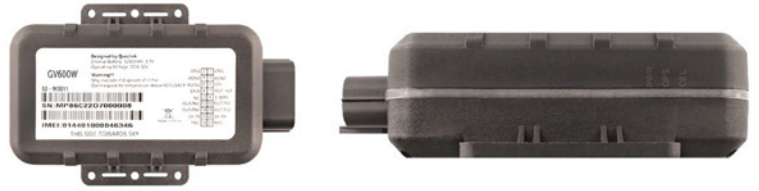# MONDO TRACKING

GV600 Series Quick Start

Page 1 : Basic Operation

1 Check Parts List

The USB Data_Cable_M is just for sample test only. In mass production, there is only an 18-pin cable for the device.
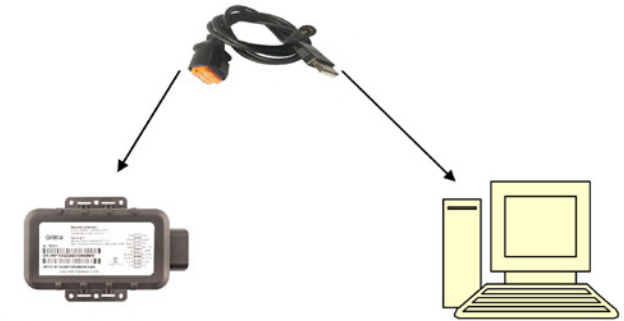
2 Install the SIM card.

3 Connect the GV600 series to external power supply for battery charging.
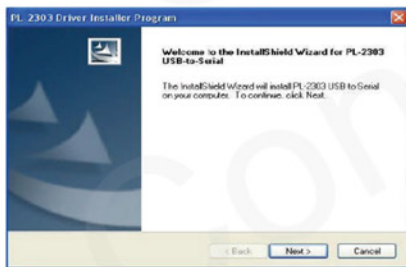
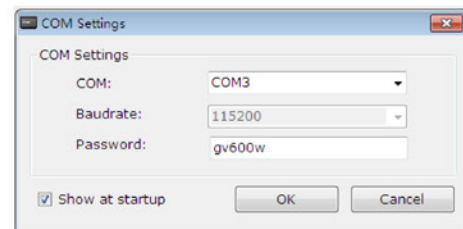**4** Connect GV600 Series to computer by the USB cable for configuration.

5 Find "PL2303_Prolific_Driverinstaller_Vxxxx" and choose the suitable driver for your computer system. If you have already installed it, please go to Step 6.

PL-2303 Driver Installer Program

Welcome to the InstallShield Wizard for PL-2303 USB-to-Serial

The InstallShield Wizard will install PL-2303 USB to Serial on your computer. To continue, click Next.

< Back   Next >   Cancel

6 Find "Queclink GV600 Series_Manage_Tool_Vx.x.exe" in develop suit and run it to configure the running parameters of GV600 Series. Please refer to Page 2 for details.

COM Settings

COM Settings

COM:	COM3
Baudrate:	115200
Password:	gv600w

☑ Show at startup   OK   Cancel

7 It is better to place the GV600 Series under the open sky, and let the surface which has tag face the sky.

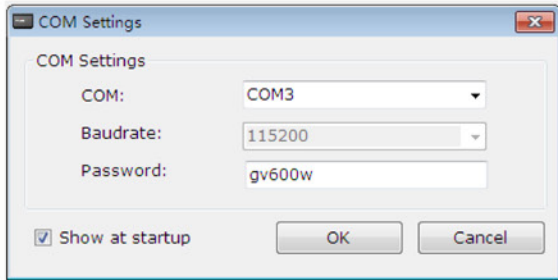Here is GPS Antenna.

8 Use the 18-pin wire harness to connect the device to the car.

1

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

COM Settings

COM Settings

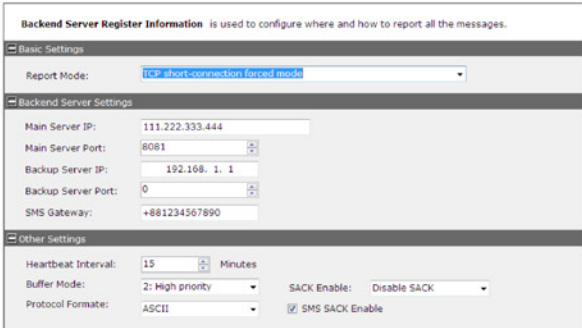|	
COM:	COM3
Baudrate:	115200
Password:	gv600w

☑ Show at startup   OK   Cancel

2

If you want to test the GV600 Series by SMS, set "Report Mode" to "Force on SMS" and input the phone number which you want to receive the SMS from GV600 Series. After that you can go to Step 6. Otherwise please go to Step 3.
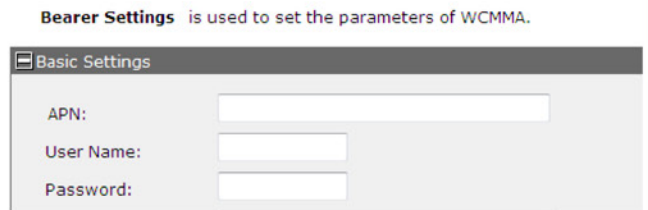
Backend Server Register Information is used to configure where and how to report all the messages.

Basic Settings

Report Mode:	Force on SMS

Backend Server Settings

Main Server IP:	111.222.333.444
Main Server Port:	8081
Backup Server IP:	192.168. 1. 1
Backup Server Port:	0
SMS Gateway:	+881234567890

Other Settings

Heartbeat Interval:	15	Minutes	
Buffer Mode:	2: High priority	SACK Enable:	Disable SACK
Protocol Formate:	ASCII	☑ SMS SACK Enable	

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.

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:	111.222.333.444
Main Server Port:	8081
Backup Server IP:	192.168. 1. 1
Backup Server Port:	0
SMS Gateway:	+881234567890

Other Settings

Heartbeat Interval:	15	Minutes	
Buffer Mode:	2: High priority	SACK Enable:	Disable SACK
Protocol Formate:	ASCII	☑ SMS SACK Enable	

4

Please contact your SIM card provider and get the user information for network. Input it in GTBSI setting.
Note: APN can't be empty.

Bearer Settings is used to set the parameters of WCMMA.

Basic Settings

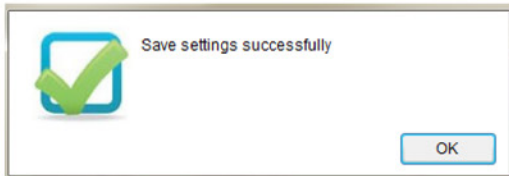|	
APN:	
User Name:	
Password:	

5

Press the "Send" button to update the parameters of GV600 Series. Then the GV600 series can report information to your backend server or SMS receiver.
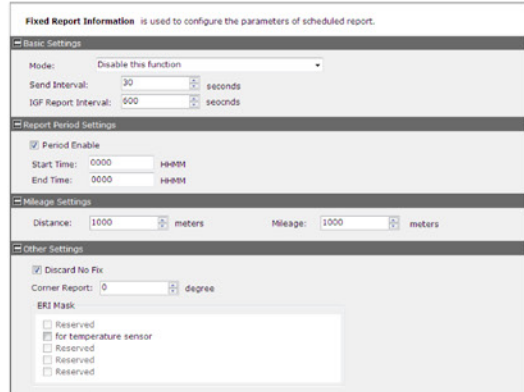Note: These commands can also be sent to GV600 Series by SMS.

AT+GTBSI=gv600w,3gnet,,,cmnet,,,2,0000$ Read   Send

Command has been accepted when you see the success window.
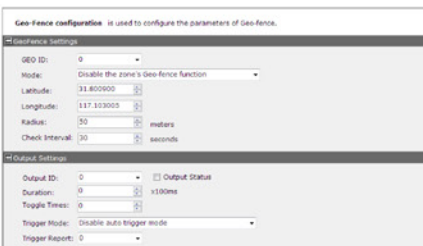
Save settings successfully

OK

6

Set the parameters of fixed timing report so that the GV600 Series will report it's position to backend server periodically. Press "Send" button to update the parameters.
Following screen shot shows how to configure the GV600 Series to report it's position every 3 minutes.

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

Basic Settings

Mode:	Disable this function	
Send Interval:	30	seconds
IGF Report Interval:	600	seconds

Report Period Settings

☑ Period Enable

Start Time:	0000	HHMM
End Time:	0000	HHMM

Mileage Settings

Distance:	1000	meters	Mileage:	1000	meters

Other Settings

☑ Discard No Fix

Corner Report: 0   degree

ERI Mask
☐ Reserved
☐ for temperature sensor
☐ Reserved
☐ Reserved
☐ Reserved

7

The following screen shot 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:	Disable the zone's Geo-fence function
Latitude:	31.800000
Longitude:	117.103000
Radius:	30 meters
Check Interval:	30 seconds

Output Settings

Output ID:	0 ☐ Output Status
Duration:	0 x100ms
Toggle Times:	0
Trigger Mode:	Disable auto trigger mode
Trigger Report:	0

After these steps, GV600 Series will have some basic tracking functions such as fixed timing report and Geo-Fence. For other advanced functions of GV600, please refer to "GV600 Series @Tracker Air Interface Protocol" or visit our website.

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