

## GL300M Series Quick Start V1.00

### 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

#### Check The Appearance

Please refer to Page 2 for details.



3

#### Turn On GL300M Series



Power Key

4

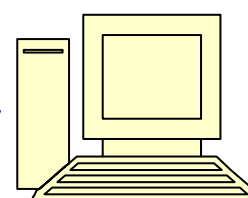
#### Connect GL300M Series to your computer with USB Data\_Cable\_M.



To mini USB

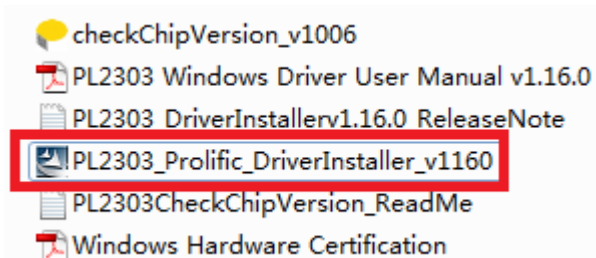


To computer



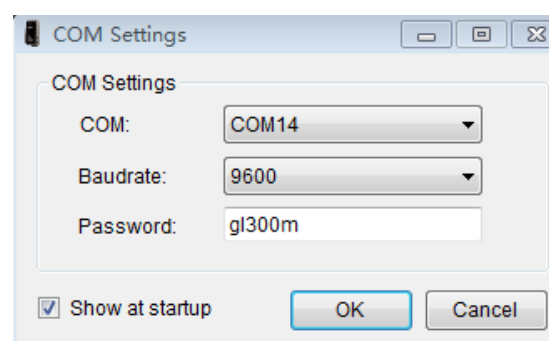
5

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.



6

Find "Queclink GL300M Series\_Manage\_Tool\_Vx.x.exe" in developer suite and run it to configure the running parameters of GL300M Series.



7

Before using GL300M Series for the first time, please fully charge the battery.



8

Better place the GL300M Series under the open sky and let the surface with LED indicators face the sky.

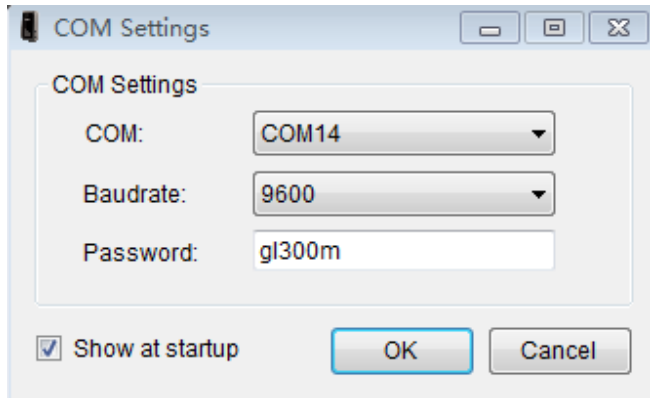


GPS Antenna

Page 2: PC Manager Tool Quick Start

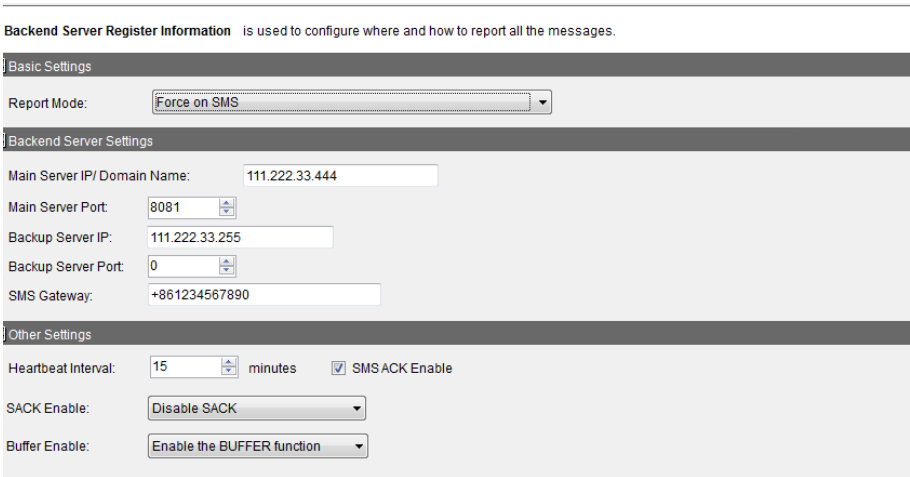
1

Run the Manager Tool. Select correct COM port and input default password “gl300m”. Then press OK.

A screenshot of the 'COM Settings' dialog box. It has a title bar with a close button. Inside, there's a section 'COM Settings' with three fields: 'COM:' with a dropdown menu showing 'COM14', 'Baudrate:' with a dropdown menu showing '9600', and 'Password:' with a text box containing 'gl300m'. At the bottom, there's a checkbox 'Show at startup' which is checked, and two buttons: 'OK' and 'Cancel'.

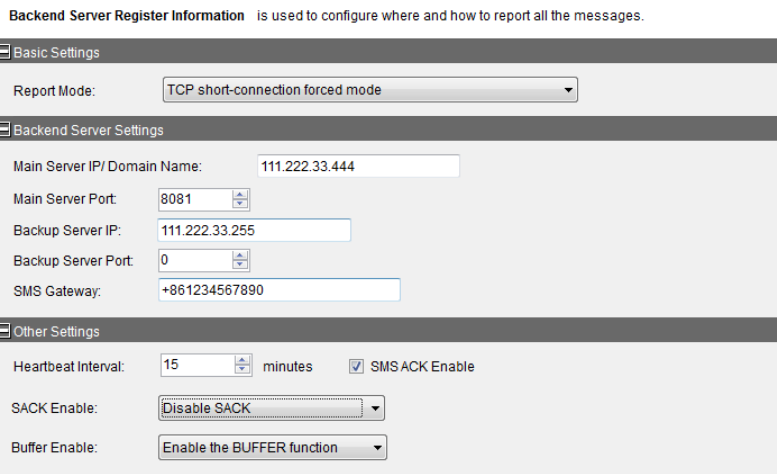
2

If you want to test the GL300M Series via SMS, set “Report Mode” to “Force on SMS” and input the phone number to receive the SMS from GL300M Series. After that, go to Step 6. Otherwise, please go to Step 3.

A screenshot of the 'Backend Server Register Information' form. It has a title bar and a subtitle 'is used to configure where and how to report all the messages.' Below the subtitle are three sections: 'Basic Settings' with a 'Report Mode' dropdown set to 'Force on SMS'; 'Backend Server Settings' with fields for 'Main Server IP/ Domain Name' (111.222.33.444), 'Main Server Port' (8081), 'Backup Server IP' (111.222.33.255), 'Backup Server Port' (0), and 'SMS Gateway' (+861234567890); and 'Other Settings' with 'Heartbeat Interval' (15 minutes), 'SACK Enable' (Disable SACK), and 'Buffer Enable' (Enable the BUFFER function).

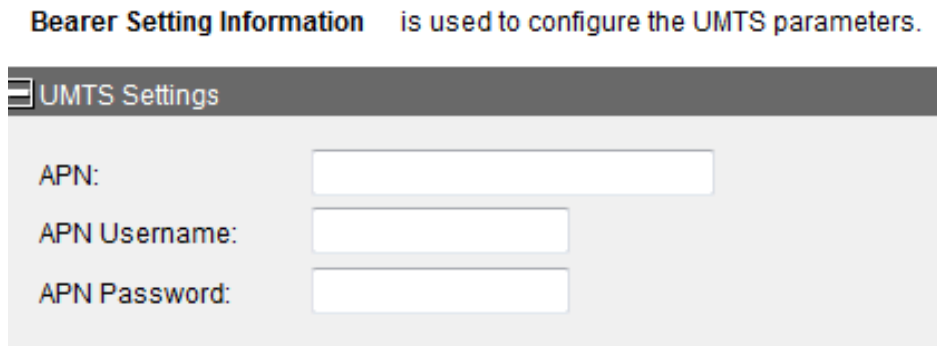
3

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 over the internet and the data sent to this address can be received.

A screenshot of the 'Backend Server Register Information' form, similar to the one in Step 2, but with 'Report Mode' set to 'TCP short-connection forced mode'.

4

Please contact your SIM card provider to get the user information for UMTS. Input it in GTBSI setting.

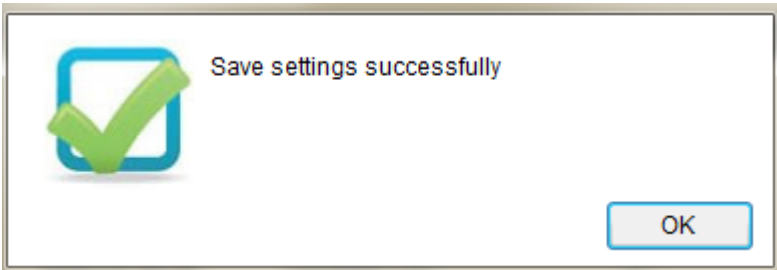
A screenshot of the 'Bearer Setting Information' form. It has a title bar and a subtitle 'is used to configure the UMTS parameters.' Below the subtitle is a section 'UMTS Settings' with three text boxes: 'APN:', 'APN Username:', and 'APN Password:'.

5

Press “Send” button and update the parameters of GL300M Series. Then the GL300M Series can report information to your backend server or SMS receiver. Note: These commands can also be sent to GL300M Series via SMS.

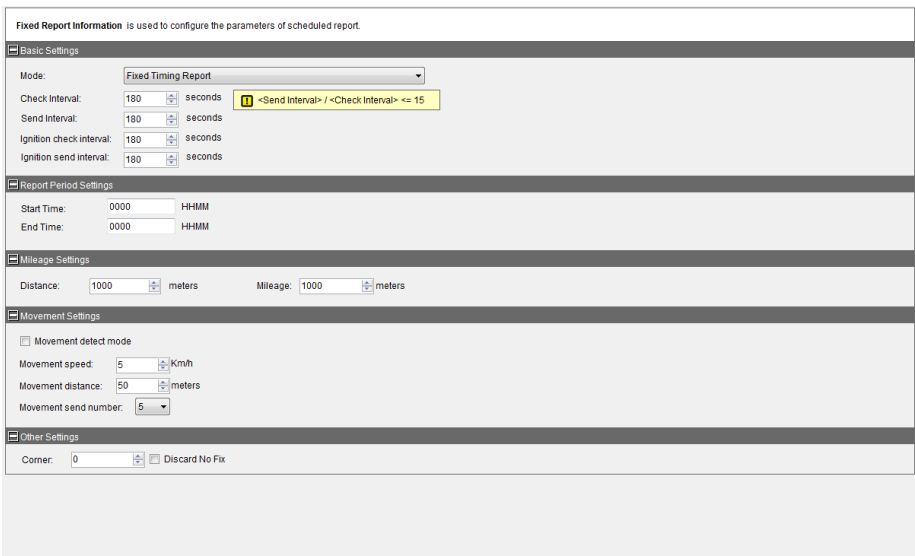
A screenshot of a command input field. It contains the text 'AT+GTBSI=gl300m,,,,,,0,FFFF\$' and has 'Read' and 'Send' buttons to its right.

Command has been accepted when you see the window shown below.

A screenshot of a 'Save settings successfully' dialog box. It has a title bar and a subtitle 'Save settings successfully'. Inside, there's a green checkmark icon and an 'OK' button.

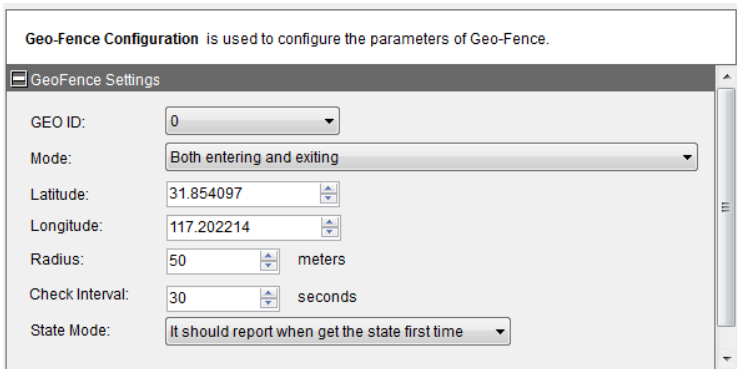
6

Set the parameters of fixed time report so that the GL300M Series will report its position to backend server periodically. Press “Send” button to update the parameters. Following screenshot shows how to configure the GL300M Series to report its position every 3 minutes.

A screenshot of the 'Fixed Report Information' form. It has a title bar and a subtitle 'is used to configure the parameters of scheduled report.' Below the subtitle are four sections: 'Basic Settings' with 'Mode' set to 'Fixed Timing Report'; 'Report Period Settings' with 'Start Time' (0000) and 'End Time' (0000); 'Message Settings' with 'Distance' (1000) and 'Mileage' (1000); and 'Movement Settings' with 'Movement detect mode' (unchecked), 'Movement speed' (5 km/h), 'Movement distance' (50 meters), and 'Movement send number' (5). There's also an 'Other Settings' section with 'Corner' (0) and 'Discard No Fix' (unchecked).

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' form. It has a title bar and a subtitle 'is used to configure the parameters of Geo-Fence.' Below the subtitle is a section 'GeoFence Settings' with fields: 'GEO ID' (0), 'Mode' (Both entering and exiting), 'Latitude' (31.854097), 'Longitude' (117.202214), 'Radius' (50 meters), 'Check Interval' (30 seconds), and 'State Mode' (It should report when get the state first time).

After these steps, GL300M Series will have some basic tracking functions such as fixed time report and Geo-Fence. For other advanced functions of GL300M, please refer to “GL300M Series @Track Air Interface Protocol” or visit our website.

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