

## GV50 Quick Start

### Page 1 : Basic Operation

**1**

Check Parts List



The Micro USB cable 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**

Switch On the battery

Close the case



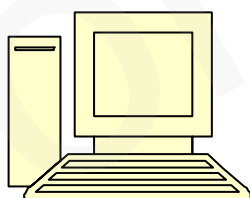
**5**

Connect GV50 to computer using Micro USB cable.



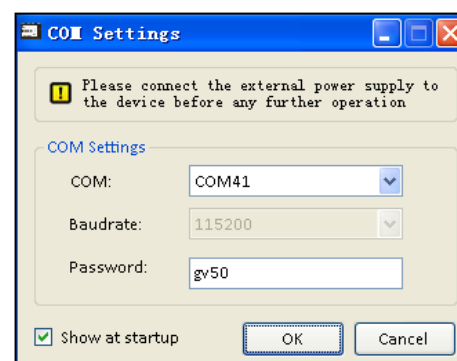
To micro USB

To computer



**6**

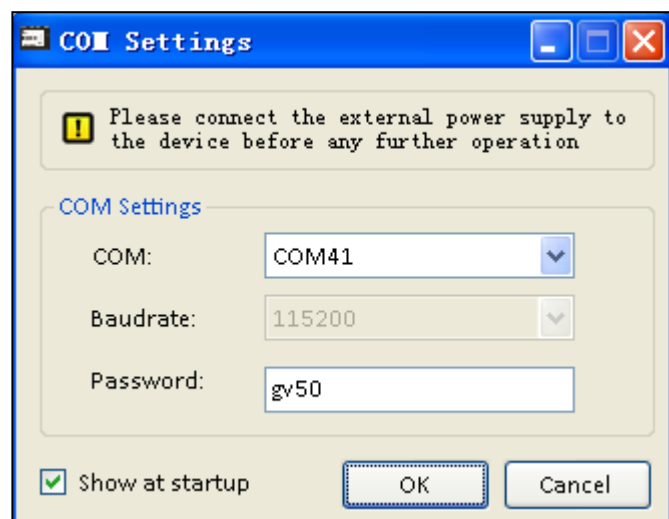
Find "Queclink GV50 Manage Tool Vx.xx.exe" in developer suite and run it to configure the running parameters of GV50. Please refer to [Page 2](#) for details.



# Page 2 : PC Manage Tool Quick Start

1

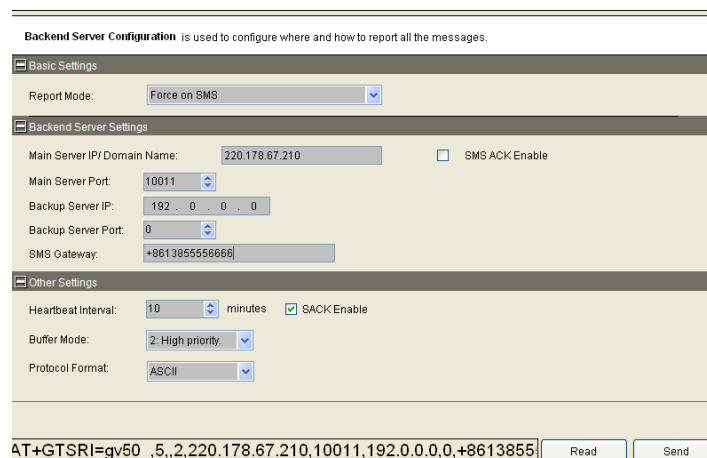
Run the Manager Tool. Select correct COM port and input default password "gv50". Then press OK.



COM Settings dialog box. It includes a warning: "Please connect the external power supply to the device before any further operation". The COM Settings section has fields for COM (COM41), Baudrate (115200), and Password (gv50). There is a checkbox for "Show at startup" and buttons for "OK" and "Cancel".

2

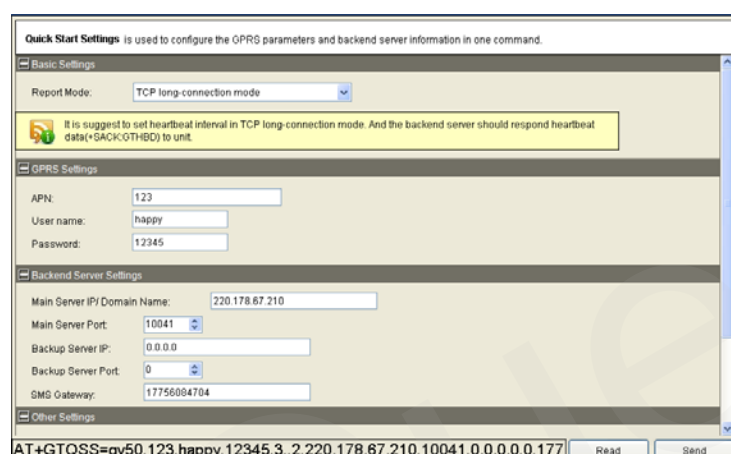
If you want to test the GV50 by SMS, then set "Report Mode" to "SMS" and input the phone number intended to receive the SMS from GV50. After that, go to Step 6. Otherwise, please go to Step 3.



Backend Server Configuration dialog box. It includes a section for "Basic Settings" with "Report Mode" set to "Force on SMS". The "Backend Server Settings" section has fields for Main Server IP/Domain Name (220.178.67.210), Main Server Port (10011), Backup Server IP (192.0.0.0), Backup Server Port (0), and SMS Gateway (+861385556666). The "Other Settings" section has "Heartbeat Interval" (10 minutes), "Buffer Mode" (2: High priority), and "Protocol Format" (ASCII). At the bottom, there is a command field with "AT+GTSRI=gv50,5,,220.178.67.210,10011,192.0.0.0,0,+8613855" and "Read" and "Send" buttons.

3

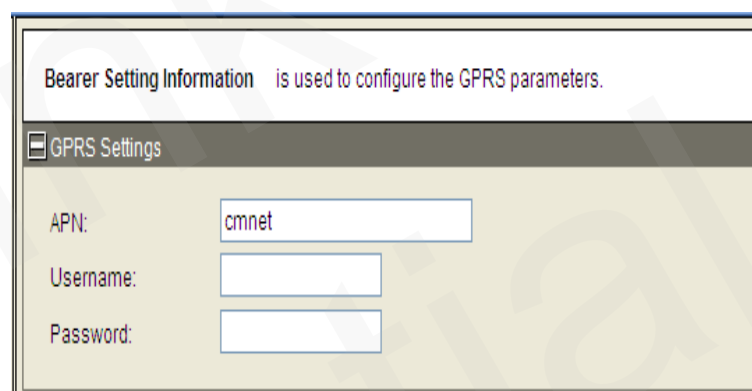
Set "Report Mode" to "TCP Long-Connection Mode". Input the IP address and port number of the backend server. Please make sure the IP address can be accessed over the internet and the data sent to this address can be received.



Quick Start Settings dialog box. It includes a section for "Basic Settings" with "Report Mode" set to "TCP long-connection mode". The "GPRS Settings" section has fields for APN (123), User name (happy), and Password (12345). The "Backend Server Settings" section has fields for Main Server IP/Domain Name (220.178.67.210), Main Server Port (10041), Backup Server IP (0.0.0.0), Backup Server Port (0), and SMS Gateway (17756084704). At the bottom, there is a command field with "AT+GTQSS=gv50,123,happy,12345,3,,220.178.67.210,10041,0.0.0.0,0,177" and "Read" and "Send" buttons.

4

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

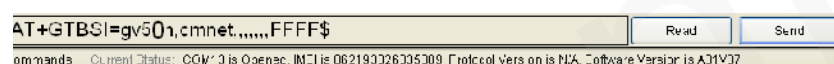


Bearer Setting Information dialog box. It includes a section for "GPRS Settings" with fields for APN (cmnet), Username, and Password.

5

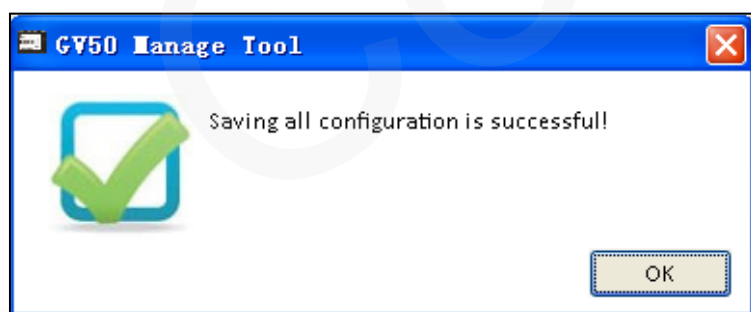
Press the "Send" button and update the parameters of GV50. Then GV50 can report information to your backend server or SMS receiver.

Note: These commands can also be sent to GV50 by SMS.



Command input field showing the command "AT+GTBSI=gv50,1,cmnet,,,,,FFFF\$" and buttons for "Read" and "Send". Below the field, it says "ommands Current Status: CGW: 3 is Oenac, IMI is 062193326335309 Protocol Vers on is N/A, Software Version is A31V37".

Command has been accepted when you see the success window.

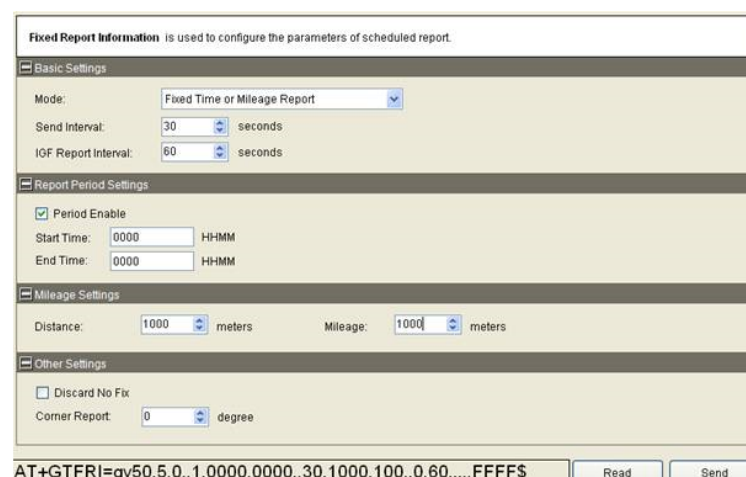


GV50 Manage Tool success window. It shows a green checkmark icon and the text "Saving all configuration is successful!". There is an "OK" button at the bottom right.

6

Set the parameters of fixed time report so that GV50 will report its position to backend server periodically. Press "Send" button to update the parameters.

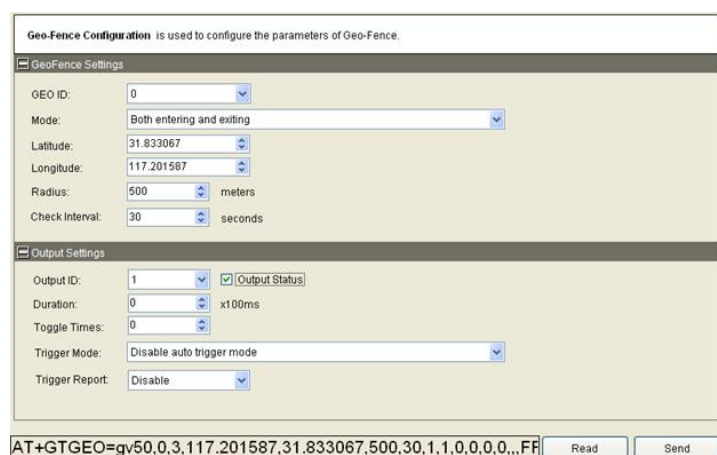
The following screenshot shows how to configure GV50 to report its position every 30 seconds.



Fixed Report Information dialog box. It includes a section for "Basic Settings" with "Mode" set to "Fixed Time or Mileage Report". The "Report Period Settings" section has "Send Interval" (30 seconds) and "IGF Report Interval" (60 seconds). The "Mileage Settings" section has "Distance" (1000 meters) and "Mileage" (1000 meters). The "Other Settings" section has "Discard No Fix" (unchecked) and "Corner Report" (0 degree). At the bottom, there is a command field with "AT+GTFRI=gv50,5,0,,1,0000,0000,,30,1000,100,,0,60,,,,,FFFF\$" and "Read" and "Send" buttons.

7

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



Geo-Fence Configuration dialog box. It includes a section for "GeoFence Settings" with fields for GEO ID (0), Mode (Both entering and exiting), Latitude (31.833067), Longitude (117.201587), Radius (500 meters), and Check Interval (30 seconds). The "Output Settings" section has "Output ID" (1), "Duration" (0 x100ms), "Toggle Times" (0), "Trigger Mode" (Disable auto trigger mode), and "Trigger Report" (Disable). At the bottom, there is a command field with "AT+GTGEO=gv50,0,3,117.201587,31.833067,500,30,1,1,0,0,0,,FF" and "Read" and "Send" buttons.

After these steps, GV50 will have some basic tracking functions like fixed time report and Geo-Fence. For other advanced functions of GV50, please refer to "GV50 @Track Air Interface Protocol" or visit our website.

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