

## GV55N Quick Start

### Page 1 : Basic Operation

1

Check Parts List

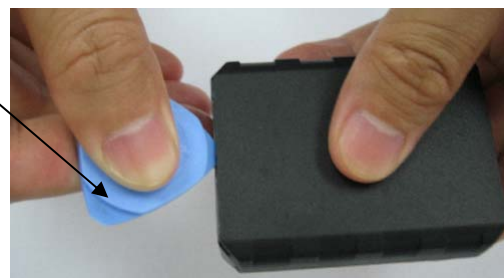


The USB Data\_Cable\_M is not in the delivery list. Please contact your vendor for it.

2

Open the case

triangular-pry-opener



3

Install SIM Card

Install the battery



4

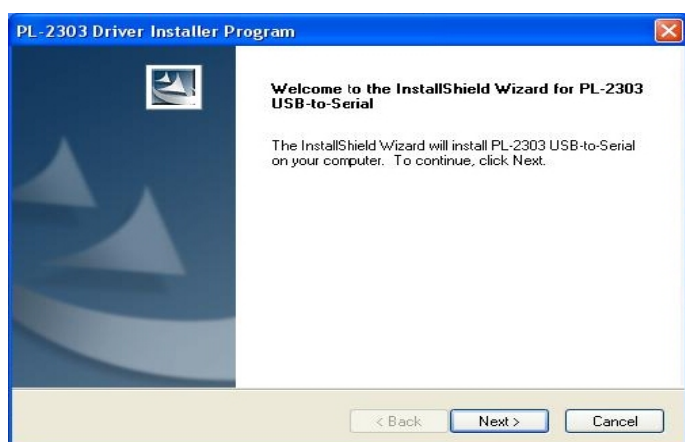
Close the case

Switch ON Battery



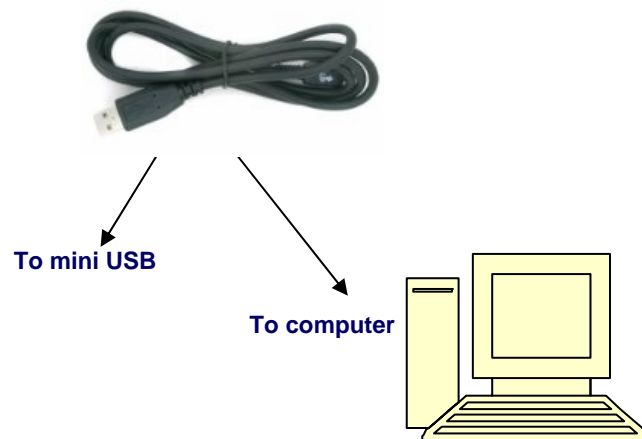
5

Find "PL2303\_Prolific\_DriverInstaller\_v1\_9\_0.rar" in develop suit and install the drive for PL2303. If you have already installed it please go to Step 6.



6

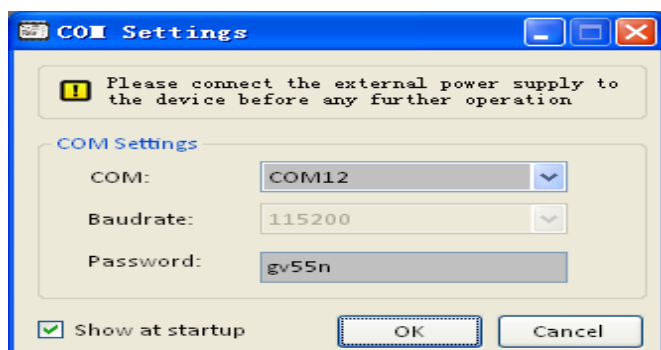
Connect GV55N to computer by USB



7

Find "Queclink GV55N Manage Tool Vx.xx.exe" in develop suit and run it to configure the running parameters of GV55N.

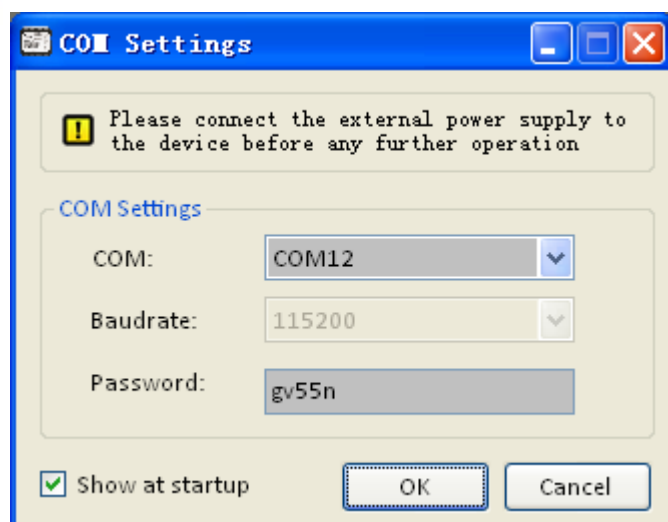
Please refer to Page 2 for detail.



# Page 2 : PC Manage Tool Quick Start

1

Run manager tool. Select correct Com port and input default password "gv55n". Then press OK.

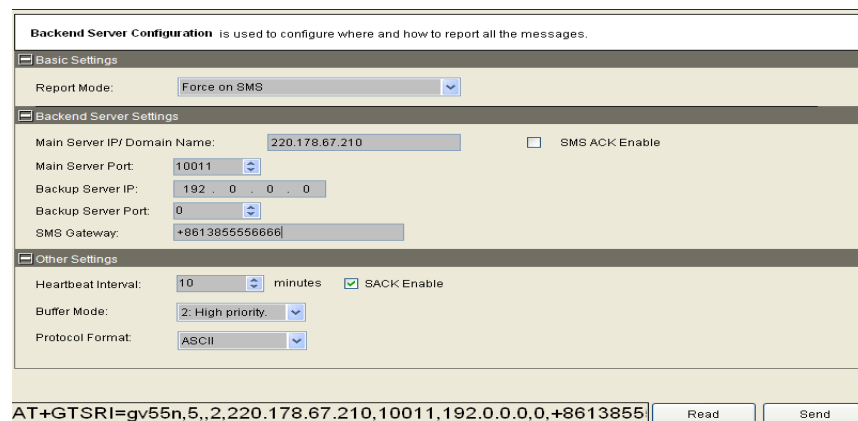


COM Settings dialog box. It contains a warning icon and text: "Please connect the external power supply to the device before any further operation". Below this, the "COM Settings" section has fields for "COM:" (set to COM12), "Baudrate:" (set to 115200), and "Password:" (set to gv55n). At the bottom, there is a "Show at startup" checkbox (checked), and "OK" and "Cancel" buttons.

2

If you want to test the GV55N by SMS then set "Report Mode" to "SMS" and input the phone number which you want to receive the SMS from GV55N. After that you can go to Step 6.

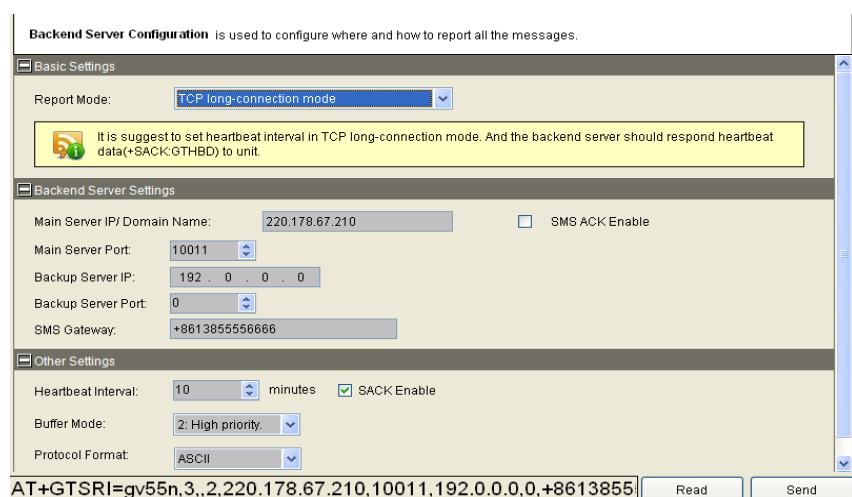
Otherwise please go to Step 3



Backend Server Configuration dialog box. It is used to configure where and how to report all the messages. It has sections: "Basic Settings" (Report Mode: Force on SMS), "Backend Server Settings" (Main Server IP/Domain Name: 220.178.67.210, Main Server Port: 10011, Backup Server IP: 192.0.0.0, Backup Server Port: 0, SMS Gateway: +861385556666, SMS ACK Enable checkbox), and "Other Settings" (Heartbeat Interval: 10 minutes, SACK Enable checkbox, Buffer Mode: 2: High priority, Protocol Format: ASCII). At the bottom, there is a text field with the command "AT+GTSRI=gv55n,5,,2,220.178.67.210,10011,192.0.0.0.0,+8613855" and "Read" and "Send" buttons.

3

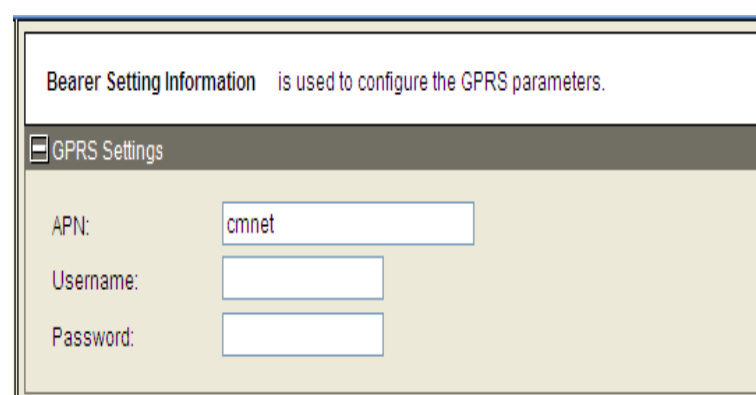
Set "Report Mode" to "TCP Short Connection". input the IP address and port number of the backend server.



Backend Server Configuration dialog box. It is used to configure where and how to report all the messages. It has sections: "Basic Settings" (Report Mode: TCP long-connection mode), "Backend Server Settings" (Main Server IP/Domain Name: 220.178.67.210, Main Server Port: 10011, Backup Server IP: 192.0.0.0, Backup Server Port: 0, SMS Gateway: +861385556666, SMS ACK Enable checkbox), and "Other Settings" (Heartbeat Interval: 10 minutes, SACK Enable checkbox, Buffer Mode: 2: High priority, Protocol Format: ASCII). At the bottom, there is a text field with the command "AT+GTSRI=gv55n,3,,2,220.178.67.210,10011,192.0.0.0.0,+8613855" and "Read" and "Send" buttons.

4

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

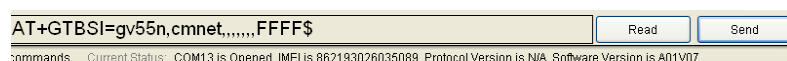


Bearer Setting Information dialog box. It is used to configure the GPRS parameters. It has a "GPRS Settings" section with fields for "APN:" (cmnet), "Username:", and "Password:".

5

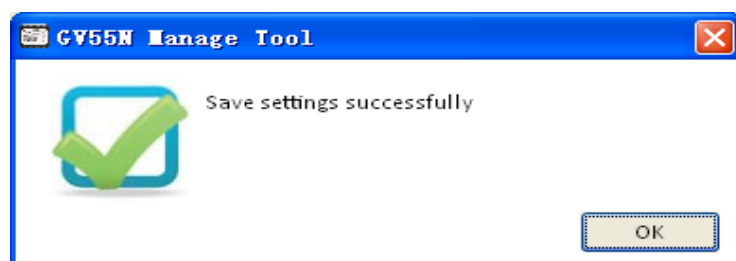
Press the "Send" button and update the parameters of GV55N. Then the GV55N can report information to your backend server or SMS receiver.

Note: These commands can also be sent to GV55N by SMS.



Command input field showing the command "AT+GTBSI=gv55n,cmnet,,,,,FFFF\$". There are "Read" and "Send" buttons.

Command has been accepted when you see the success window.

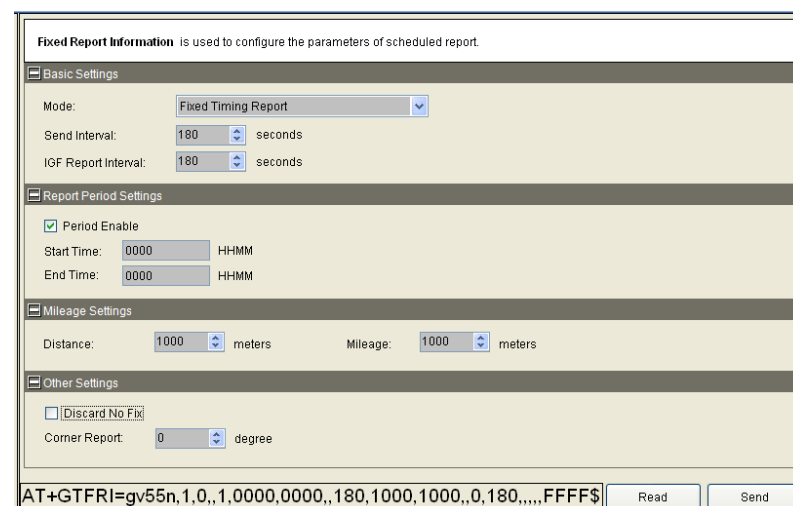


GV55N Manage Tool success window. It shows a green checkmark icon and the text "Save settings successfully". There is an "OK" button.

6

Set the parameters of scheduled fixed timing report so that the GV55N will report it's position to backend server period periodically. Press "Send" button to update the parameters.

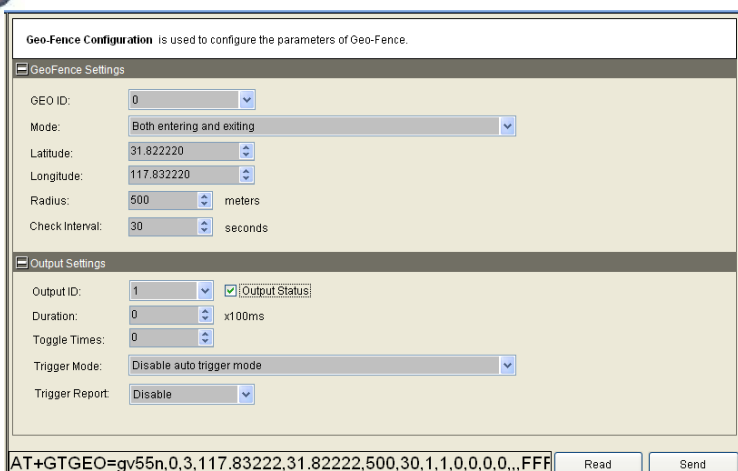
Follow screen shot shows how to configure the GV55N to report it's position every 3 minutes.



Fixed Report Information dialog box. It is used to configure the parameters of scheduled report. It has sections: "Basic Settings" (Mode: Fixed Timing Report, Send Interval: 180 seconds, IGF Report Interval: 180 seconds), "Report Period Settings" (Period Enable checkbox, Start Time: 0000 HHMM, End Time: 0000 HHMM), "Mileage Settings" (Distance: 1000 meters, Mileage: 1000 meters), and "Other Settings" (Discard No Fix checkbox, Corner Report: 0 degree). At the bottom, there is a text field with the command "AT+GTFR=gv55n,1,0,,1,0000,0000,,180,1000,1000,,0,180,,FFFF\$" and "Read" and "Send" buttons.

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 sections: "GeoFence Settings" (GEO ID: 0, Mode: Both entering and exiting, Latitude: 31.822220, Longitude: 117.832220, Radius: 500 meters, Check Interval: 30 seconds), and "Output Settings" (Output ID: 1, Output Status checkbox, Duration: 0 x100ms, Toggle Times: 0, Trigger Mode: Disable auto trigger mode, Trigger Report: Disable). At the bottom, there is a text field with the command "AT+GTGEO=gv55n,0,3,117.83222,31.82222,500,30,1,1,0,0,0,,FFF" and "Read" and "Send" buttons.

After these steps. GV55N will have some basic tracking functions like scheduled timing report and Geo-Fence. For other advanced functions of GV55N please refer to "GV55N @Tracker Air Interface Protocol" or visit our website.

<http://www.queclink.com>  
[sales@queclink.com](mailto:sales@queclink.com)