



VL1000 Quick Start V1.04

Part 1: Product Overview and Basic Operation

1 Part List



VL1000



Data and Charge Cable



USB Power Adapter

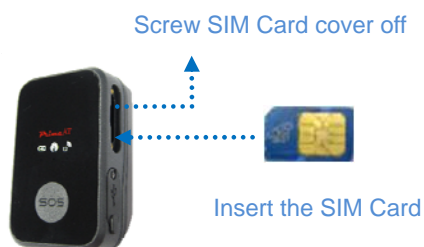


Vehicle Charger

2 Product Overview



3 Install SIM Card



4

Turn on VL1000

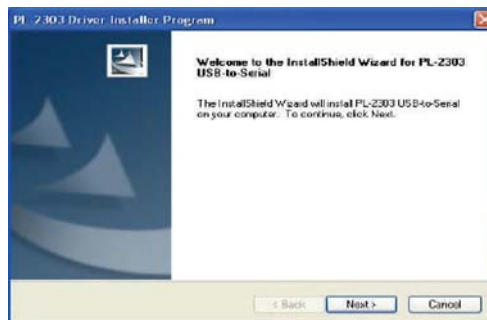


Press the Power Key

5

Install the Data Cable Driver

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



6

Connect to PC



Mini USB

VL1000



Data and Charge Cable

USB



PC

7

Charge



Mini USB

VL1000



Data and Charge Cable

USB

or



USB Power Adapter



Vehicle 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

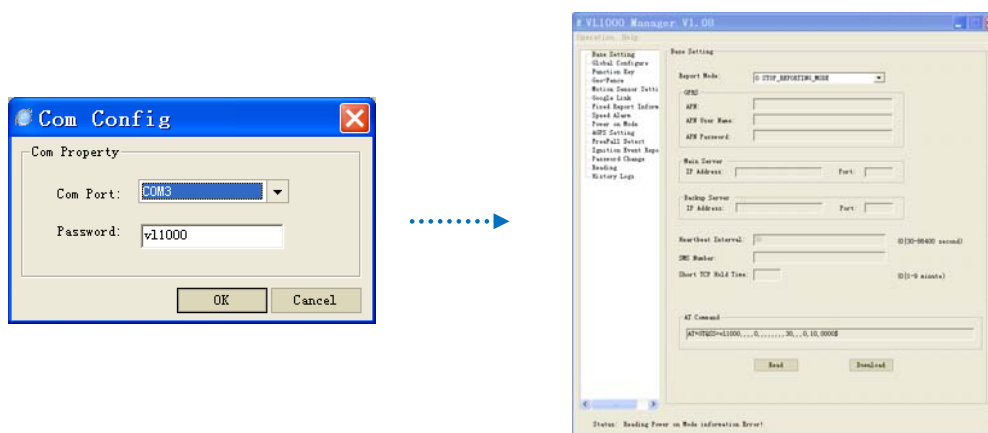
Note:

- (1) All three lights are on when SOS alert happens (SOS key is pressed for more than 2 seconds). Only when SOS alert is cleared by "AT+GTRTO" command with <Sub command> = "C" which is executed by backend server, the three lights could return to their normal state.
- (2) Both the battery light and GPS light are lightened, that means VL1000 is preparing to shut down by pressing the power key. VL1000 is completely shut down when all lights are off.

Part 3: VL1000 Tools Application

1 VL1000 Manager Tool

Run "VL1000 Manager.exe". Select the correct port number and input the right password (default password: vl1000). Press "OK", the main window will be shown as below. The settings will be read automatically.



2 Connect VL1000 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 1000 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.

The screenshot shows a configuration window with the following sections:

- Report Mode:** A dropdown menu set to "4:LONG_TCP_BUF_MODE".
- GPRS:** A section containing three input fields: "APN:" with the value "cmnet", "User Name:" with the value "vl1000", and "Password:" with the value "vl1000".
- Main Server:** A section containing two input fields: "IP Address:" with the value "111 . 111 . 111 . 111" and "Port:" with the value "111".
- Backup Server:** A section containing two input fields: "IP Address:" with the value "111 . 111 . 111 . 111" and "Port:" with the value "111".

3 Download to VL1000

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

The screenshot shows the "AT Command" section of the interface. It contains a text box with the following command:

```
AT+GTQSS=vl1000, cmnet, vl1000, vl1000, 4, , , 111. 111. 111. 111, 111, 111. 111. 111. 111, 111, , , 3
```

Below the text box are two buttons: "Read" and "Download". The "Download" button is highlighted with a blue border.

4 Exit

After accomplishing the operations with VL1000 by PC manager tools, please exit the tools first then plug out the cable from VL1000. Otherwise the power saving algorithm cannot work.

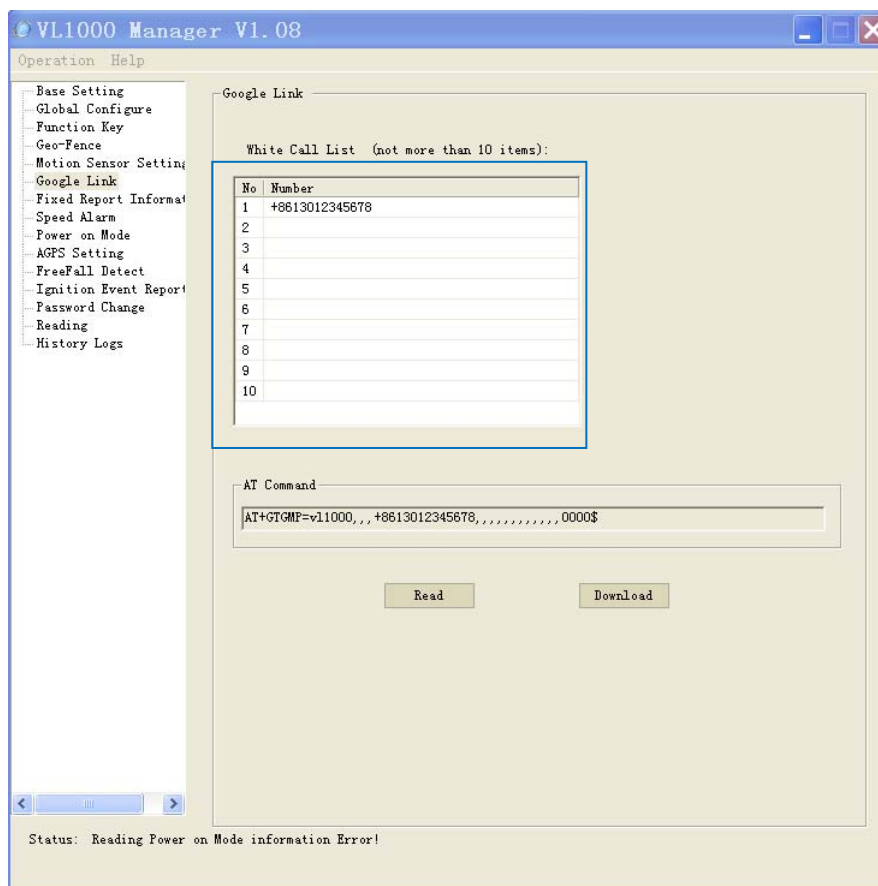
Example: Test VL1000 Google Link Function

After finishing APN setting, you can prepare a mobile phone to test Google Link function by following the steps below. Once your phone calls VL1000, you will get back a SMS which contains a web link leading the current location of VL1000 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 VL1000

VL1000 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: VL1000 is located at east longitude 121.354463 degree, north latitude 31.222038 degree.

For other advanced functions refer to "VL1000 Manager Tool User Guide".

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