

# GV300 Quick Start

## Page 1 : Basic Operation

1

Check Parts List

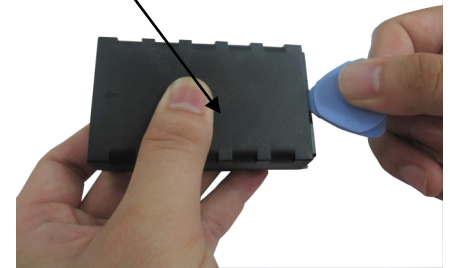


The USB Data\_Cable\_M is not in the delivery list. Please contact your vendor for it.

2

Open the case

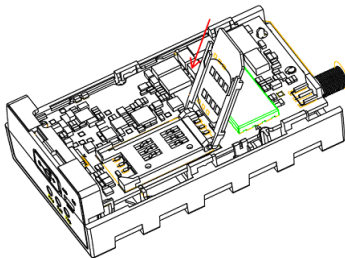
triangular-pry-opener



3

Install a SIM Card

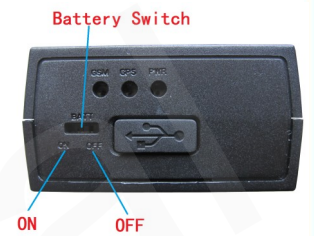
Install the battery



4

Close the case

Switch ON Battery



5

Find "PL2303\_Prolific\_DriverInstaller\_v1190.zip" in develop suit and install the driver for PL2303. If you have already installed it, please go to Step 6.



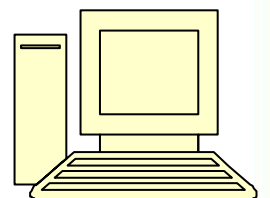
6

Connect GV300 to computer by USB Data\_Cable\_M.



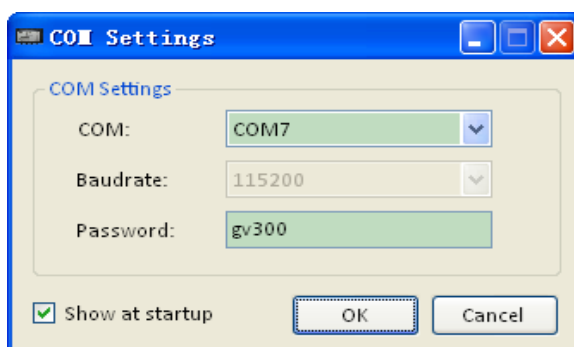
To mini USB

To computer



7

Find "Queclink GV300 Manage Tool Rx.xx.exe" in develop suit and run it to configure the running parameters of GV300. Please refer to Page 2 for details.



8

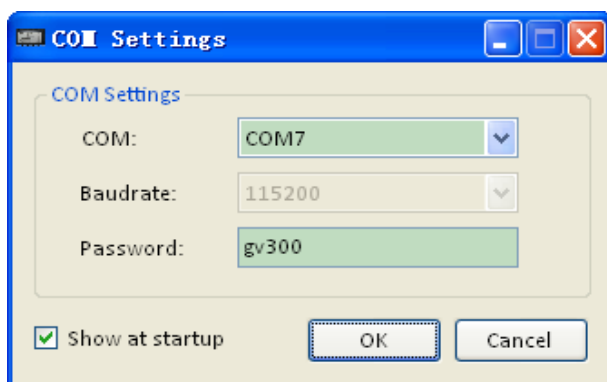
Before the first time using GV300, please full charge the battery.



# Page 2 : PC Manage Tool Quick Start

1

Run manage tool. Select correct Com port and input default password "gv300". Then press OK.



COM Settings

COM: COM7

Baudrate: 115200

Password: gv300

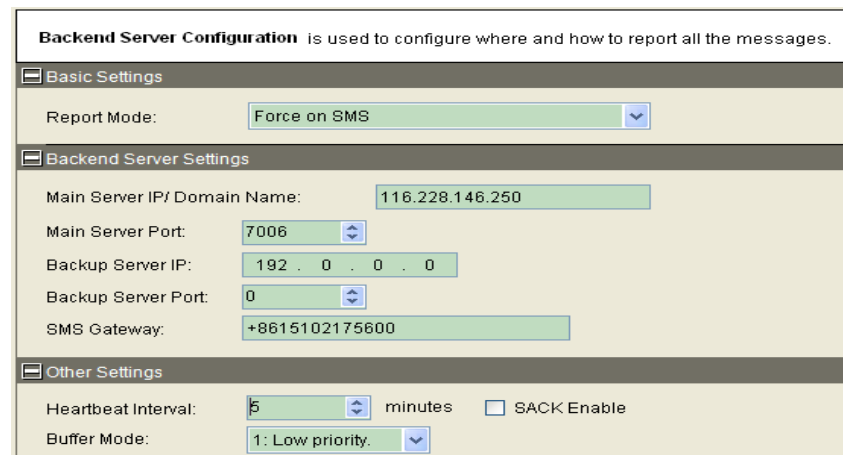
☒ Show at startup

OK Cancel

2

If you want to test the GV300 by SMS, then set "Report Mode" to "SMS" and input the phone number which you want to receive the SMS from GV300. After that you can go to Step 6.

Otherwise please go to Step 3



Backend Server Configuration is used to configure where and how to report all the messages.

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

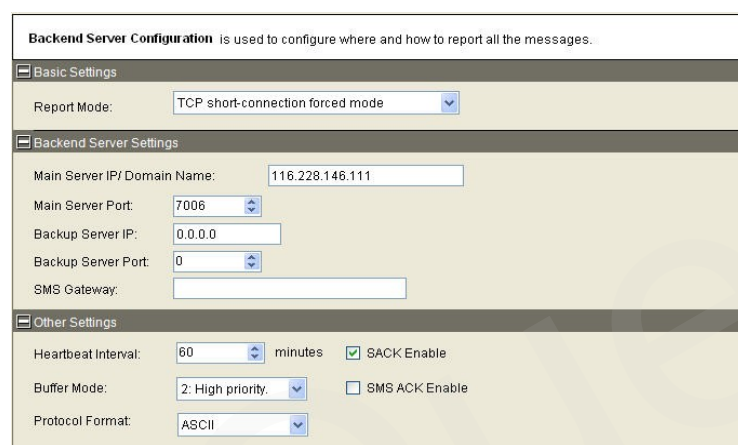
Other Settings

Heartbeat Interval: 5 minutes ☐ SACK Enable

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 sent to this address can be received.



Backend Server Configuration is used to configure where and how to report all the messages.

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:

Other Settings

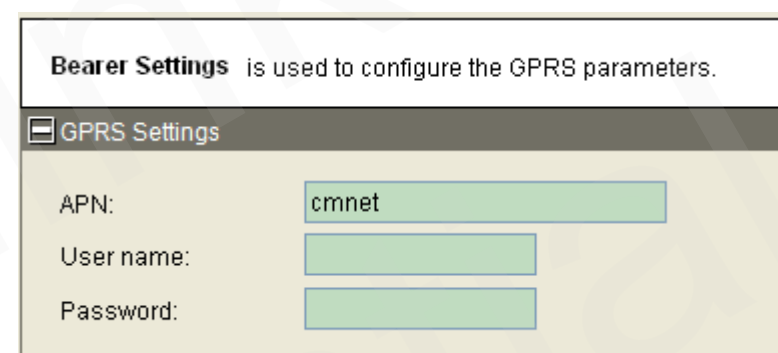
Heartbeat Interval: 60 minutes ☒ SACK Enable

Buffer Mode: 2: High priority ☐ SMS ACK Enable

Protocol Format: ASCII

4

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



Bearer Settings is used to configure the GPRS parameters.

GPRS Settings

APN: cmnet

User name:

Password:

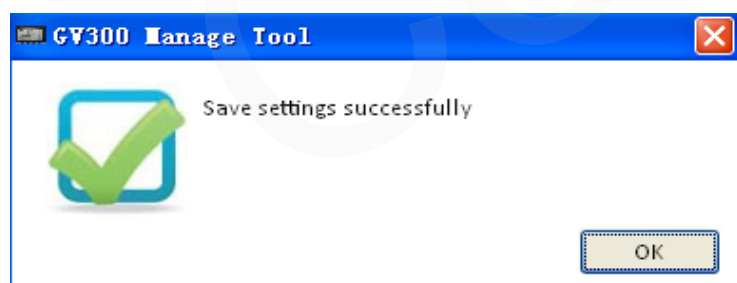
5

Press the "Send" button and update the parameters of GV300. Then GV300 can report information to your backend server or SMS receiver.

Note: These commands can also be sent to GV300 by SMS.

AT+GTBSI=gv300,cmnet,,,,,FFFF\$

Command has been accepted when you see the window below.



GV300 Manage Tool

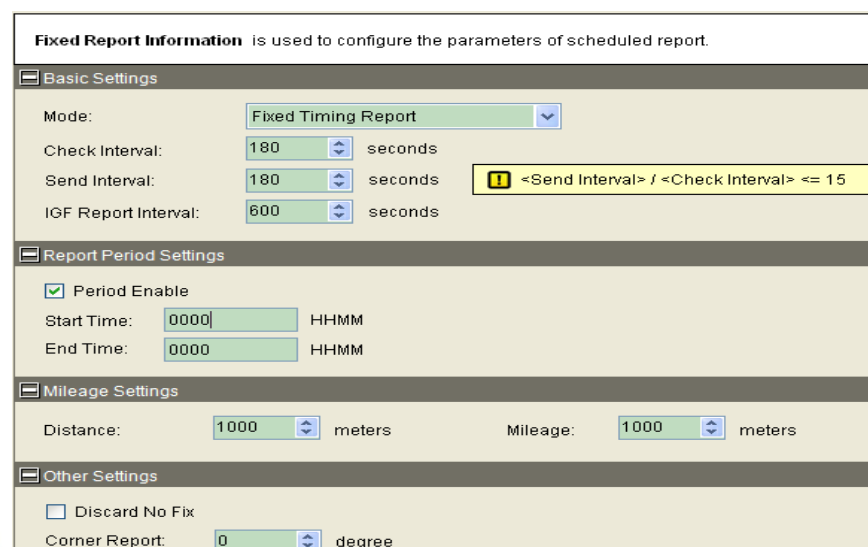
Save settings successfully

OK

6

Set the parameters of fixed time report so that GV300 will report it's position to backend server periodically. Press "Send" button to update the parameters.

The following screenshot shows how to configure GV300 to report it's position every 3 minutes.



Fixed Report Information is used to configure the parameters of scheduled report.

Basic Settings

Mode: Fixed Timing Report

Check Interval: 180 seconds

Send Interval: 180 seconds ☒ <Send Interval> / <Check Interval> <= 15

IGF Report Interval: 600 seconds

Report Period Settings

☒ Period Enable

Start Time: 0000 HHMM

End Time: 0000 HHMM

Mileage Settings

Distance: 1000 meters

Mileage: 1000 meters

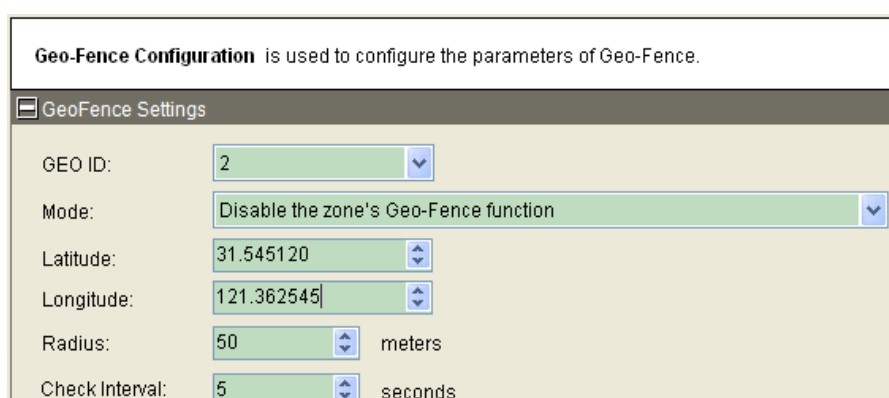
Other Settings

☐ Discard No Fix

Corner Report: 0 degree

7

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



Geo-Fence Configuration is used to configure the parameters of Geo-Fence.

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. GV300 will have some basic tracking functions like fixed time report and Geo-Fence. For other advanced functions of GV300, please refer to "GV300 @Track Air Interface Protocol" or visit our website.

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