

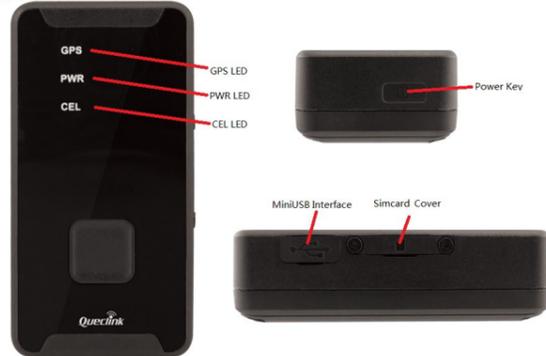


1 **Check Parts List**



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.

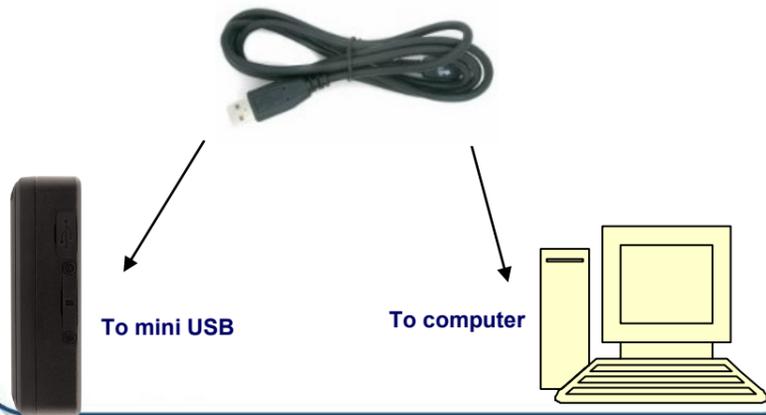


3 **Turn On GL300M Series**

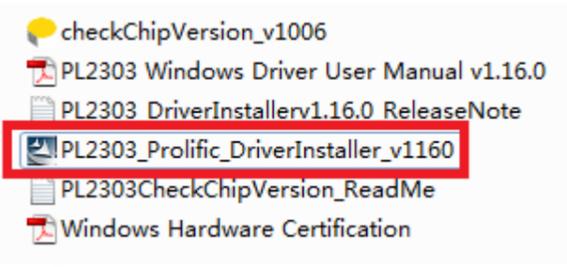


Power Key

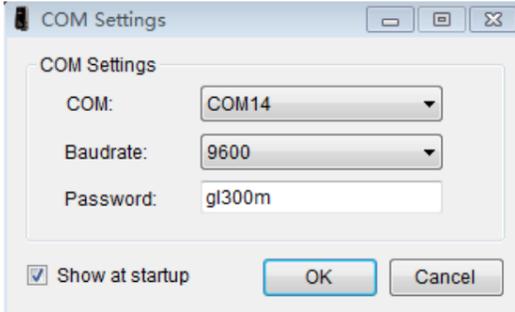
4 **Connect GL300M Series to your computer with USB Data_Cable_M.**



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.

COM Settings

COM: COM14

Baudrate: 9600

Password: gl300m

Show at startup

OK 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.

Backend Server Register Information 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: 111.222.33.444

Main Server Port: 8081

Backup Server IP: 111.222.33.255

Backup Server Port: 0

SMS Gateway: +861234567890

Other Settings

Heartbeat Interval: 15 minutes SMSACK Enable

SACK Enable: Disable SACK

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.

Backend Server Register Information 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: 111.222.33.444

Main Server Port: 8081

Backup Server IP: 111.222.33.255

Backup Server Port: 0

SMS Gateway: +861234567890

Other Settings

Heartbeat Interval: 15 minutes SMSACK Enable

SACK Enable: Disable SACK

Buffer Enable: Enable the BUFFER function

4

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

Bearer Setting Information is used to configure the UMTS parameters.

UMTS Settings

APN:

APN Username:

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.

AT+GTBSI=gl300m,,,,,,,,,0,FFFF\$

Read

Send

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

Save settings successfully

OK

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.

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

Basic Settings

Mode: Fixed Timing Report

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

Send Interval: 180 seconds

Ignition check interval: 180 seconds

Ignition send interval: 180 seconds

Report Period Settings

Start Time: 0000 HMM

End Time: 0000 HMM

Mileage Settings

Distance: 1000 meters

Mileage: 1000 meters

Movement Settings

Movement detect mode

Movement speed: 5 km/h

Movement distance: 50 meters

Movement send number: 5

Other Settings

Corner: 0 Discard No Fix

7

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

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

GeoFence Settings

GEO ID: 0

Mode: Both entering and exiting

Latitude: 31.854097

Longitude: 117.202214

Radius: 50 meters

Check Interval: 30 seconds

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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