![Queclink Wireless Solutions logo]

GL300W 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 **Check The Appearance**
Please refer to page 2 for detail

GPS LED
PWR LED
CEL LED
Power Key
MiniUSB Interface   Simcard Cover
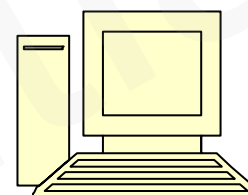
3 **Turn On GL300W**

Power Key

4 Connect GL300W to computer by USB Data_Cable_M.
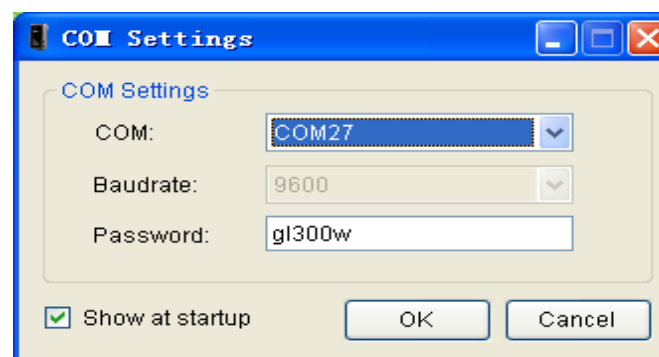
To mini USB   To computer

5 Find"Queclink_WCDMA_USBDriver_V1.00.rar" choose the suitable driver for your computer system. If you have already installed it please go to **Step 6**.

TestCertificate   Windows7   Windows8

XP-Vista   ReadMe.rtf
Rich Text Format
25,808 KB

6 Find "Queclink GL300W_Manage_Tool_V1.0.exe" in develop suit and run it to configure the running parameters of GL300W.
Please refer to **Page 2** for detail.

COM Settings
COM Settings
COM: COM27
Baudrate: 9600
Password: gl300w
☑ Show at startup   OK   Cancel

7 Before the first time using GL300W, please full charge the battery

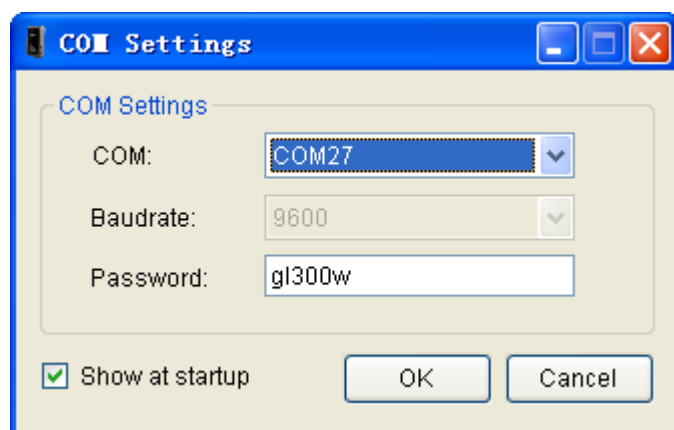**8** Better place the GL300W under the open sky, and let the surface which has indication Led to the sky.

Here is GPS Antenna

1 Run manage tool. Select correct com port and input default password "GL300W". Then press OK.

COM Settings
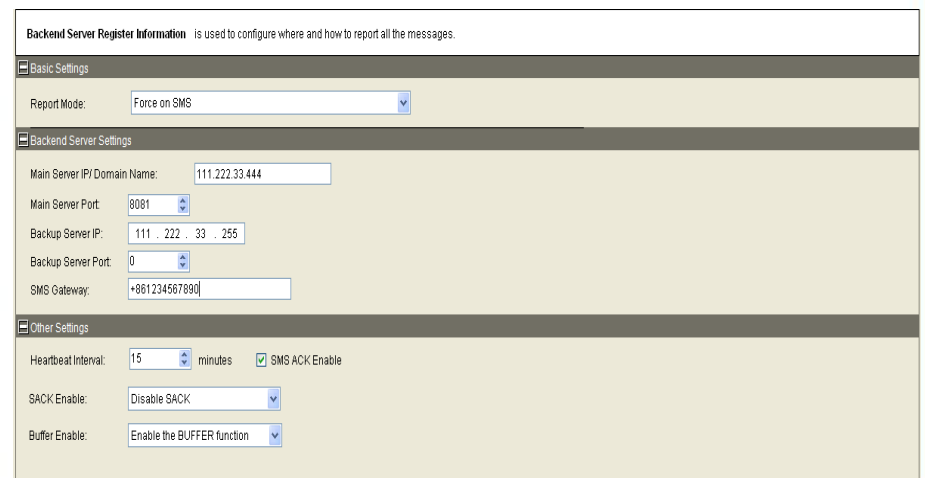
COM Settings
- COM: COM27
- Baudrate: 9600
- Password: gl300w

☑ Show at startup OK Cancel

2 If you want to test the GL300W by SMS then set "Report Mode" to "SMS" and input the phone number which you want to receive the SMS from GL300W. After that you can

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
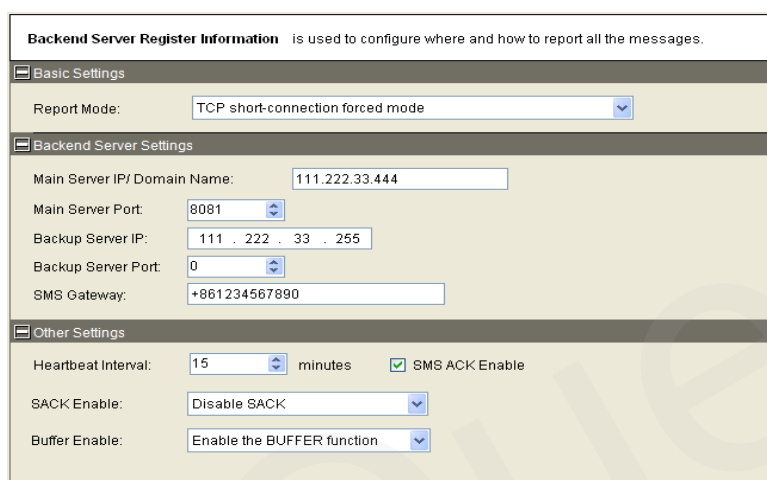- SMS Gateway: +861234567890

Other Settings
- Heartbeat Interval: 15 minutes ☑ SMS ACK 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 by internet and the data sends 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
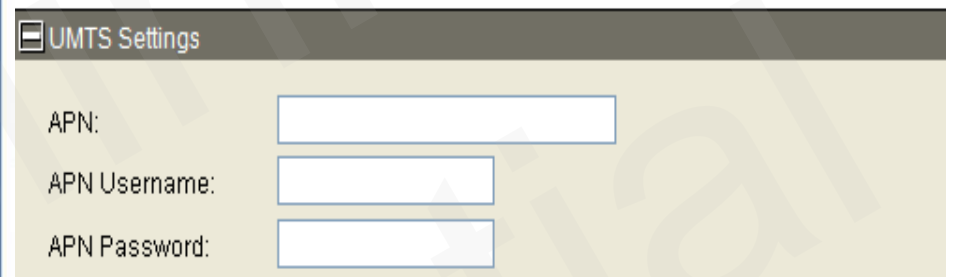- Heartbeat Interval: 15 minutes ☑ SMS ACK Enable
- SACK Enable: Disable SACK
- Buffer Enable: Enable the BUFFER function

4 Please contact your SIM card provider and get the User information for UMTS. Input it in GTBSI setting.

Bearer Setting Information is used to configure the UMTS parameters.

UMTS Settings
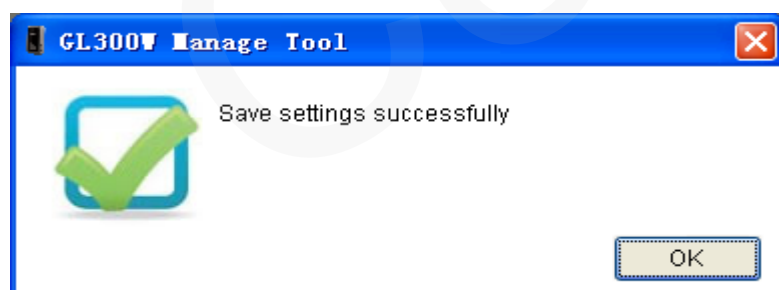- APN:
- APN Username:
- APN Password:

5 Press the "Send" button and update the parameters of GL300W. Then the GL300W can report information to your backend server or SMS receiver.
Note: These commands can also be sent to GL300W by SMS.

AT+GTBSI=gl300w,3gnet,444,444,11,,,,FFFF$ Read Send

Command has been accepted when you see the success window.
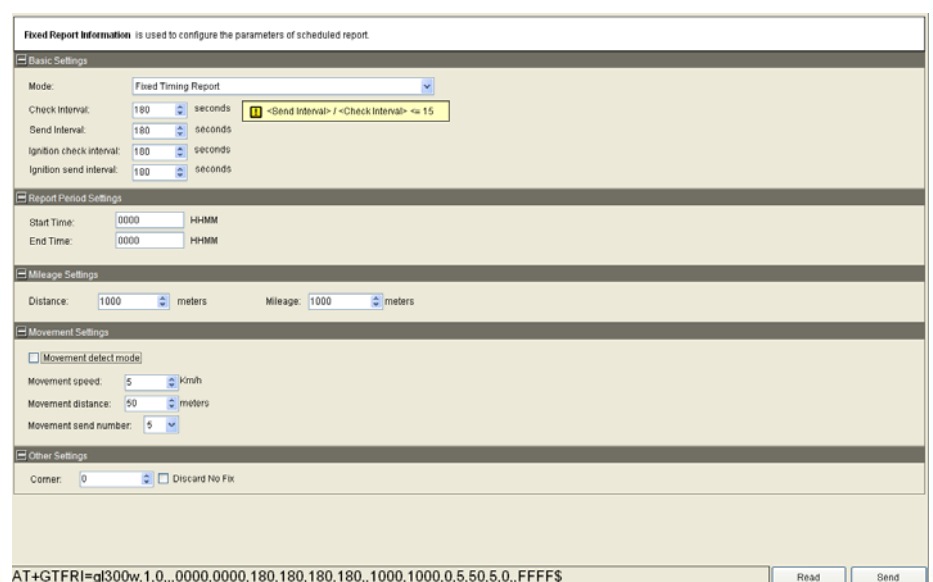
GL300W Manage Tool

✓ Save settings successfully

OK

6 Set the parameters of scheduled fixed timing report so that the GL300W 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 GL300W to report it's 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 HHMM
- End Time: 0000 HHMM

Mileage Settings
- Distance: 1000 meters   Mileage: 1000 meters

Movement Settings
- ☐ Movement detect mode
- Movement speed: 5 Km/h
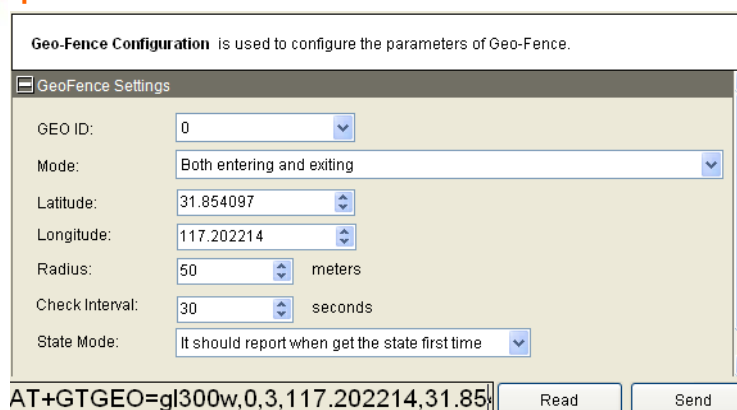- Movement distance: 50 meters
- Movement send number: 5

Other Settings
- Corner: 0   ☐ Discard No Fix

AT+GTFRI=gl300w,1,0,,,0000,0000,180,180,180,,1000,1000,0,5,50,5,0,,FFFF$ Read Send

7 The following screen shot shows how to create a Geo-Fence rule. 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

AT+GTGEO=gl300w,0,3,117.202214,31.85 Read Send

After these steps. GL300W will have some basic tracking functions like scheduled timing report and Geo-Fence. For other advanced functions of GL300W please refer to "GL300W @Tracker Air Interface Protocol" or visit our website.

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