

## GV75MG Quick Start V1.00

### Page 1 : Basic Operation

1

Check GV75MG device

Make sure the device and accessories are intact and complete.



2

Install the SIM card.



3

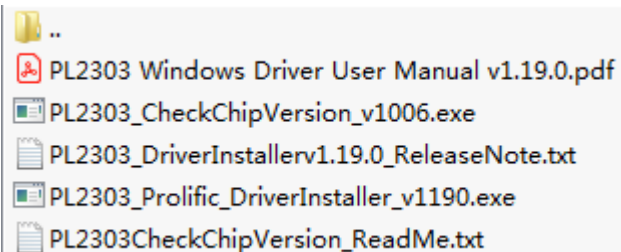
Connect GV75MG to the computer by the USB data cable.

The USB data cable to configure the device is an optional accessory may not be delivered along with the device.



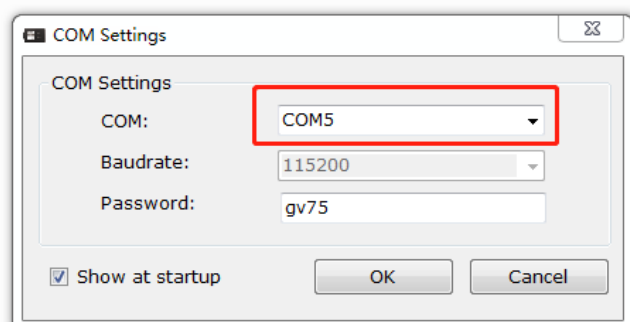
4

Find “PL2303\_Prolific\_Driverinstaller\_Vxxxx.rar” and choose the suitable driver for your computer system. If you have already installed it, please go to Step 6.



5

Find “Queclink GV75MG\_Manage\_Tool\_Vx.x.exe” in develop suit and run it to configure the running parameters of GV75MG. Please refer to Page 2 for details.



6

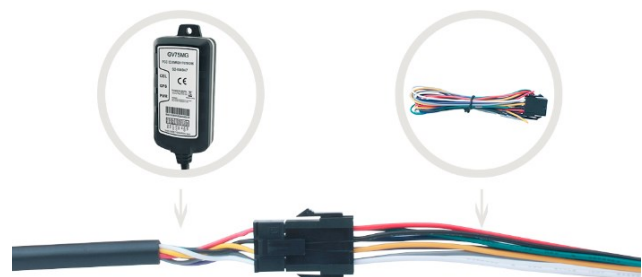
Better place the GV75MG under the open sky and face the side with tag to the sky.

This side



7

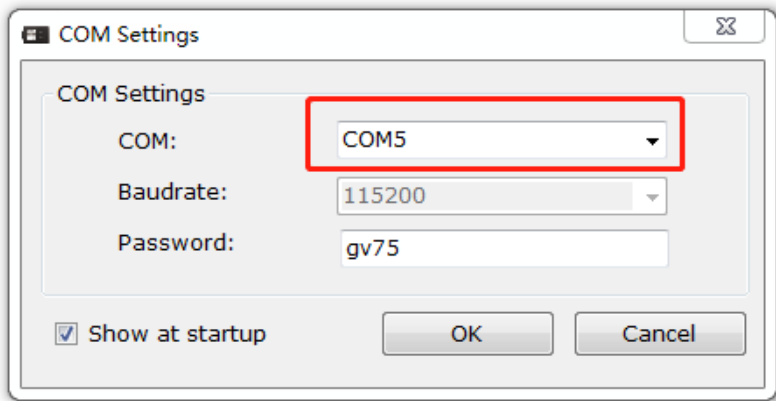
Use the GV75MG standard cable to connect device to the car.



Page 2 : PC Manage Tool Quick Start

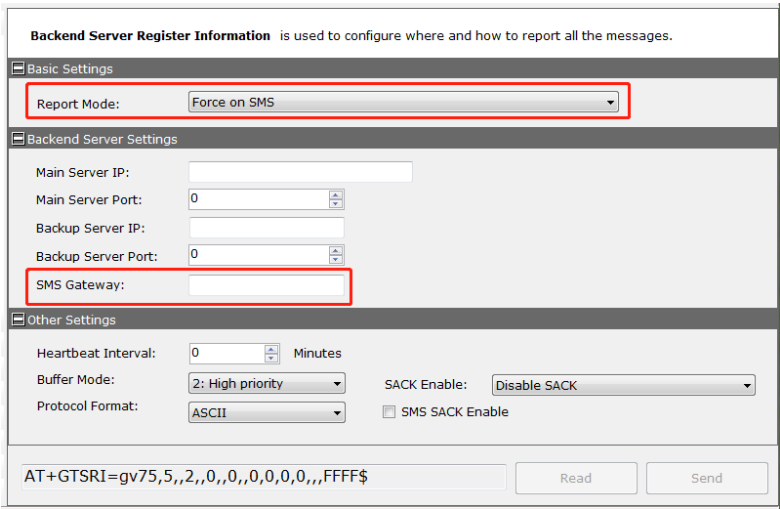
1

Run manage tool. Select correct COM port and input default password “gv75”. Then press OK.

A screenshot of the 'COM Settings' dialog box. It has a title bar with a close button. Inside, there's a 'COM Settings' section with three fields: 'COM:' with a dropdown menu showing 'COM5' (highlighted with a red box), 'Baudrate:' with a dropdown menu showing '115200', and 'Password:' with a text field containing 'gv75'. Below these fields is a checkbox labeled 'Show at startup' which is checked. At the bottom are 'OK' and 'Cancel' buttons.

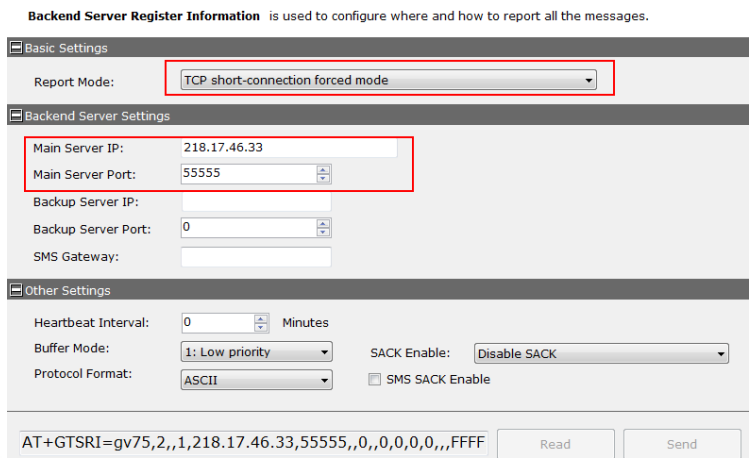
2

If you want to test the GV75MG by SMS, set “Report Mode” to “Force on SMS” and input the phone number which you want to receive the SMS from GV75MG. After that you can go to Step 6. Otherwise please go to Step 3.

A screenshot of the 'Backend Server Register Information' dialog box. It has a title bar and a description: 'is used to configure where and how to report all the messages.' There are three sections: 'Basic Settings' with a 'Report Mode:' dropdown set to 'Force on SMS' (highlighted with a red box); 'Backend Server Settings' with fields for 'Main Server IP:', 'Main Server Port:', 'Backup Server IP:', 'Backup Server Port:', and 'SMS Gateway:' (the 'SMS Gateway:' field is highlighted with a red box); and 'Other Settings' with fields for 'Heartbeat Interval:', 'Buffer Mode:', 'Protocol Format:', 'SACK Enable:', and 'SMS SACK Enable'. At the bottom is a text field containing 'AT+GTSRI=gv75,5,,2,,0,,0,,0,0,0,,FFFF\$' and 'Read' and 'Send' buttons.

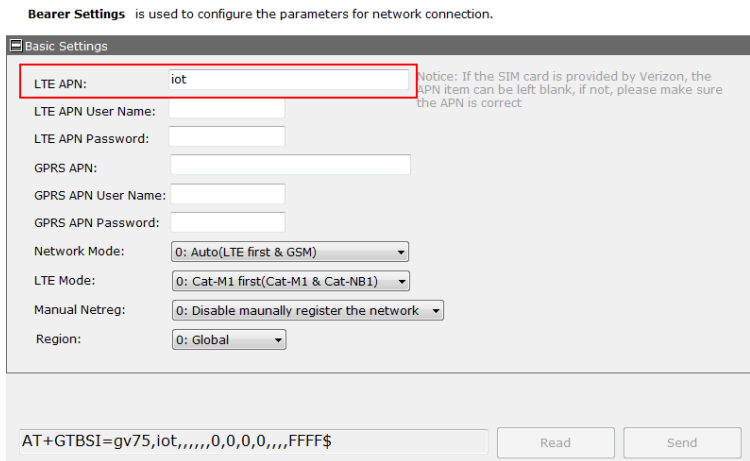
3

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.

A screenshot of the 'Backend Server Register Information' dialog box. It has a title bar and a description: 'is used to configure where and how to report all the messages.' There are three sections: 'Basic Settings' with a 'Report Mode:' dropdown set to 'TCP short-connection forced mode' (highlighted with a red box); 'Backend Server Settings' with fields for 'Main Server IP:' (containing '218.17.46.33'), 'Main Server Port:' (containing '55555'), 'Backup Server IP:', 'Backup Server Port:', and 'SMS Gateway:' (the 'Main Server IP:' and 'Main Server Port:' fields are highlighted with a red box); and 'Other Settings' with fields for 'Heartbeat Interval:', 'Buffer Mode:', 'Protocol Format:', 'SACK Enable:', and 'SMS SACK Enable'. At the bottom is a text field containing 'AT+GTSRI=gv75,2,,1,218.17.46.33,55555,,0,,0,0,0,,FFFF\$' and 'Read' and 'Send' buttons.

4

Please contact your SIM card provider and get the User information for network. Input it in GTBSI setting.  
Note: APN cannot be empty.

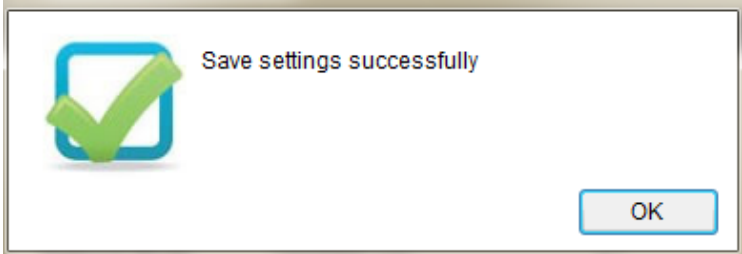
A screenshot of the 'Bearer Settings' dialog box. It has a title bar and a description: 'is used to configure the parameters for network connection.' There are two sections: 'Basic Settings' with fields for 'LTE APN:' (containing 'iot'), 'LTE APN User Name:', 'LTE APN Password:', 'GPRS APN:', 'GPRS APN User Name:', 'GPRS APN Password:', 'Network Mode:', 'LTE Mode:', 'Manual Netreg:', and 'Region:' (the 'LTE APN:' field is highlighted with a red box); and 'Other Settings' with fields for 'Heartbeat Interval:', 'Buffer Mode:', 'Protocol Format:', 'SACK Enable:', and 'SMS SACK Enable'. At the bottom is a text field containing 'AT+GTBSI=gv75,iot,,,,,,0,0,0,,FFFF\$' and 'Read' and 'Send' buttons.

5

Press the “Send” button and update the parameters of GV75MG. Then the GV75MG can report information to your backend server or SMS receiver.  
Note: These commands can also be sent to GV75MG by SMS.

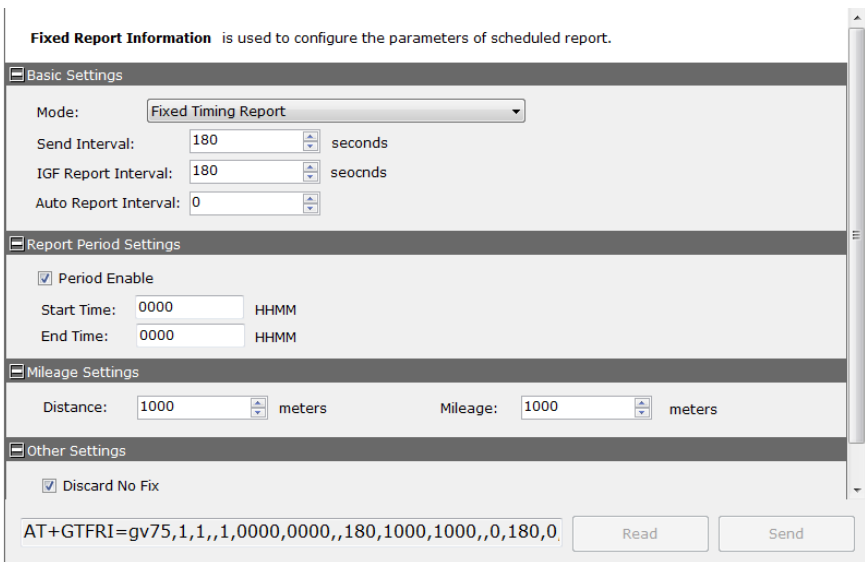
AT+GTFRI=gv75,0,1,,1,0000,0000,,30,1000,1000,,0,600,0,,  
Read Send

Command has been accepted when you see the success window.

A screenshot of a 'Save settings successfully' dialog box. It has a title bar and a green checkmark icon. The text 'Save settings successfully' is displayed. At the bottom is an 'OK' button.

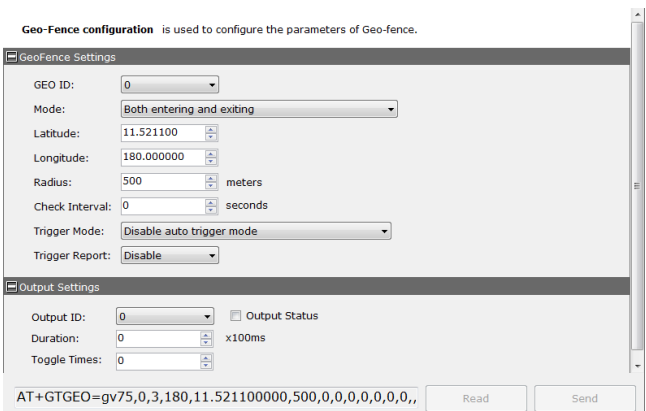
6

Set the parameters of scheduled fixed timing report so that the GV75MG will report it’s position to backend server periodically. Press “Send” button to update the parameters.  
Following screen shot shows how to configure the GV75MG to report it’s position every 3 minutes.

A screenshot of the 'Fixed Report Information' dialog box. It has a title bar and a description: 'is used to configure the parameters of scheduled report.' There are four sections: 'Basic Settings' with a 'Mode:' dropdown set to 'Fixed Timing Report'; 'Report Period Settings' with fields for 'Send Interval:', 'IGF Report Interval:', and 'Auto Report Interval:'; 'Mileage Settings' with fields for 'Distance:' and 'Mileage:'; and 'Other Settings' with a checkbox labeled 'Discard No Fix'. At the bottom is a text field containing 'AT+GTFRI=gv75,1,1,,1,0000,0000,,180,1000,1000,,0,180,0,' and 'Read' and 'Send' buttons.

7

The following screenshot shows how to create a Geo-fence. Press “Send” button to update the parameters.

A screenshot of the 'Geo-Fence configuration' dialog box. It has a title bar and a description: 'is used to configure the parameters of Geo-fence.' There are two sections: 'GeoFence Settings' with fields for 'GEO ID:', 'Mode:', 'Latitude:', 'Longitude:', 'Radius:', 'Check Interval:', 'Trigger Mode:', and 'Trigger Report:'; and 'Output Settings' with fields for 'Output ID:', 'Duration:', and 'Toggle Times:'. At the bottom is a text field containing 'AT+GTGEO=gv75,0,3,180,11.521100000,500,0,0,0,0,0,0,,' and 'Read' and 'Send' buttons.

After these steps, GV75MG will have some basic tracking functions such as scheduled timing report and Geo-fence. For other advanced functions of GV75MG, please refer to “GV75M @Tracker Air Interface Protocol” or visit our website.

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