æ Set message format to TEXT Mode CS="GSM Æ Set character set to GSM GS="0920xxxxxx"> Æ Send message to	
Corported 0:30:36 Au	deher Auto deher SCRCLL CAIS NUM Control Print othe	

# 1.4 GPRS Modem

Your computer can receive General Packet Radio Services (GPRS), a highspeed data-only service that transmits data over a mobile telephone network. In addition, GPRS provides permanent on-line connection. To use GPRS, you must have a subscription to the function with a service provider that supports GPRS.

## 1.4.1 Connecting GPRS Modem

To connect to a GPRS network, you must configure a connection for that service on your computer.

- 1.4.2 Setting Internet connection options for Windows 2000/Windows XP.
- To configure "Internet options " for Internet connection via GPRS. Open "Internet Properties" from " Control Panel ".
   Open " Connection " page then click " Add " to add a new connection. Click " Next " to next step.



	To set up	an Intern	net connec	tion, dick	Setup
	Setup.				
Dial-u	p and Virti	ual Private	Nelwork s	settings	1
					Add
					Remove
	se Setting: r for a cor		ed to conf	igure a proxy	Settings.
ÖD	ever dial a al whenev ways dial r	er a netwo	ork connec	ction is not presi n	enl
Curre	nt	None			Set Default
Local	Area Netv	verk (LAN)	settings		
	iettings da se Setting:			o connections. ettings.	LAN Settings

New Connection Wizard
Type of Connection         Select the type of the connection.
Oial-up to private network. Connect using my phone line (modem or ISDN).
Connect to a private network through the Internet. Create a Virtual Private Network (VPN) connection or tunnel through the internet.
Connect directly to another computer. Connect using my serial, parallel, or infrared port.
Connect to the network via broadband Connect through my broadband connection.
< Back Next > Cancel

3. In Phone number setting, type example: \*99# (Detail information please contact, then click "Next" to next step.



4. Type a name you want for this connection, after that, click "Finish" to save it in the Network Connection folder.



- 5. After step4, it will pop-up " Dial-up Connection Settings " automatically.
  - I. Please free to key in any words in "User Name" and p" Password "
  - II. Click "Properties" to configure "Dial-up Connection Properties "

e of manual settings,	n may override manual settings. To ensure the disable automatic configuration.
Automatically detect	and the second
Address	
oxy server	
	for this connection (These settings will not ections)
Use a proxy server I apply to other conne Address:	ections).
Address:	ections).
Address:	ections). Port: Advanced
Address; Address; Bypass proxy se al-up settings	ections). Port: Advanced
Address;	ections). Port: Advanced erver for local addresses

III. In "Dial-up Connection Properties "page, click "Configure", (For Windows 2000, then Windows XP select "Settings") make sure all of Hardware features were disabled.

Modem Configuration	? 🔀
Standard 33600 b	ps Modem (COM4)
Maximum speed (bps):	115200
Modem protocol	·
Hardware features Enable hardware flow Enable modem error c Enable modem compression	ontrol
Show terminal window	OK Cancel

 In "Dial-up Connection Properties ", please select "Networking "option setting, then make sure your Dial-up server type is [PPP: Win95/98/NT....] Click the "Setting" button to enter detail configuration setting. Make sure the "Software compression" feature has been disabled.

	RN14/2000 Etempt	
	Estin	×
ris to theorem they b	N N	
✓ The net P doc		_
	r Ehaling for thiolocolt Networks	
🖣 🧕 Client Io: Micro		
istal	Jeinstal Prove fies	_
Desception		
Frenamica on Chinho	ni i tribookiniemei Protocoli i be deteu potoboli tra, provides com misation	t.



PPP Settings	? 🗙
Enable LCP extensions Enable software compression Negotiate multi-link for single link connections OK Can	cel

7. In "Dial-up Connection Properties page, select "Internet Protocol [TCP/IP]", then click "Properties", "Advanced" button. To disabled PPP Link feature in **General** setting.

Advanced TCP/IP Settings
General DNS WINS
This checkbox only applies when you are connected to a local network and a dial-up network simultaneously. When checked, data that cannot be sent on the local network is forwarded to the dial-up network.
✓ Use default gateway on remote network
PPP link
Use IP header compression
OK Cancel