![SIMCom logo - A company of SIM Tech]

VL2000 Quick Start V1.02

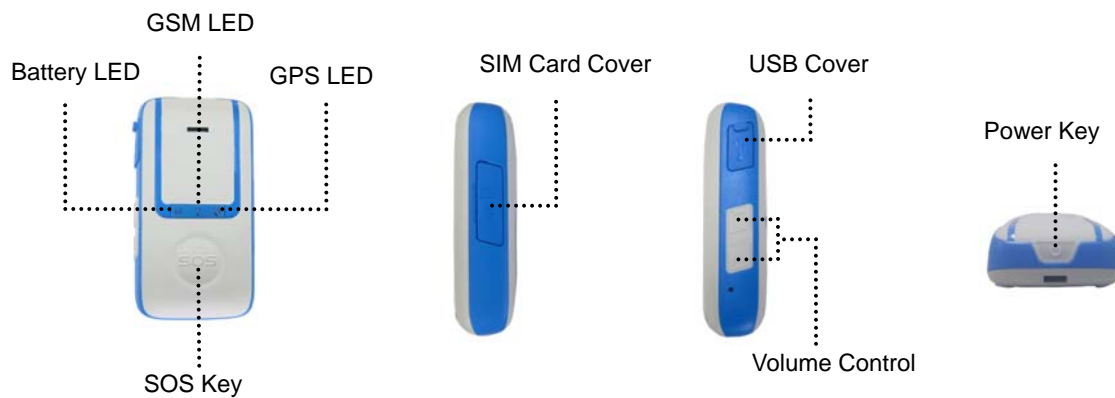**Part 1: Product Overview and Basic Operation**

1 **Part List**

VL2000	Data and Charge Cable	Charger

2 **Product Overview**

GSM LED

Battery LED   GPS LED

SIM Card Cover

USB Cover

Power Key

SOS Key

Volume Control

3 **Install SIM Card**

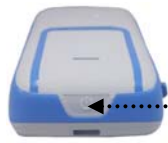Open SIM Card cover

Close SIM Card cover

Insert the SIM Card
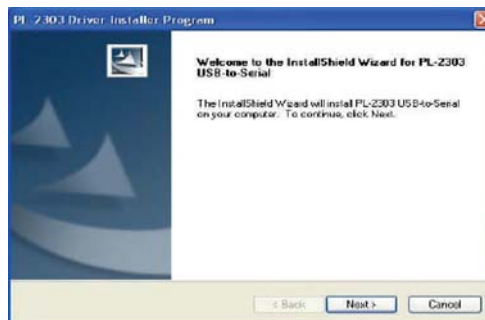
4 **Turn on VL2000**

Press the Power Key

5 **Install the Data Cable Driver**

Install the data cable driver "PL-2303 driver Installer.exe".

6 **Connect to PC**

Mini USB

USB

VL2000

Data and Charge Cable

PC

7 **Charge**

Mini USB

VL2000

Charger

Part 2: LED Light Indication

Light	Status	Event
GSM light		
	Fast flash (every 5 seconds)	Trying to connect to network
	Slow flash (every 10 seconds)	Locater connected
	Off	Power off or in super sleep mode
GPS light		
	Off	Normal
Battery light		
	Solid	Charging
	Flash	Low battery
All three lights		
	Solid	SOS alert

Part 3: VL2000 Tools Application

1 **VL2000 Manager Tool**

Run"VL2000 Manager.exe". Select the correct port number and input the right password (default password: vl2000). Press "OK", the main window will be shown as below. The settings will be read automatically.
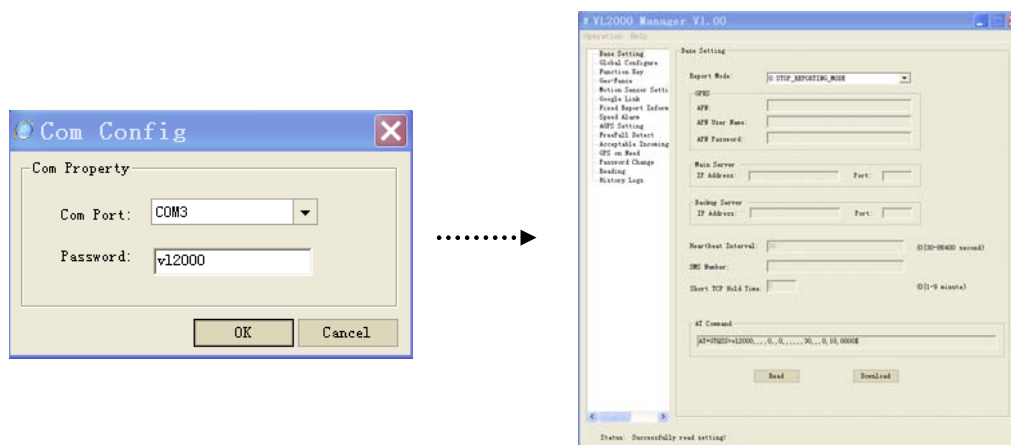
2 **Connect VL2000 to Server by GPRS**

Select the "Base Setting" option.

1. Choose the report mode first. Report mode "4:LONG_TCP_BUF_MODE" is recommended for connecting 2000 with a server via GPRS.
2. Get the "APN", "User Name" and "Password" information from your telecom operator. Input them in the corresponding fields.
3. Input the valid "IP address" and "port" of "Main Server" information, "Backup Server" is optional.

Report Mode: `4:LONG_TCP_BUF_MODE`

GPRS

APN: `cmnet`

User Name: `vl2000`

Password: `vl2000`

Main Server

IP Address: `111 . 111 . 111 . 111` Port: `111`

Backup Server

IP Address: `111 . 111 . 111 . 111` Port: `111`

3 Download to VL2000

After completing these settings, the corresponding AT command would be created on the "AT Command" column. Then press "Download" button to accomplish the setting.

AT Command

`AT+GTQSS=vl2000, cmnet, vl2000, vl2000, 4, , , 111.111.111.111, 111, 111.111.111.111, 111, , 3`

Read   Download

4 Exit

After accomplishing the operations with VL2000 by PC manager tools, please exit the tools first then plug out the cable from VL2000. Otherwise the power saving algorithm cannot work.

Example: Test VL2000 Google Link Function

After finishing APN setting, you can prepare a mobile phone to test Google Link function by following the steps below. Once your phone calls VL2000, you will get a SMS back which contains a web link leading to the current location of VL2000 and then you can click this link to check.

1 **Set White Number**

Select "Google Link" option; input your mobile number in "White List". Download it.
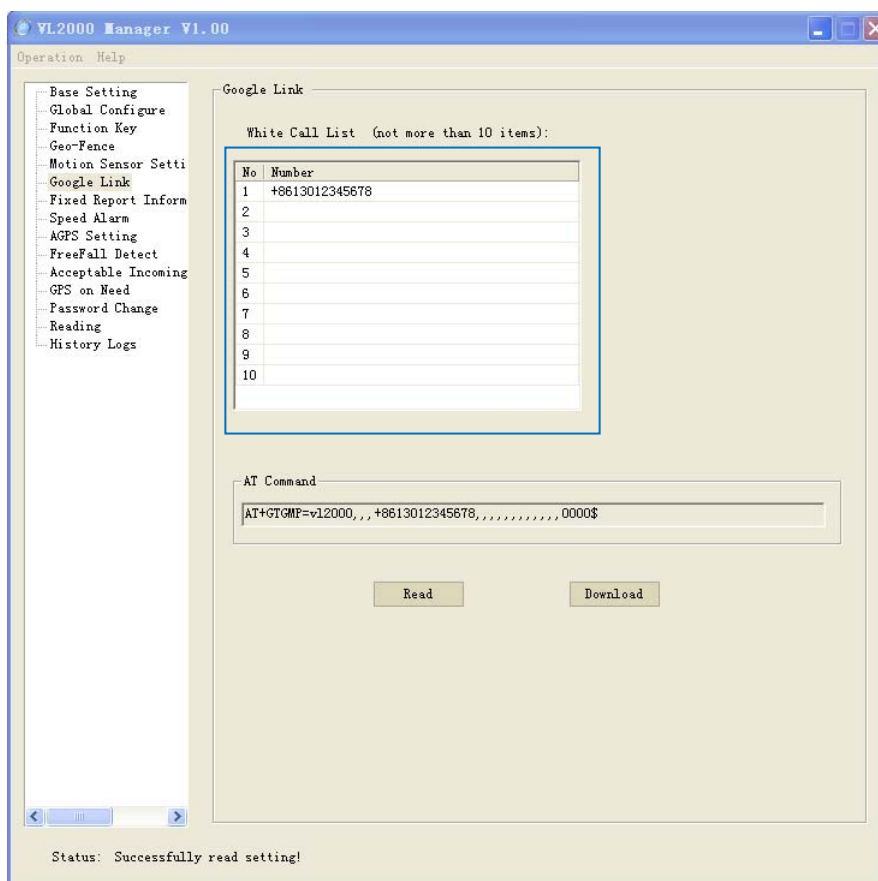
2 **Call VL2000**

VL2000 will reject the call from white number and this white number will receive a SMS that contains a Google Link.

Google Link example:
http://maps.google.com/?q=31.222038,121.354463
Means: VL2000 is located at east longitude 121.354463 degree, north latitude 31.222038 degree.

For other advanced functions refer to "VL2000 Manager Tool User Guide".

Contact us:

Shanghai SIMCom wireless solutions Ltd.

Address: Building A, SIM Technology Building, No. 633 Jinzhong Road, Shanghai,

P. R. China 200335

Tel: +86 21 3252 3300

Fax: +86 21 3252 3020

URL: www.sim.com/wm