

GV300N Quick Start

Page 1 : Basic Operation

1

Check Parts

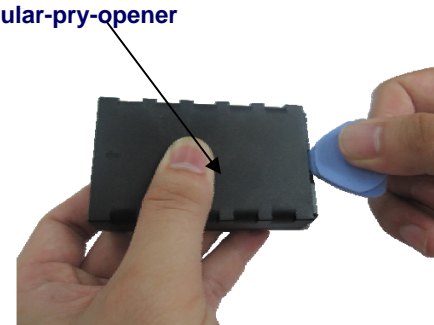


The USB Data_Cable_M is not in the delivery list. Please contact your vendor for it.

2

Open the case

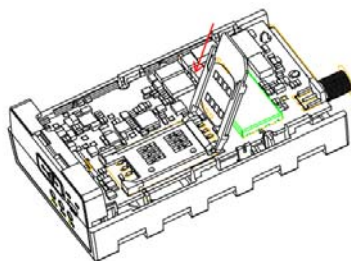
triangular-pry-opener



3

Install SIM Card

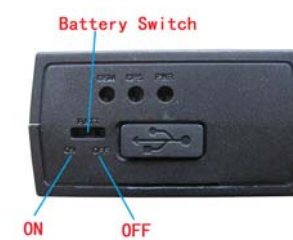
Install the battery



4

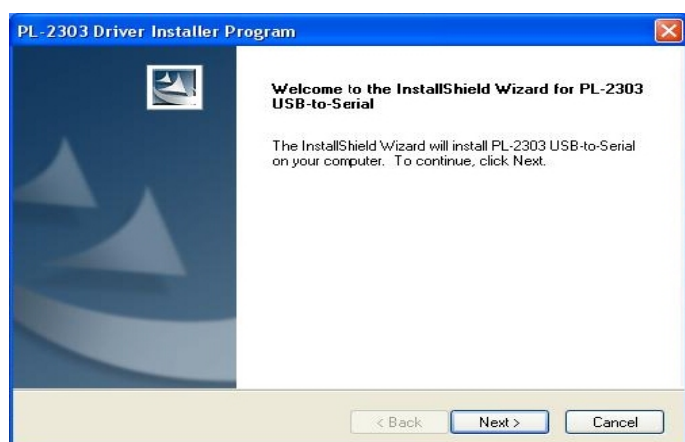
Close the case

Switch ON Battery



5

Find "PL2303_Prolific_DriverInstaller_v10518.zip" in develop suit and install the drive for PL2303. If you have already installed it please go to Step 6.



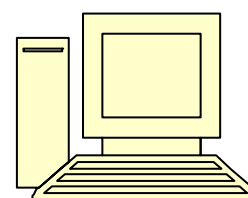
6

Connect GV300N to computer by USB Data_Cable_M.



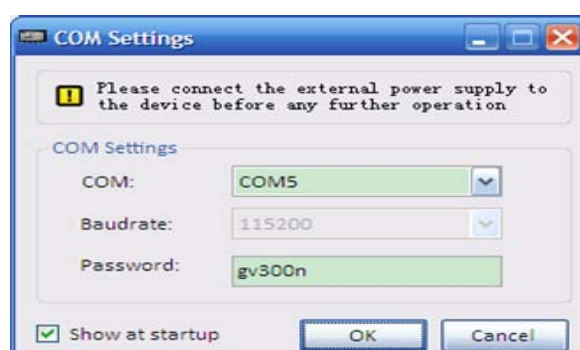
To mini USB

To computer



7

Find "Queclink GV300N Manager Tool Vx.xx.exe" in develop suit and run it to configure the running parameters of GV300N. Please refer to Page 2 for detail.



8

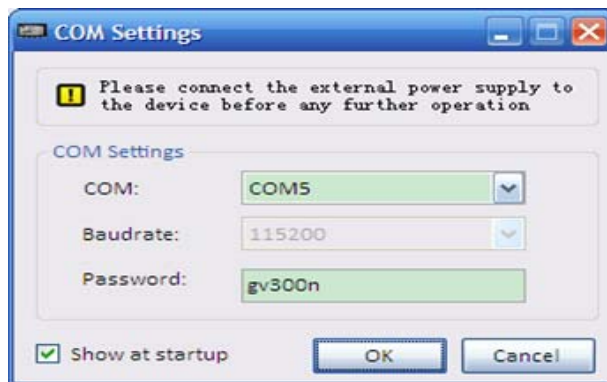
Before the first time using GV300N, please full charge the battery.



Page 2 : PC Manager Tool Quick Start

1

Run manager tool. Select correct Com port and input default password "gv300N". Then press OK.

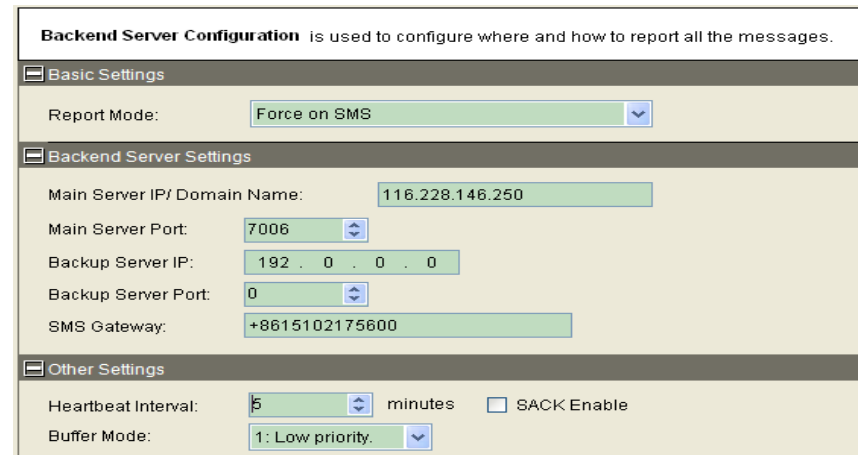


COM Settings dialog box. It includes a warning: "Please connect the external power supply to the device before any further operation". The settings are: COM: COM5, Baudrate: 115200, Password: gv300n. There is a checkbox for "Show at startup" and buttons for "OK" and "Cancel".

2

If you want to test the GV300N by SMS then set "Report Mode" to "SMS" and input the phone number which you want to receive the SMS from GV300N. After that you can go to Step 6.

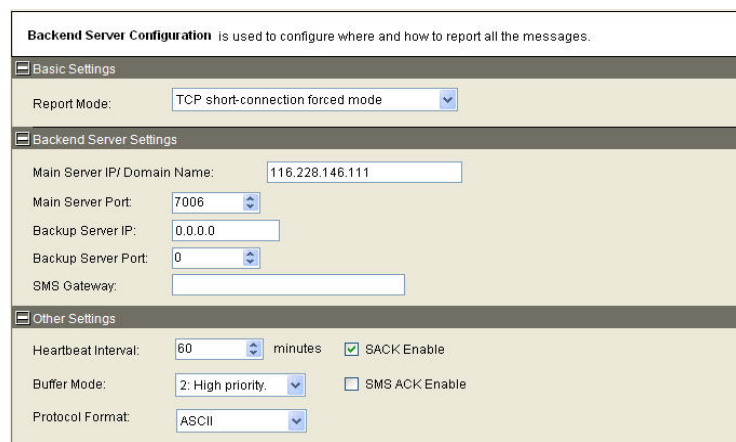
Otherwise please go to Step 3



Backend Server Configuration dialog box. It is used to configure where and how to report all the messages. It has three sections: Basic Settings (Report Mode: Force on SMS), Backend Server Settings (Main Server IP/Domain Name: 116.228.146.250, Main Server Port: 7006, Backup Server IP: 192.0.0.0, Backup Server Port: 0, SMS Gateway: +8615102175600), and Other Settings (Heartbeat Interval: 5 minutes, SACK Enable checkbox, Buffer Mode: 1: Low priority).

3

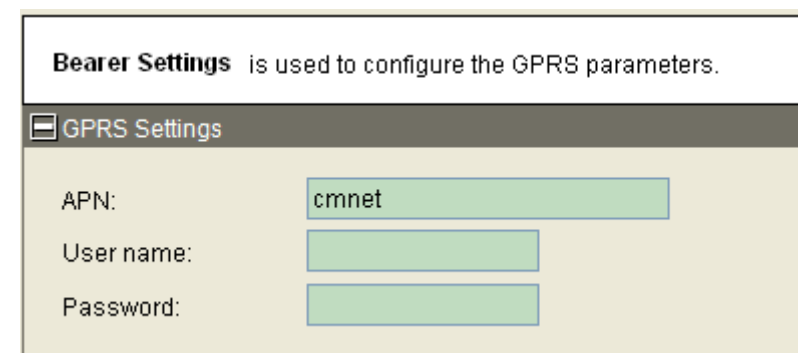
Set "Report Mode" to "TCP Short Connection". input the IP address and port number of the backend server. Please make sure the IP address can be accessed by internet and the data sends to this address can be received.



Backend Server Configuration dialog box. It is used to configure where and how to report all the messages. It has three sections: Basic Settings (Report Mode: TCP short-connection forced mode), Backend Server Settings (Main Server IP/Domain Name: 116.228.146.111, Main Server Port: 7006, Backup Server IP: 0.0.0.0, Backup Server Port: 0, SMS Gateway:), and Other Settings (Heartbeat Interval: 60 minutes, SACK Enable checkbox, Buffer Mode: 2: High priority, SMS ACK Enable checkbox, Protocol Format: ASCII).

4

Please contact your SIM card provider and get the APN information for GPRS. Input it in GTBSI setting.



Bearer Settings dialog box. It is used to configure the GPRS parameters. It has a section: GPRS Settings (APN: cmnet, User name: , Password:).

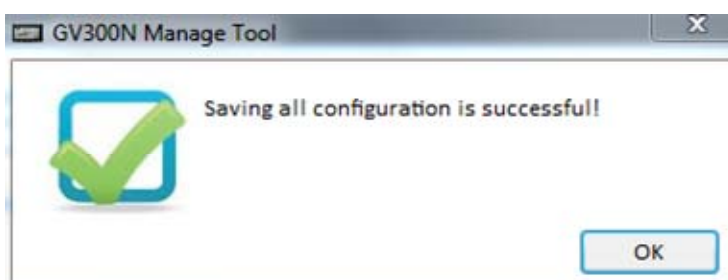
5

Press the "Send" button and update the parameters of GV300N. Then the GV300N can report information to your backend server or SMS receiver.

Note: These commands can also be sent to GV300N by SMS.

AT+GTBSI=gv300n,cmnet,,,,,FFFF\$

Command has been accepted when you see the success window.

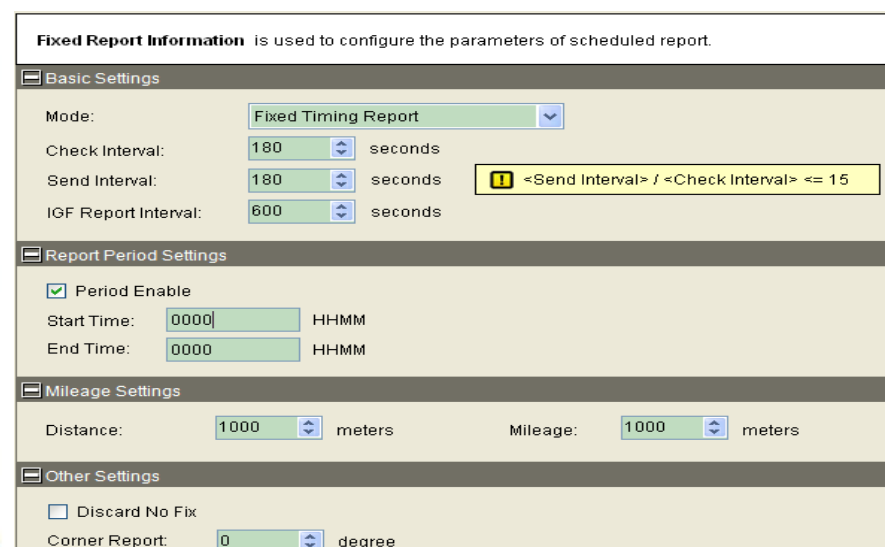


GV300N Manage Tool success window. It shows a green checkmark and the text "Saving all configuration is successful!". There is an "OK" button.

6

Set the parameters of scheduled fixed timing report so that the GV300N will report it's position to backend server period periodically. Press "Send" button to update the parameters.

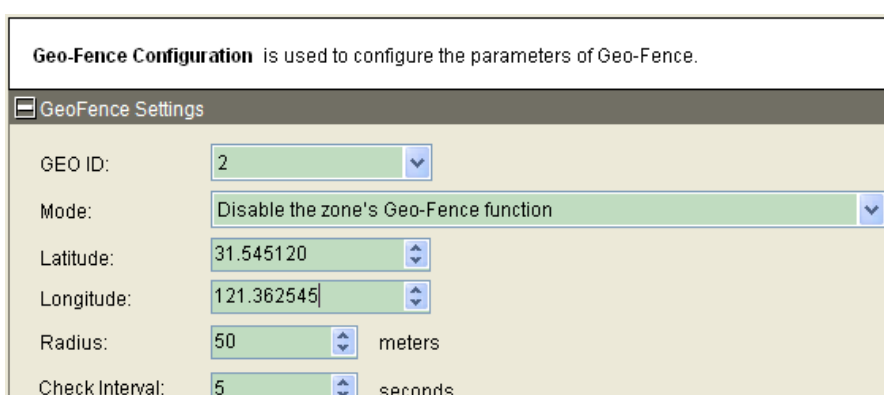
Follow screen shot shows how to configure the GV300N to report it's position every 3 minutes.



Fixed Report Information dialog box. It is used to configure the parameters of scheduled report. It has three sections: Basic Settings (Mode: Fixed Timing Report, Check Interval: 180 seconds, Send Interval: 180 seconds, IGF Report Interval: 600 seconds), Report Period Settings (Period Enable checkbox, Start Time: 0000 HHMM, End Time: 0000 HHMM), and Mileage Settings (Distance: 1000 meters, Mileage: 1000 meters). Other Settings (Discard No Fix checkbox, Corner Report: 0 degree).

7

The following screen shot shows how to create a Geo-Fence rule. Press "Send" button to update the parameters.



Geo-Fence Configuration dialog box. It is used to configure the parameters of Geo-Fence. It has a section: GeoFence Settings (GEO ID: 2, Mode: Disable the zone's Geo-Fence function, Latitude: 31.545120, Longitude: 121.362545, Radius: 50 meters, Check Interval: 5 seconds).

After these steps. GV300N will have some basic tracking functions like scheduled timing report and Geo-Fence. For other advanced functions of GV300N please refer to "GV300N @Tracker Air Interface Protocol" or visit our website.

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