



GSM/GPRS/GPS Tracker **GL200**
Manage Tool User Guide

TRACGL200MT002

Revision: 2.03



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1. Revision history

Revision	Date	Author	Description of change
2.00	2011-7-20	Marry ma	Instruction of the Manage Tool V3.0 which apply to software version GL200R00A09V05M32_SST and GL200R00A09V06M128_NMX
2.01	2011-08-16	Marry ma	Add chapter 2.1 to define system requirements.
2.02	2011-10-26	Elkan Du	Instruction of the Manage Tool V3.2 which apply to software version GL200R00A10V05M32_SST and GL200R00A10V02M128_NMX
2.03	2013-05-02	Miranda Wang	<ol style="list-style-type: none">1. Add chapter 3.2.10, 3.2.20, 3.2.21, 3.2.22 and 3.2.23;2. Instruction of the Manage Tool V3.8 which apply to software version GL200R00A17V11M128_NMX

2. GL200 Manage Tool Interface

GL200 manage tool is PC software which can be used to configure GL200 through Data_Cable_M. It is easy for the backend server developers to configure GL200 with manage tool, which has friendly user interface. The correct command messages sent to GL200 will be displayed on the manage tool. (These messages can also be sent by SMS or GPRS).

The administrators can also use the manage tool to configure GL200 before selling. But it is strongly recommended to establish a backend server and implement the way to control GL200 by SMS or GPRS. Please refer to “*GL200 @Track Air Interface Protocol*” for detail.

Before using the manage tools please find “PL2303_Prolific_DriverInstaller_v1417.zip” in develop suit and install the driver for PL2303. After that a new COM port can be found in the PC system, and then please follow the steps as below:

1. Power on GL200.
2. Connect GL200 to PC with Data_Cable_M.
3. Run “**Queclink GL200 Manage Tool Vx.xx.exe**”.

2.1. System Requirements

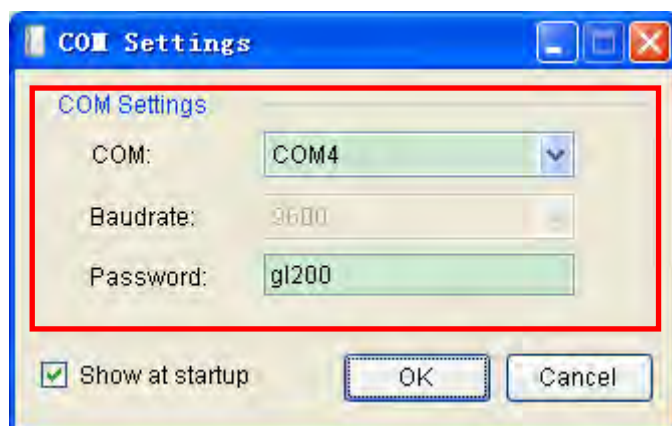
In order for this manager tool to run on your computer, you must use it in below operating system:

- ◆ Windows 98SE;
- ◆ Windows ME Windows 2000 SP4;
- ◆ Windows XP SP2 and above (32 & 64 bit);
- ◆ Windows Server 2003 (32 & 64 bit);
- ◆ Windows Server 2008 (32 & 64 bit);
- ◆ Windows Vista (32 & 64 bit);
- ◆ Windows 7 (32 & 64 bit);

Supported System Environments:

- ◆ Microsoft .NET Framework 2.0 or higher

2.2. COM Setting



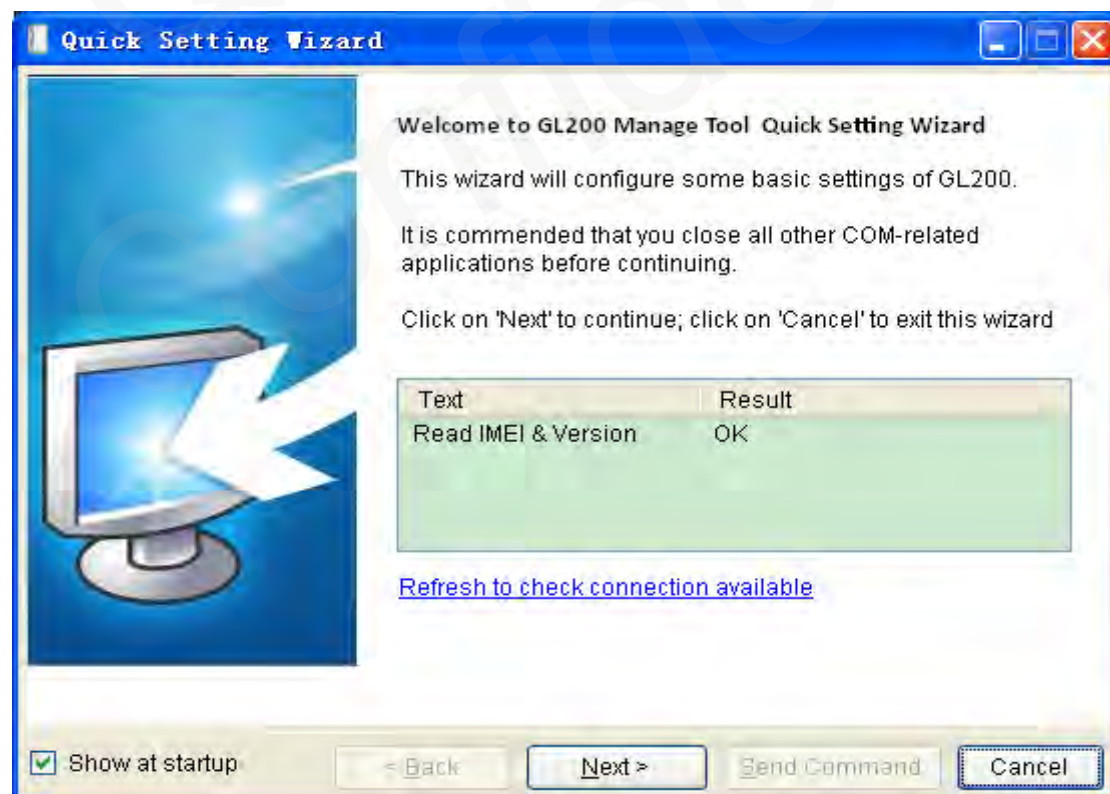
Select the COM port, input the password “gl200”, and the main window will display.

2.3. Quick Setting Wizard

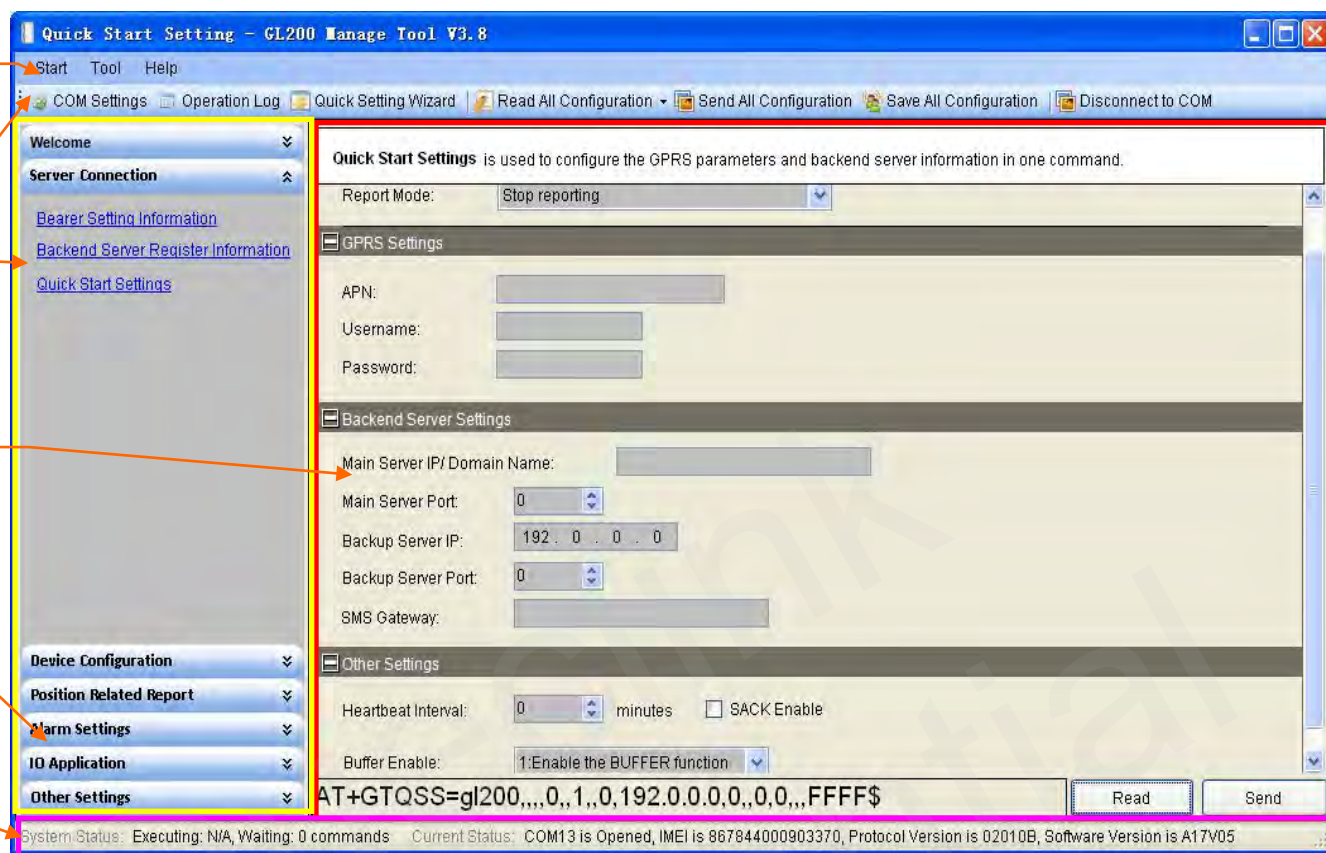
The quick setting wizard gives a basic setting for device. If you want use more functions of GL200, please change to enter professional setting mode.

Before you enter quick setting wizard, you must make sure the COM connection is OK.

Please refer chapter 3.1 for the detail of setting with quick setting wizard.



2.4. Professional Setting Windows

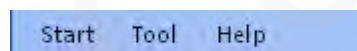


2.4.1 Title Bar

Title Bar indicates current operational command title.

2.4.2 Menus

It include “Start”, “Tool”, “Help” menu in menus.



2.4.2.1 Start Menu

Start menu include “COM Settings”.

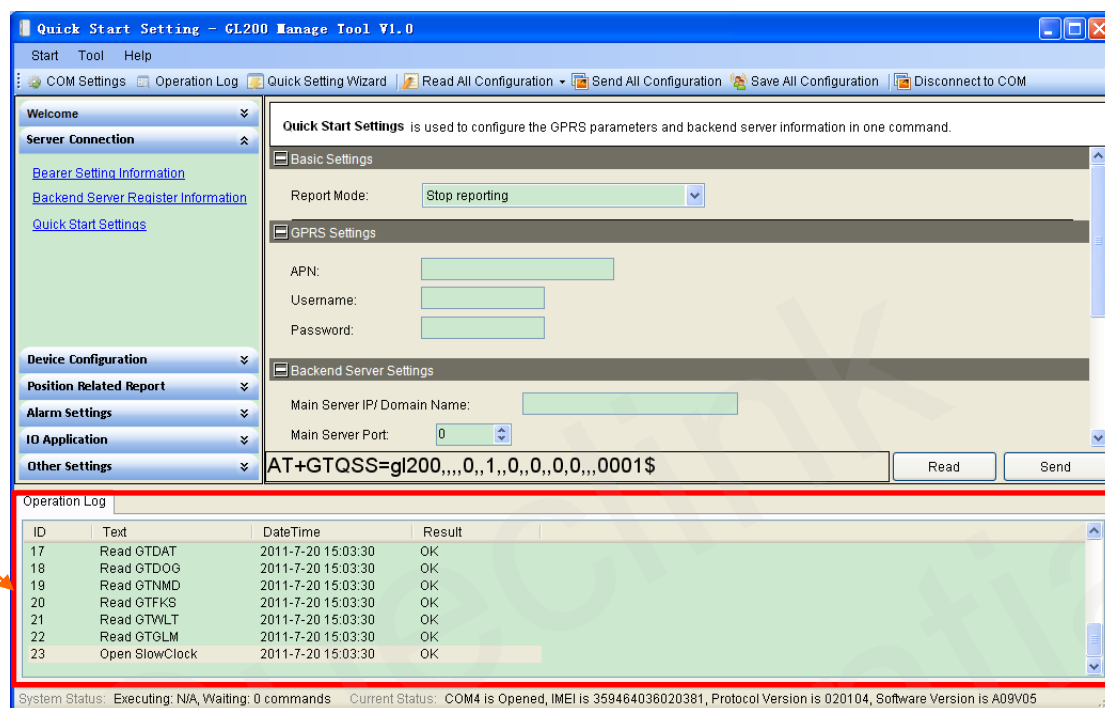
[COM Setting]: It is used to set the COM information and password Setting details, please refer to chapter 2.2

2.4.2.2 Tool Menu

Tool menu include “Quick Setting Wizard”, “Operation Log”, “Options” setting.

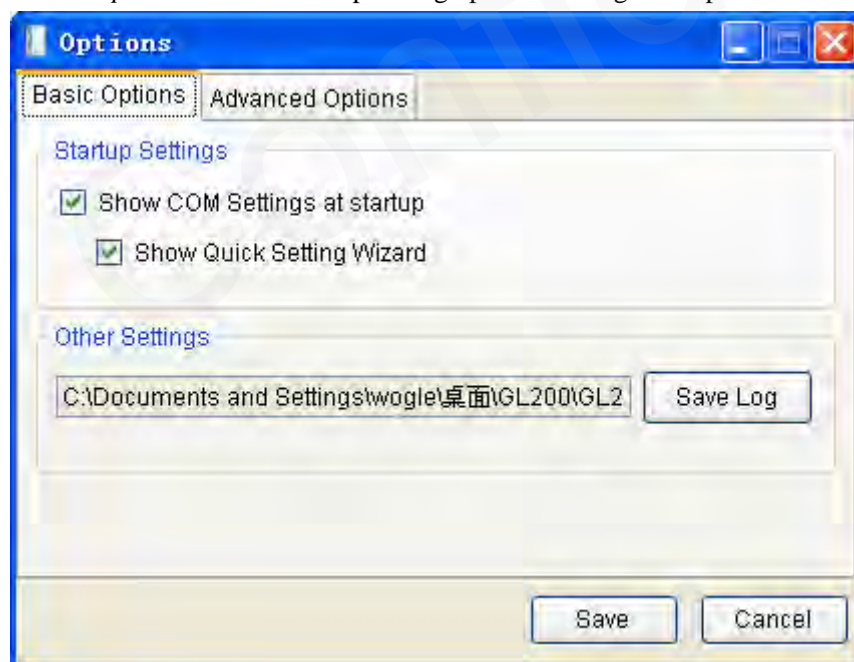
[Quick Setting Wizard]: It is used to open quick setting wizard directly. Please refer to chapter 3.1 for details.

[Operation Log]: It is used to display/hidden the operation log.



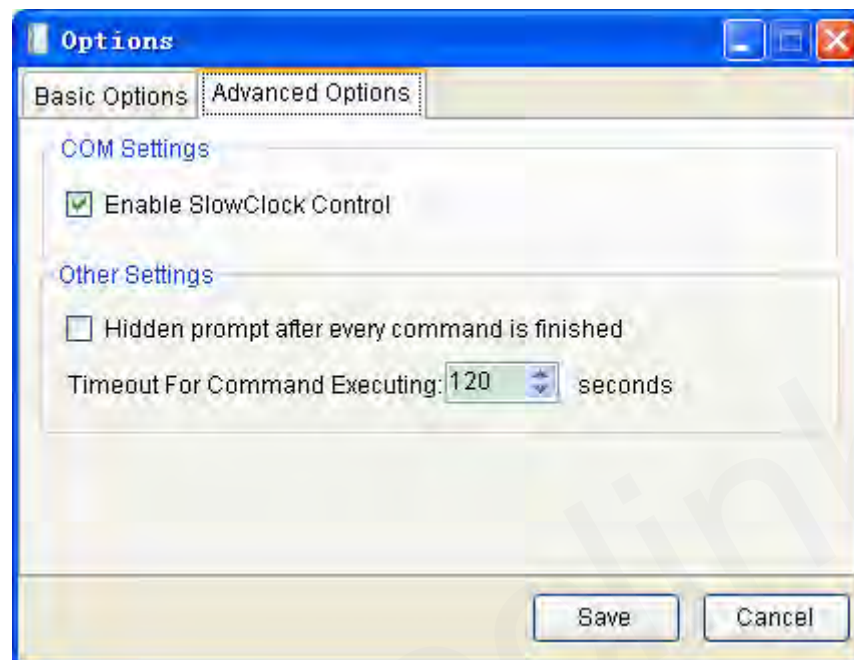
[Options]: It is used to set the basic setting of manage tool.

“Basic Options” include startup setting options and log save option.



“Advanced Options” include COM settings and other settings.

COM Settings is used to set enable/disable slowclock control. It is recommended using default setting for these settings.



2.4.2.3 Help Menu

Help menu include “About” and “Diagnosis”.

[About]: Select “About”. Then the following pop up window will display.



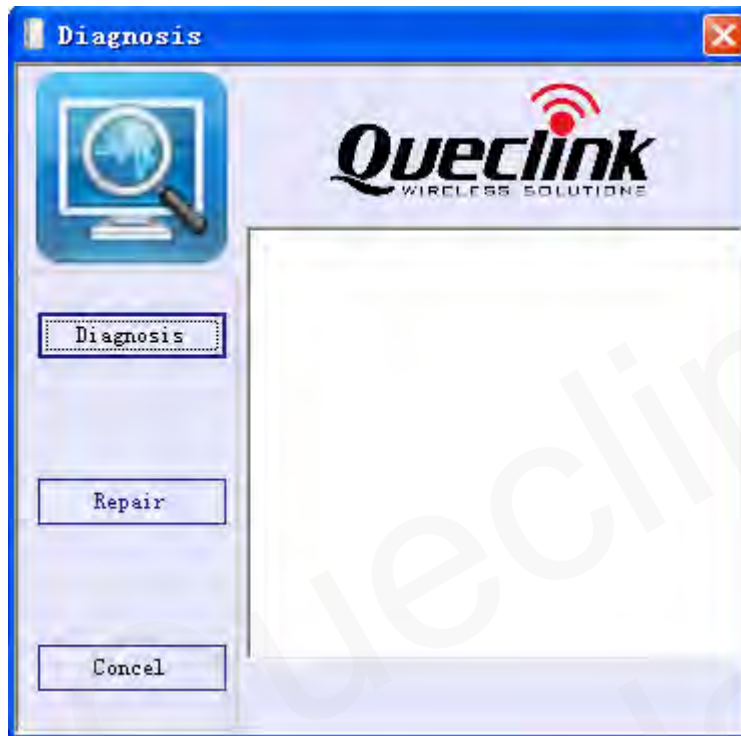
“Tool Version” indicates the version of this manage tool.

“*Support Version*” indicates the firmware which this manage tool used for.

“*Unit Version*” indicates the firmware which connects to the PC. It is recommended using the same version of support version. If it is different between support version and device version, the new character of device can not be used in this tool.

“*Device IMEI*” indicates the IMEI which connects to the PC.

[Diagnosis]: Select “*Diagnosis*”. Then the following pop up window will display.



This function is only for technology diagnosis when the device report data abnormally, please ignore it when it works normally.

2.4.3 Toolbar

It include “*COM Setting*”, “*Operation Log*”, “*Quick Setting Wizard*”, “*Real All Configuration*”, “*Execute All Configuration*”, “*Save All Configuration*”, “*Connect/Disconnect to COM*”.

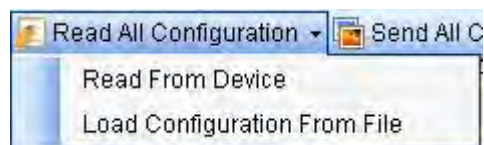


[COM Setting]: It is used to set the COM information and password. Setting details please refer to chapter 2.1.

[Operation Log]: It is used to display/hidden operation log.

[Quick Setting Wizard]: It is used to open quick setting wizard directly. Please refer to chapter 3.1 for details.

[Read All Configuration]: It is used to display/hidden operation log.



“Read From Device”: It is used to read all configuration from device which connects to PC.

“Load Configuration From File”: It is used to load configuration file to the manage tool.

[Send All Configuration]: It is used to execute all configurations in Command Operation Space except GTRTO.

[Save All Configuration]: It is used to save all configurations in Command Operation Space to file.

[Connect/Disconnect to COM]: It is used to Connect/Disconnect to COM manually.

2.4.4 Status Bar



System Status: Executing: N/A, Waiting: 0 commands Current Status: COM4 is Opened, IMEI is 359464036020381, Protocol Version is 020104, Software Version is A09V05

There is system status and current status in status bar.

[System Status]: It indicates the count of commands which are waiting and executing to set.

[Current Status]: It indicates current COM status, IMEI, protocol version and software version which read from device.

2.4.5 Command Browser and Command Operation Space

This area is mainly read and set parameters of device

2.4.5.1 Command Brower

Command Brower separates all @track protocol command to several parts. Click Function in command Brower, reference parameters of this command will be shown in command operation space.

Command Brower	Function Description	Relative Command
Server Connection	Bearer Setting Information	GTBSI
	Backend Server Register Information	GTSRI
	Quick Start Settings	GTQSS
Device Configuration	Global Configuration	GTCFG
	Auto-Unlock PIN	GTPIN
	Software Protocol Watchdog	GTDOG

	Time Adjustment	GTTMA
	Non Movement Detection	GTNMD
	Function Key Setting	GTFKS
	Outside Working Hours	GTOWH
Position Related Report	Fixed Position Report	GTFRI
Alarm Setting	Geo-Fence Configuration	GTGEO
	Speed Alarm	GTSPD
IO Application	Digital Output Port Settings	GTOUT
	Digital Input Settings	GTDIS
Other Settings	Real Time Operation	GTRTO
	Transparent Data Transmission	GTDTA
	White Call List Configuration	GTWLT
	Google Link SMS Configuration	GTGLM
	Network Select	GTNTS
	Store Command String	GTCMD
	User Defined Function	GTUDF
	Safe Flight Manager	GTSFM

2.4.5.2 Command Operation Space

Command Description

Parameters Area

Command Display

Quick Start Settings is used to configure the GPRS parameters and backend server information in one command.

Basic Settings

Report Mode: Stop reporting

GPRS Settings

APN:
 Username:
 Password:

Backend Server Settings

Main Server IP/ Domain Name:
 Main Server Port:
 Backup Server IP:
 Backup Server Port:
 SMS Gateway:

Other Settings

Heartbeat Interval: minutes ☐ SACK Enable
 Buffer Enable: 1:Enable the BUFFER function

AT+GTQSS=a|200...0..1..0.192.0.0.0..0.0...FFFF\$

Read
Send

[Command Description]: There is a short description for reference command.

[Parameters Area]: Set/Read parameters of this command in this area.

[**Command Display**]: Command with parameters in parameters area display in this area.

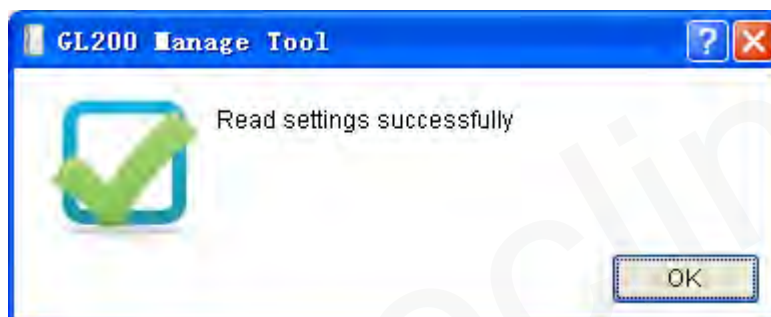
[**Read**]: Click this button to read this command from device.

[**Send**]: Click this button to send this command to device.

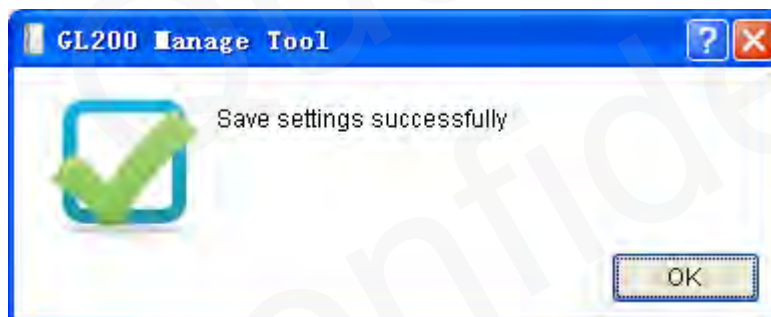
2.5. Operation Result Interface

2.5.1 Operation Successfully Interface

Command read OK.

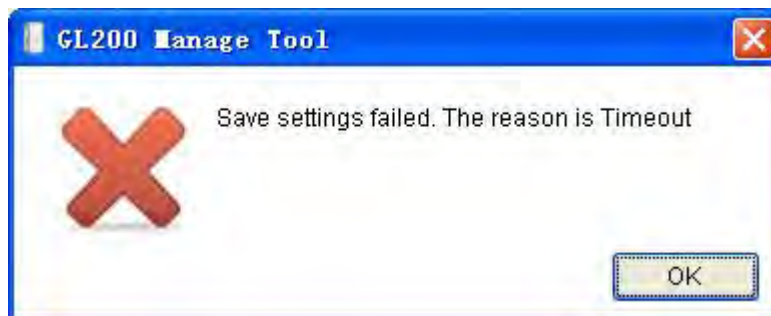


Command send OK.

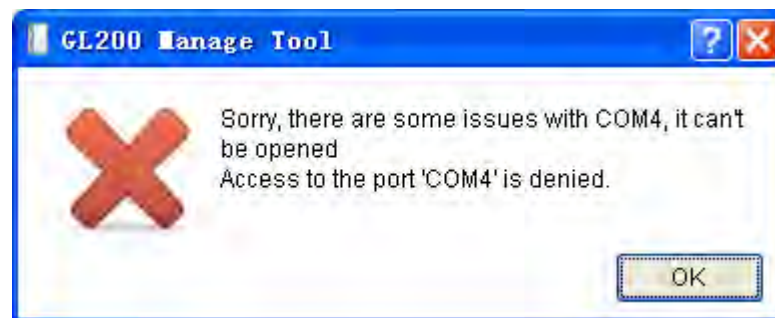


2.5.2 Operation Failed Interface

There should be COM port connection problem if the fail reason is timeout.



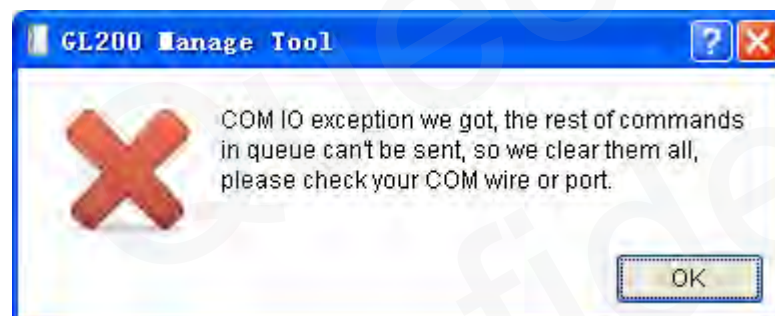
There should be COM port is occupied. Please close all other COM-related applications.



Please change to correct device password if Password Error.



There are some issues with this com, please check your com wire or port.



3. Operation Instruction

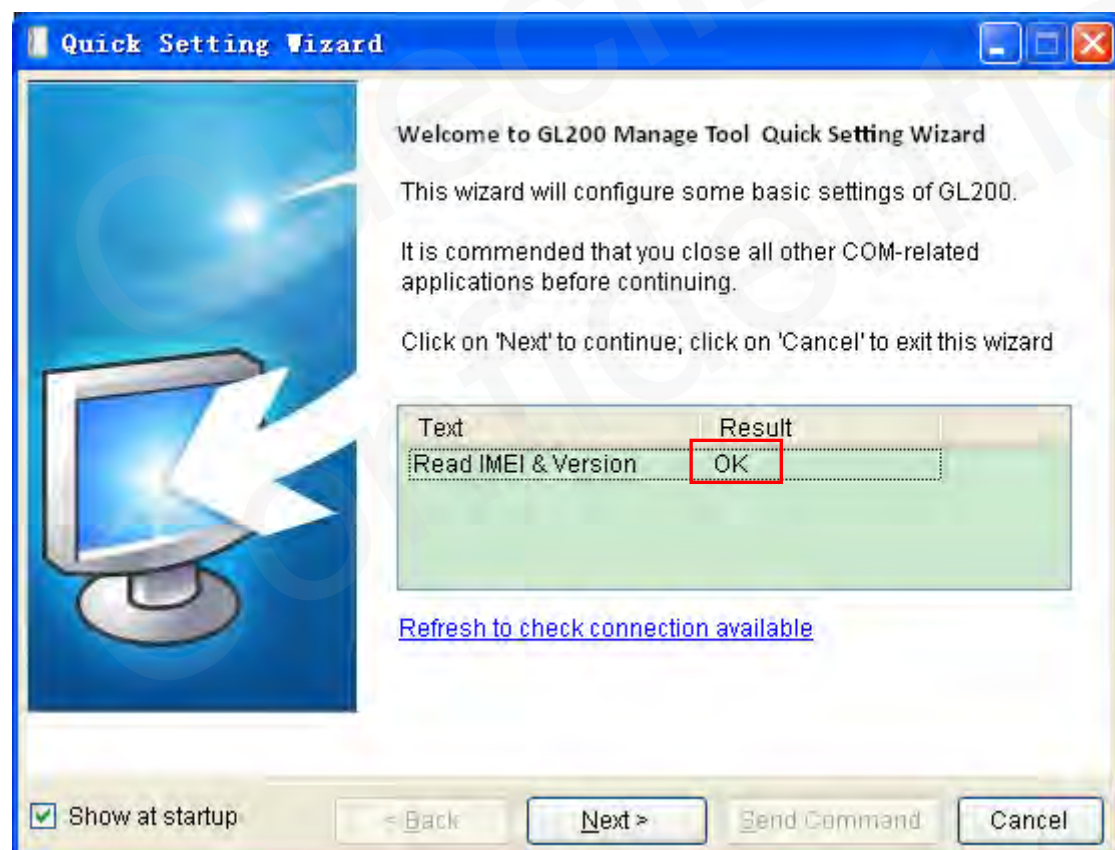
3.1. Device Configuration with Quick Setting Wizard

The manage tool is developed based on the @Track Air Interface Protocol. Please refer to “GL200 @Track Air Interface Protocol” for detail.

The quick setting wizard gives a basic setting for device. If you want use more functions of GL200, please change to professional setting mode.

3.1.1 Welcome to Quick Setting Wizard

Click “Quick Setting Wizard” in toolbar, open quick setting wizard. If the “Result” in this window is OK, click “Next”. If the “Result” is not OK, please check the COM port connection till the result is OK.



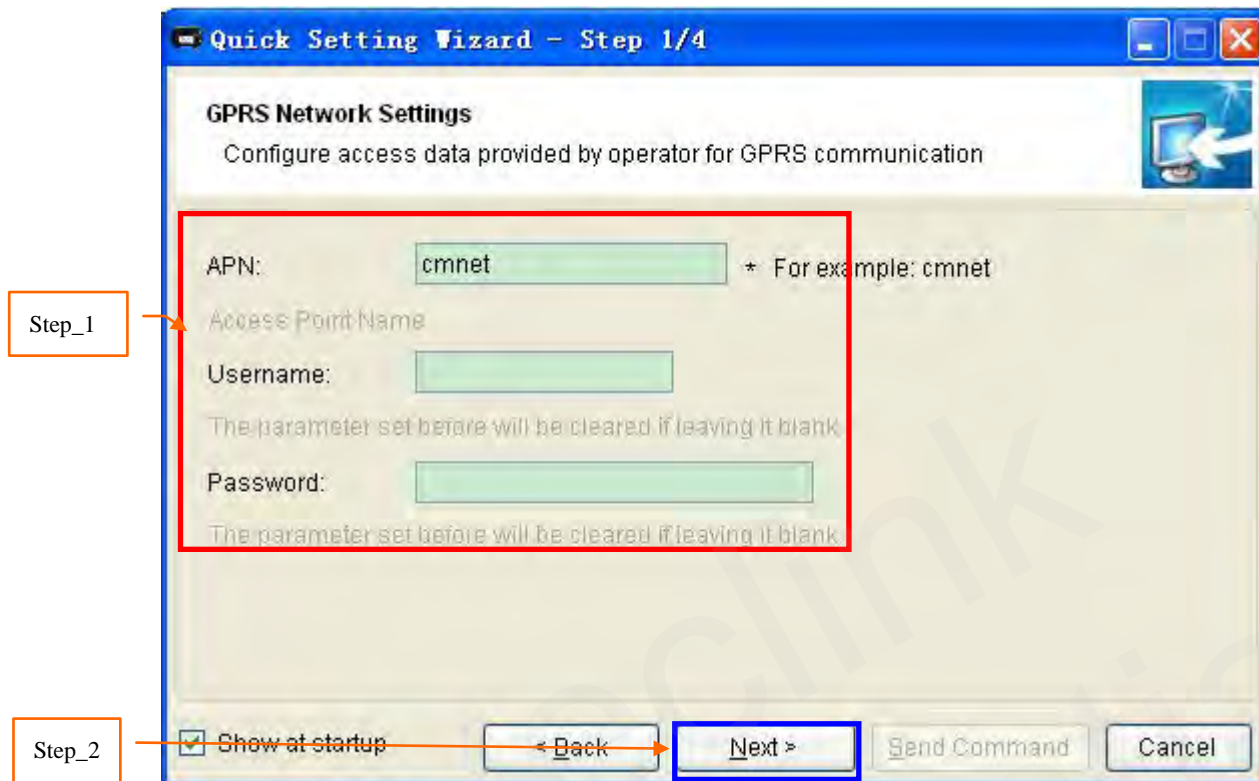
Welcome to Quick Setting Wizard

3.1.2 GPRS Network Setting

Step_1: Set APN, APN user name and password in this window. The meaning of these parameters,

please refer to the “GL200 @Track Air Interface Protocol” for detail.

Step_2: Then click “Next”.

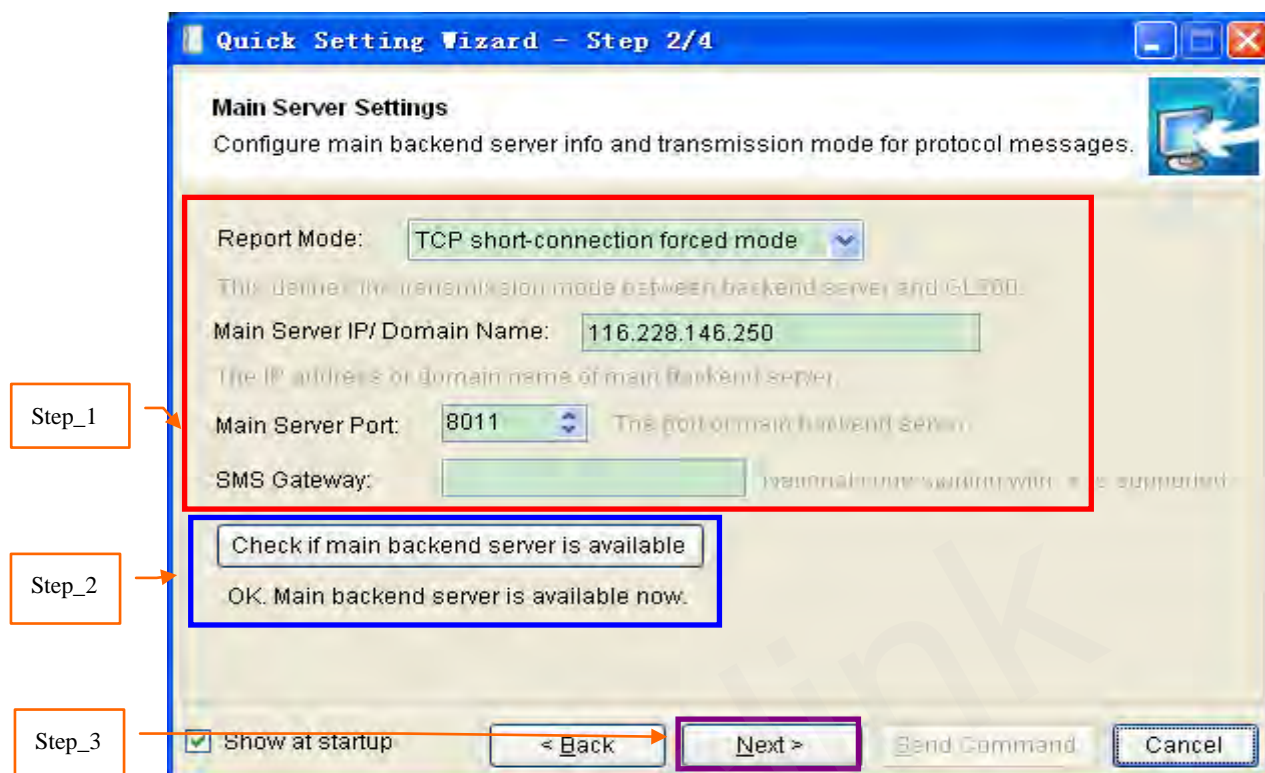


3.1.3 Main Server Setting

Step_1: Set report mode, main server, main server port, and SMS gateway in this window. The meaning of these parameters, please refer to the “GL200 @Track Air Interface Protocol” for detail.

Step_2: Click “Check if main backend server is available” to check if main server IP and port is valid in network. If the result is ERROR, please check the server connection. You can not get report from server if the server connection has problem.

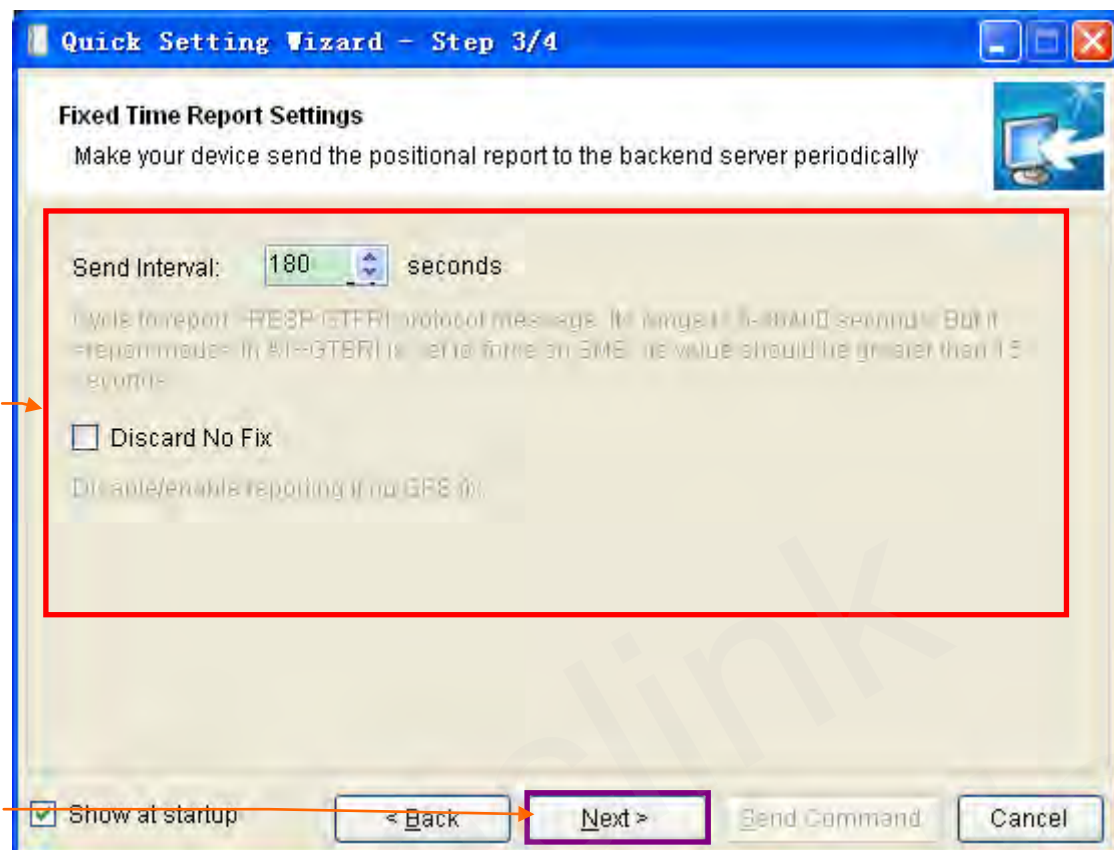
Step_3: Click “Next”.



3.1.4 Fixed Time Report Setting

Step_1: Set check interval, send interval, discard no fix in this window. The meaning of these parameters, please refer to the “GL200 @Track Air Interface Protocol” for detail.

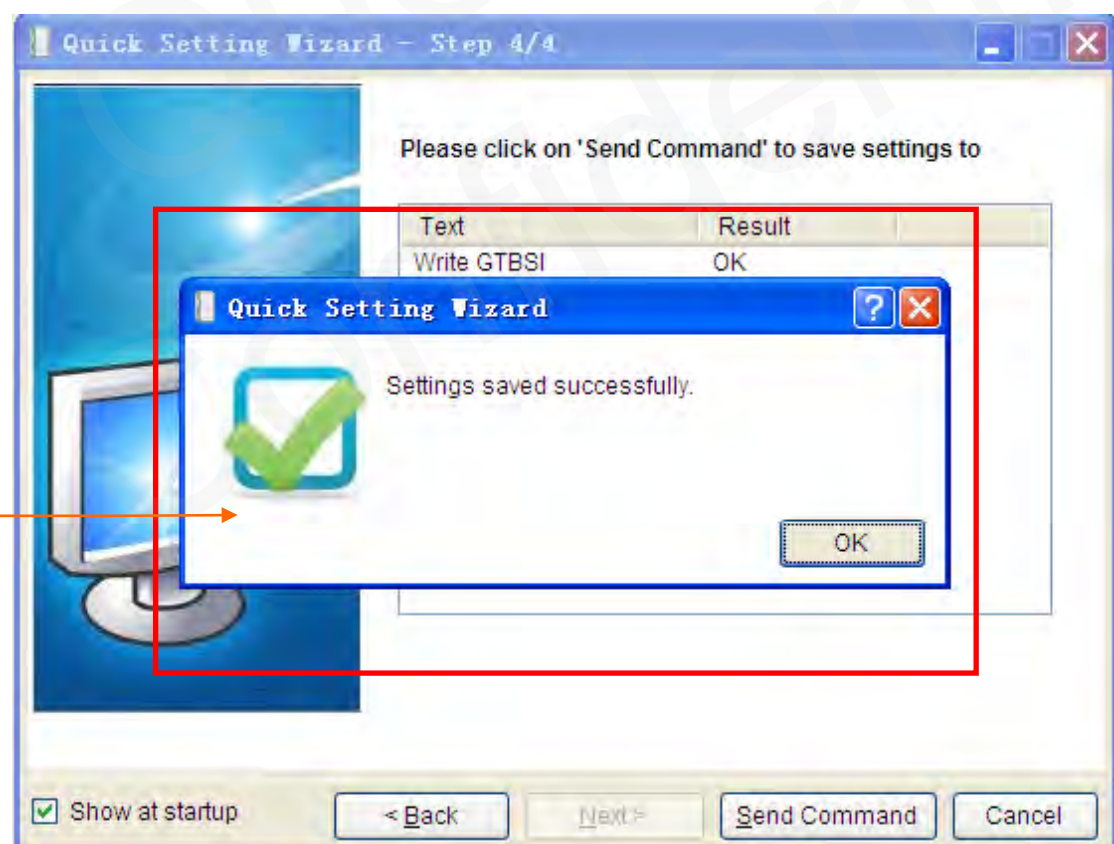
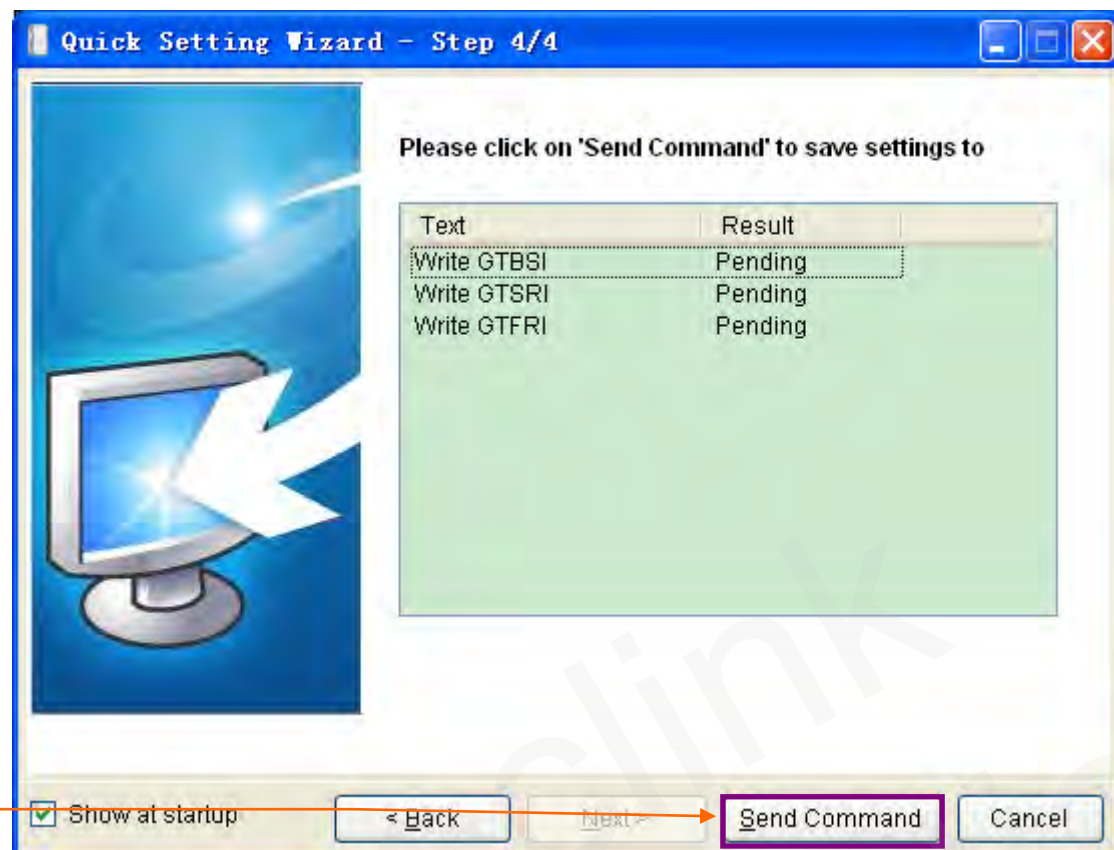
Step_2: Click “Next”.



3.1.5 Send Command to Device

Step_1: Click “Send Command”. Command *GTBSI*, *GTSRI*, and *GTFRI* will send to device.

Step_2: If the settings download successfully, the result return OK. Click “OK” to exit the quick setting wizard.

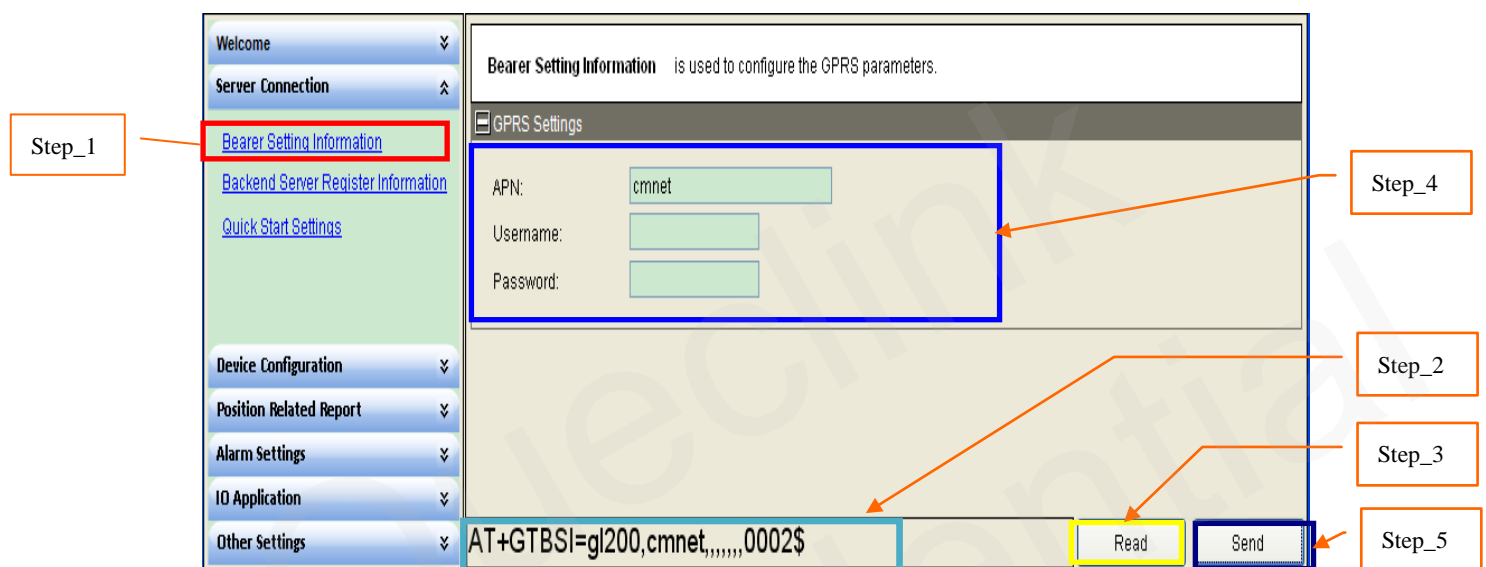


3.2. Device Configuration in Professional Setting Mode

The manage tool is developed based on the @Track Air Interface Protocol. Please refer to “GL200 @Track Air Interface Protocol” for detail.

Following is a general procedure to configure GL200 with manage tool.

3.2.1 Set the parameters of Bearer Setting Information



Step_1: Select “*Bearer Setting Information*”, after that the parameters of GTBSI show in Command Operation Space.

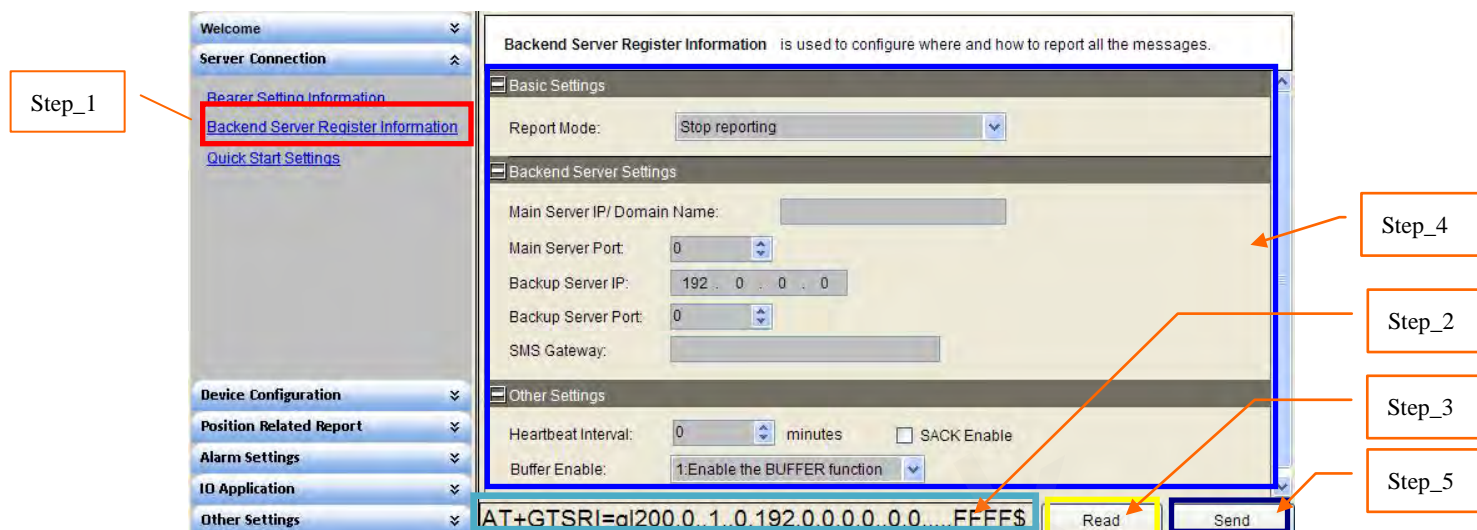
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set APN parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “*Send*” button; download the parameters of GTBSI to GL200.

3.2.2 Set the parameters of Backend Server Register Information



Step_1: Select “Backend Server Register Information”, after that the parameters of GTSRI show in Command Operation Space.

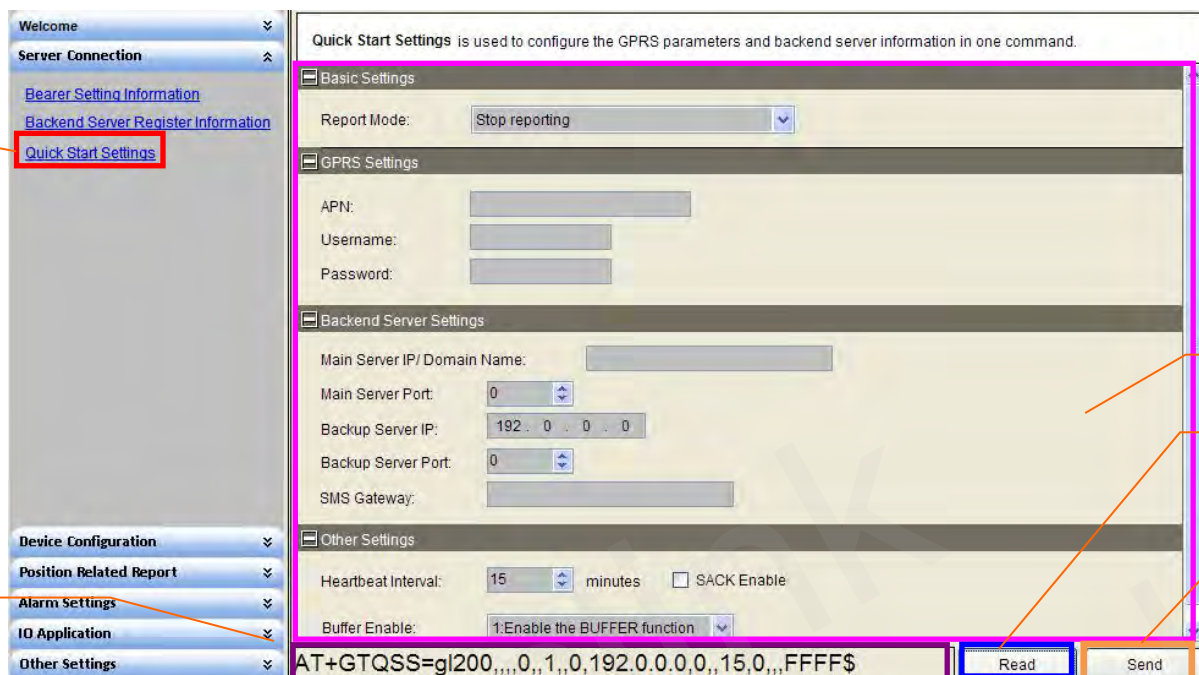
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set Backend Server Register Information parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTSRI to GL200.

3.2.3 Set the parameters of Quick Start Setting



Step_1: Select “Quick Start Settings”, after that the parameters of GTQSS show in Command Operation Space.

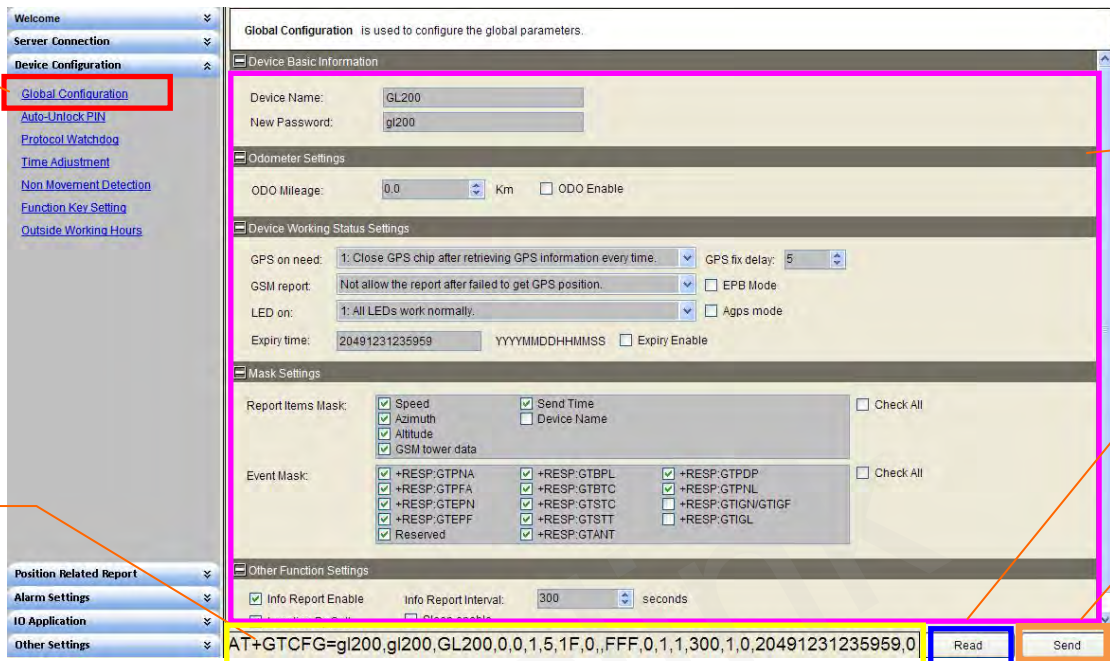
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the GPRS and backend server information parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTQSS to GL200.

3.2.4 Set the parameters of Global Configuration



The screenshot shows the 'Global Configuration' window of the GL200 Manage Tool. The left sidebar contains a tree view with 'Global Configuration' selected. The main area displays various configuration sections: Device Basic Information, Odometer Settings, Device Working Status Settings, Mask Settings, and Other Function Settings. At the bottom, a command field contains the AT command: `AT+GTCFG=gl200,gl200,GL200,0,0,1,5,1F,0,,FFF,0,1,1,300,1,0,20491231235959,0`. To the right of the command field are 'Read' and 'Send' buttons.

Five steps are highlighted with orange boxes and labels:

- Step_1:** Points to the 'Global Configuration' link in the left sidebar.
- Step_2:** Points to the command field at the bottom of the configuration window.
- Step_3:** Points to the 'Read' button.
- Step_4:** Points to the 'Send' button.
- Step_5:** Points to the 'Send' button.

Step_1: Select “Global Configuration”, after that the parameters of GTCFG show in Command Operation Space.

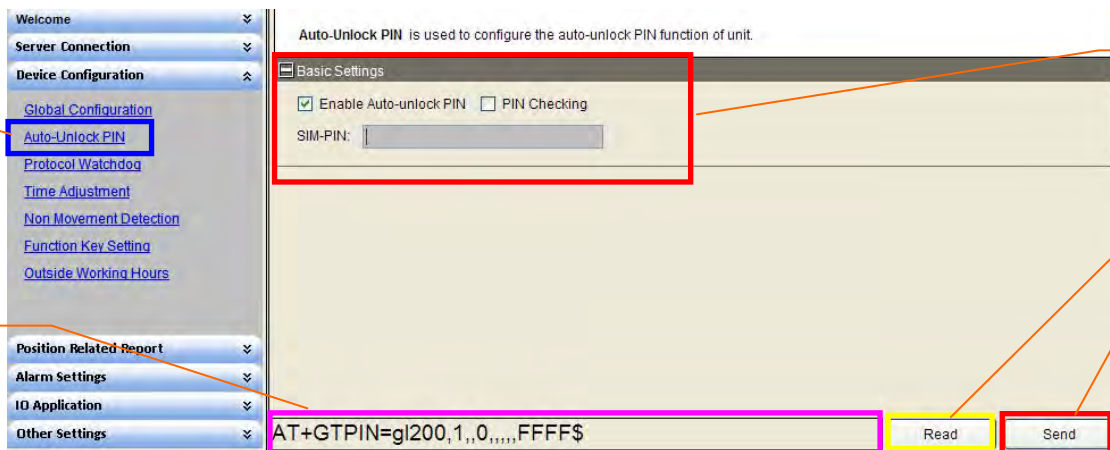
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the global parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTCFG to GL200.

3.2.5 Set the parameters of Auto-Unlock PIN



Step_1: Select “Auto-Unlock-PIN”, after that the parameters of GTPIN show in Command Operation Space.

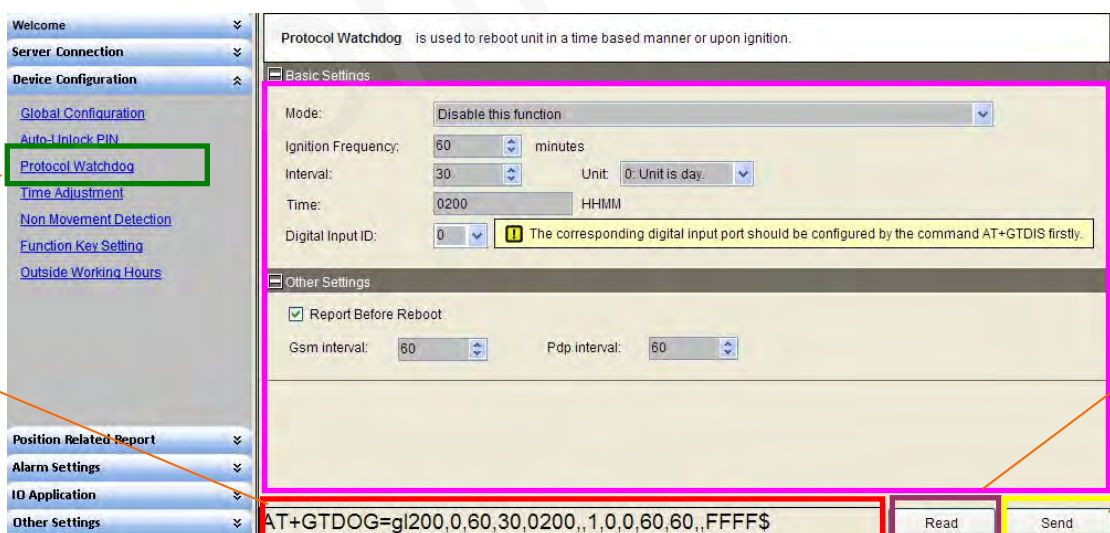
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the auto-unlock PIN parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTPIN to GL200.

3.2.6 Set the parameters of Protocol Watchdog



Step_1: Select “Software Protocol Watchdog”, after that the parameters of GTDOG show in

Command Operation Space.

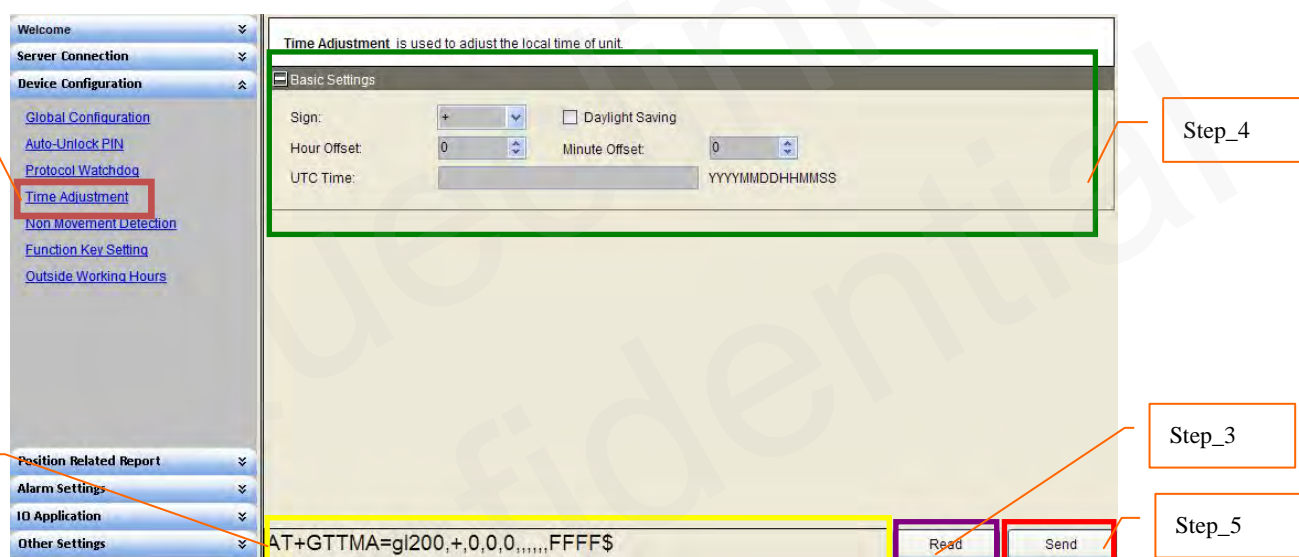
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the Software Protocol Watchdog parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTDOG to GL200.

3.2.7 Set the parameters of Time Adjustment



The screenshot shows the 'Time Adjustment' configuration page. The left sidebar contains a tree view with 'Time Adjustment' selected. The main area displays the 'Basic Settings' for time adjustment, including fields for Sign, Hour Offset, Minute Offset, and UTC Time. At the bottom, a command input field contains 'AT+GTTMA=gl200,+0,0,0,FFFF\$' with 'Read' and 'Send' buttons.

Step_1: Select “Time Adjustment”, after that the parameters of GTTMA show in Command Operation Space.

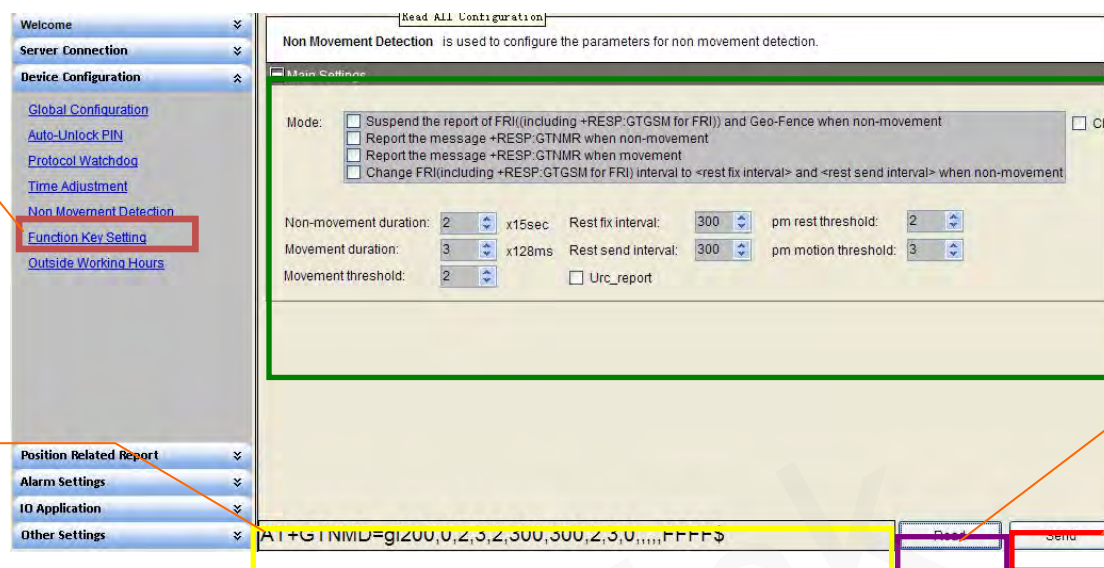
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Time Adjustment parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTTMA to GL200.

3.2.8 Set the parameters of Non Movement Detection



Read All Configuration

Non Movement Detection is used to configure the parameters for non movement detection.

Main Settings

Mode:

- ☐ Suspend the report of FRI(including +RESP:GTSM for FRI) and Geo-Fence when non-movement
- ☐ Report the message +RESP:GTNMR when non-movement
- ☐ Report the message +RESP:GTNMR when movement
- ☐ Change FRI(including +RESP:GTSM for FRI) interval to <rest fix interval> and <rest send interval> when non-movement

Non-movement duration: 2 x15sec Rest fix interval: 300 pm rest threshold: 2

Movement duration: 3 x128ms Rest send interval: 300 pm motion threshold: 3

Movement threshold: 2 ☐ Urc_report

AT+GTNMD=gl200,0,2,3,2,300,300,2,3,0,,,,,FFFF\$

Read Send

Step_1: Select “Non Movement Detection”, after that the parameters of GTNMD show in Command Operation Space.

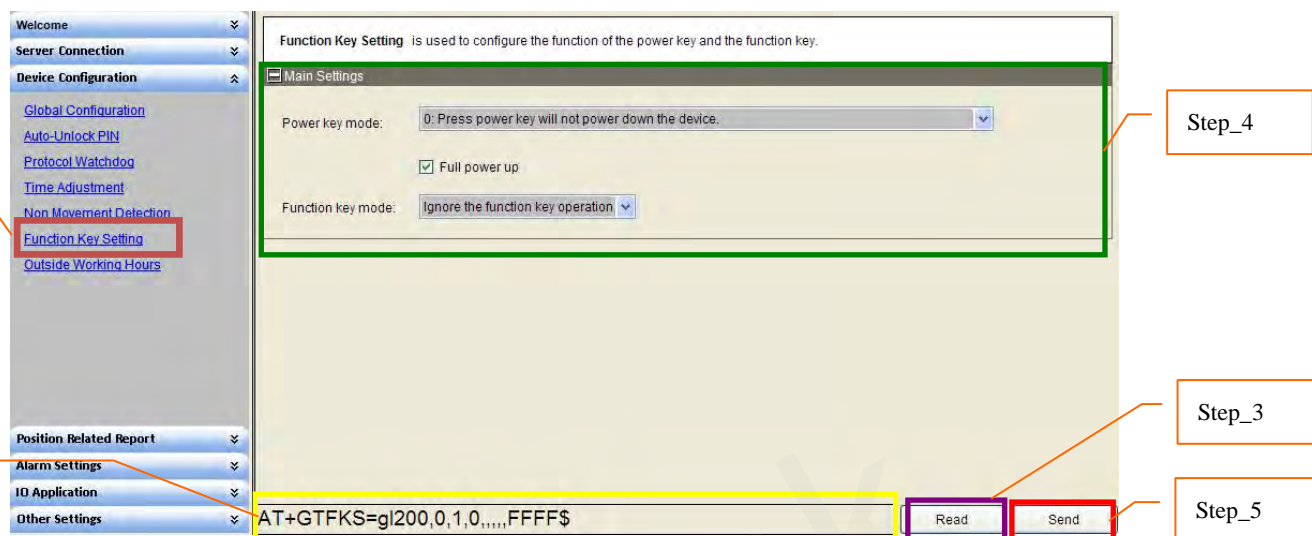
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Non Movement Detection parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTNMD to GL200.

3.2.9 Set the parameters of Function Key Setting



Step_1: Select “*Function Key Setting*”, after that the parameters of GTFKS show in Command Operation Space.

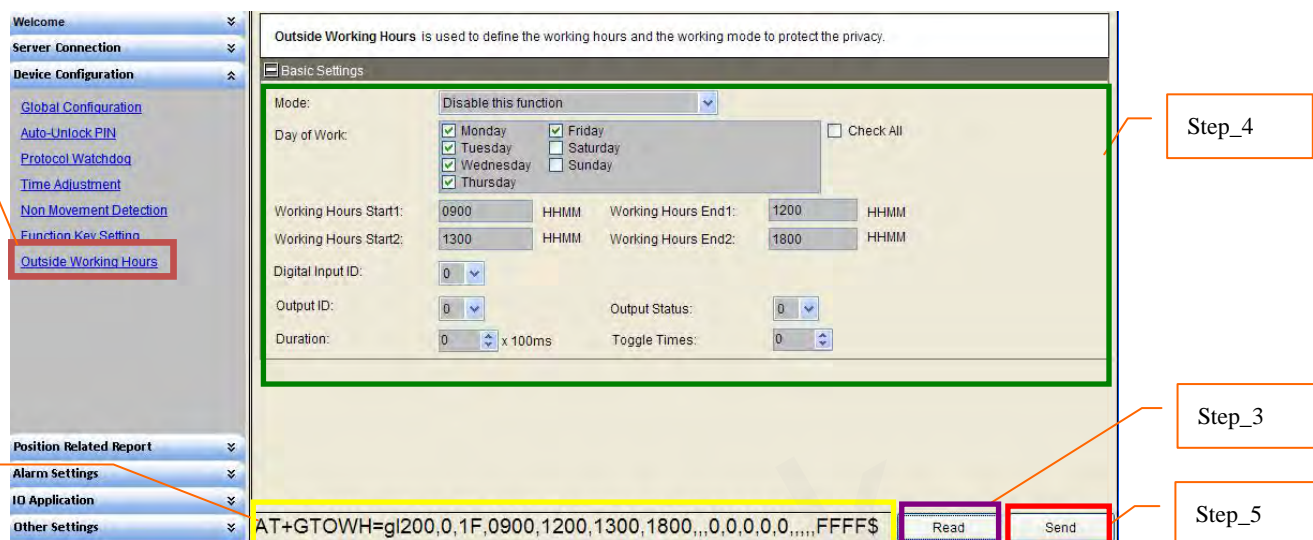
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Function Key parameters. Please refer to “*GL200 @Track Air Interface Protocol*” for the meaning of each parameter.

Step_5: Click the “*Send*” button; download the parameters of GTFKS to GL200.

3.2.10 Set the parameters of Outside Working Hours



The screenshot shows the 'Outside Working Hours' configuration page. The left sidebar has a menu with 'Outside Working Hours' highlighted. The main area contains a 'Basic Settings' section with various parameters for working hours. At the bottom, a command input field shows 'AT+GTOWH=g|200,0,1F,0900,1200,1300,1800,,,0,0,0,0,,,,,FFFF\$'. Below the command field are 'Read' and 'Send' buttons.

Step_1: Select "Outside Working Hours" in the left sidebar.

Step_2: The command message 'AT+GTOWH=g|200,0,1F,0900,1200,1300,1800,,,0,0,0,0,,,,,FFFF\$' is generated in the Command Operation Space.

Step_3: Click the 'Read' button to read the parameters from GL200.

Step_4: Set the Outside Working Hours parameters in the 'Basic Settings' section.

Step_5: Click the 'Send' button to download the parameters of GTOWH to GL200.

Step_1: Select "Outside Working Hours", after that the parameters of GTOWH show in Command Operation Space.

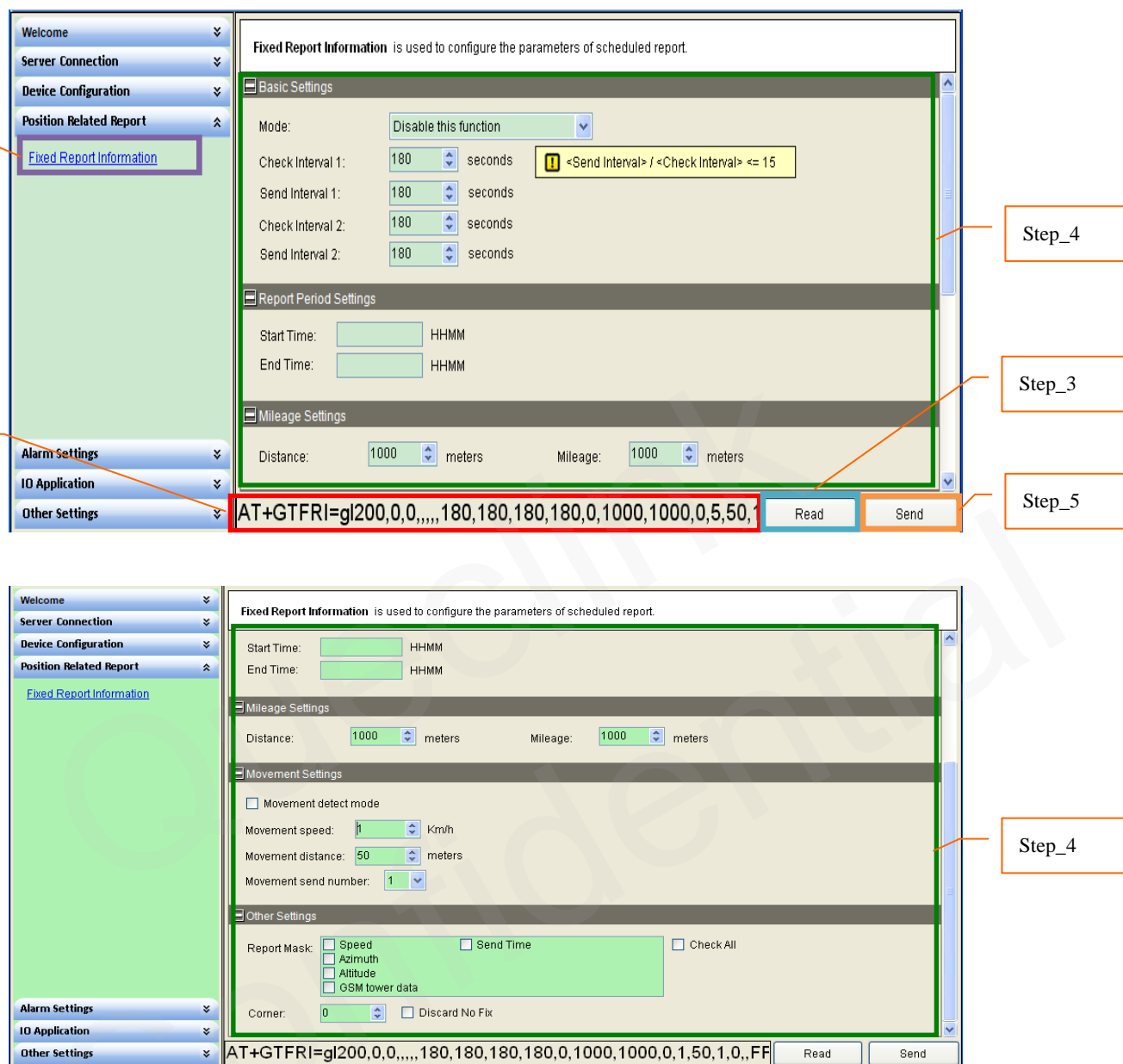
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Outside Working Hours parameters. Please refer to "GL200 @Track Air Interface Protocol" for the meaning of each parameter.

Step_5: Click the "Send" button; download the parameters of GTOWH to GL200.

3.2.11 Set the parameters of Fixed Report Information



Step_1: Select "Fixed Report Information".

Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the scheduled report parameters. Please refer to "GL200 @Track Air Interface Protocol" for the meaning of each parameter.

Step_5: Read or Send the command.

Step_1: Select "Fixed Position Report", after that the parameters of GTFRI show in Command Operation Space.

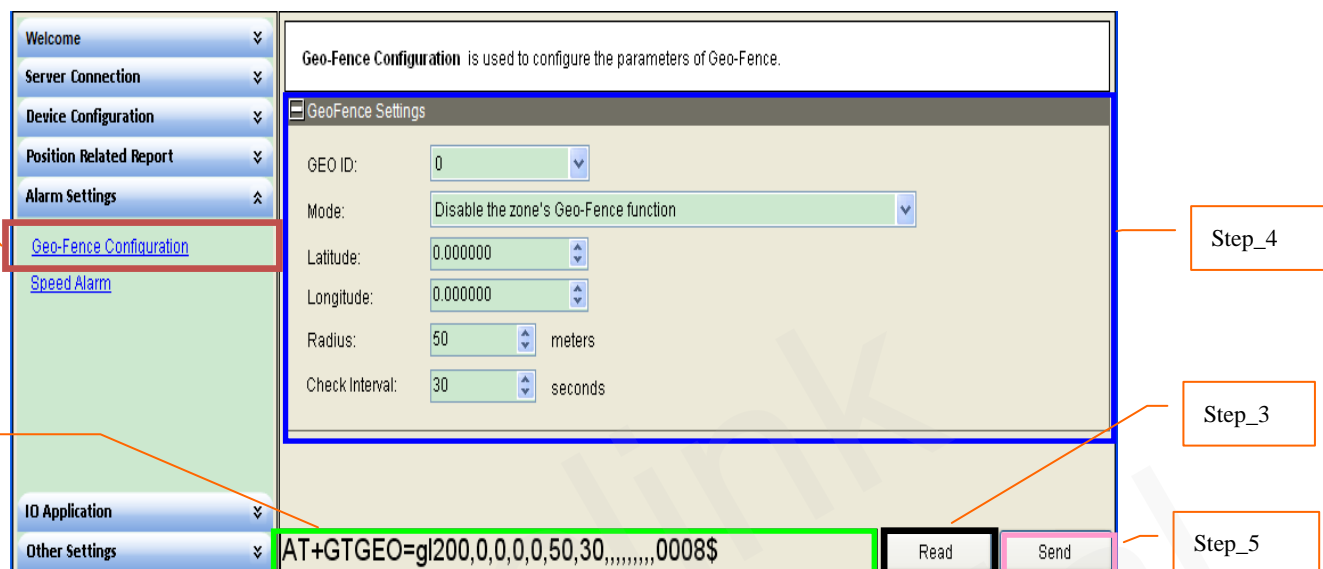
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the scheduled report parameters. Please refer to "GL200 @Track Air Interface Protocol" for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTFRI to GL200.

3.2.12 Set the parameters of Geo-Fence Information



The screenshot shows the 'Geo-Fence Configuration' window. On the left is a sidebar menu with options: Welcome, Server Connection, Device Configuration, Position Related Report, Alarm Settings, **Geo-Fence Configuration** (highlighted with a red box and labeled Step_1), Speed Alarm, IO Application, and Other Settings. The main area is titled 'Geo-Fence Configuration' and contains a 'GeoFence Settings' section with the following fields: GEO ID (0), Mode (Disable the zone's Geo-Fence function), Latitude (0.000000), Longitude (0.000000), Radius (50 meters), and Check Interval (30 seconds). At the bottom, a text box displays the command 'AT+GTGEO=gl200,0,0,0,0,50,30,,,,,,,,,0008\$' (labeled Step_2), with 'Read' and 'Send' buttons to its right (labeled Step_5). A blue box around the settings area is labeled Step_4, and a label Step_3 points to the command text box.

Step_1: Select “Geo-Fence Configuration”, after that the parameters of GTGEO show in Command Operation Space.

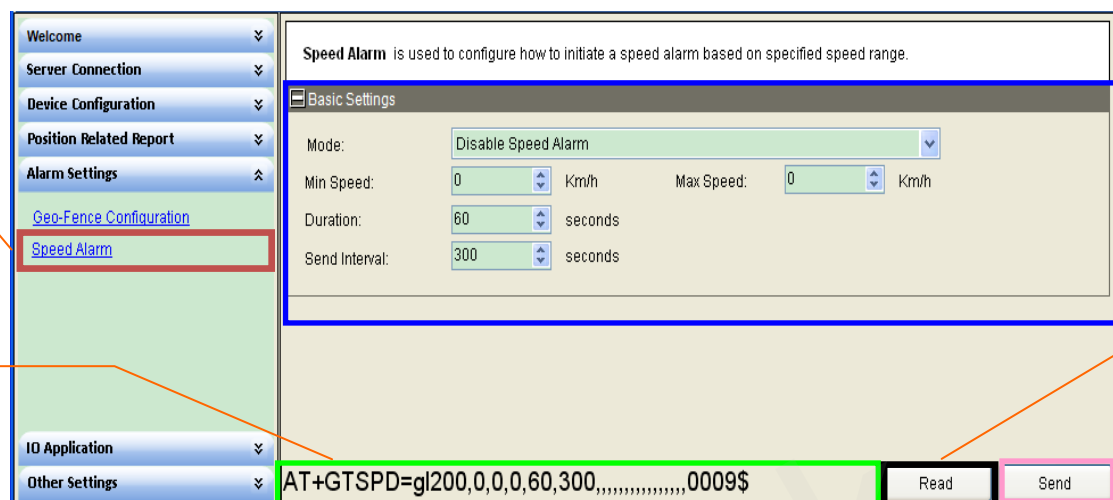
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the Geo-Fence parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTGEO to GL200.

3.2.13 Set the parameters of Speed Alarm



Step_1 points to the 'Speed Alarm' menu item.

Step_2 points to the 'Basic Settings' section.

Step_3 points to the 'Duration' and 'Send Interval' fields.

Step_4 points to the 'Mode' dropdown.

Step_5 points to the 'Send' button.

Step_1: Select “Speed Alarm”, after that the parameters of GTSPD show in Command Operation Space.

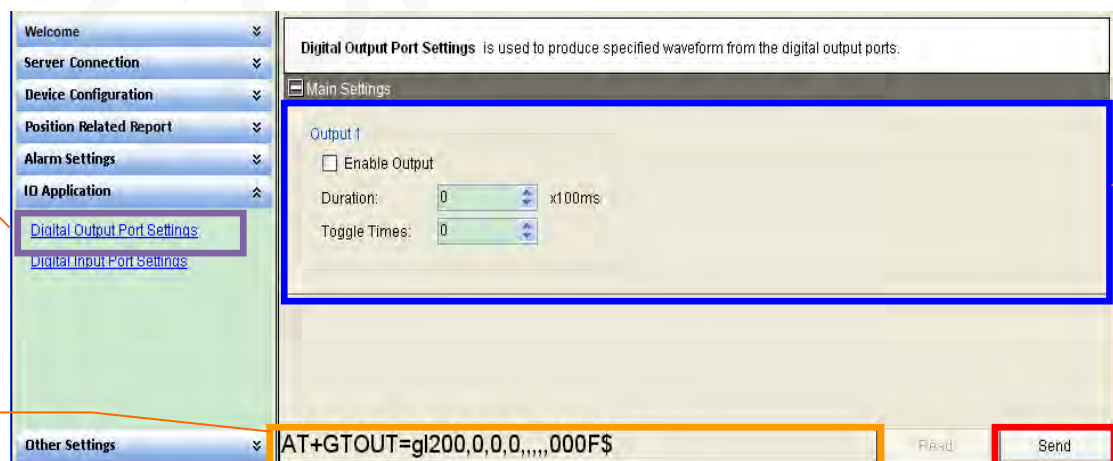
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them

Step_4: Set the Speed Alarm parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTSPD to GL200.

3.2.14 Set the parameters of Digital Output Port Settings



Step_1 points to the 'Digital Output Port Settings' menu item.

Step_2 points to the 'Main Settings' section.

Step_3 points to the 'Output 1' section.

Step_4 points to the 'Send' button.

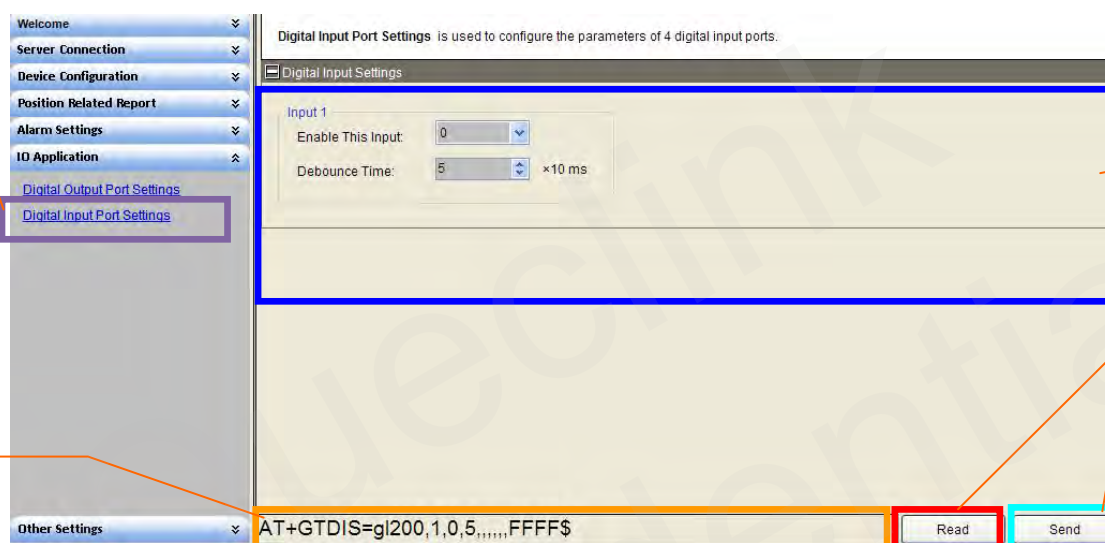
Step_1: Select “Digital Output Port Setting”, after that the parameters of GTOUT show in Command Operation Space.

Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: Set the Digital Output parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_4: Click the “Send” button; download the parameters of GTOUT to GL200.

3.2.15 Set the parameters of Digital Input Port Setting



The screenshot shows the 'Digital Input Port Settings' window. The left sidebar has a menu with items: Welcome, Server Connection, Device Configuration, Position Related Report, Alarm Settings, IO Application, Digital Output Port Settings, Digital Input Port Settings, and Other Settings. The main area is titled 'Digital Input Port Settings' and contains a section for 'Input 1' with 'Enable This Input' set to 0 and 'Debounce Time' set to 5 x10 ms. At the bottom, there is a command input field containing 'AT+GTDIS=gl200,1,0,5,,,,,FFFF\$' and two buttons: 'Read' and 'Send'.

Step_1: Select “Digital Input Port Setting”, after that the parameters of GTDIS show in Command Operation Space.

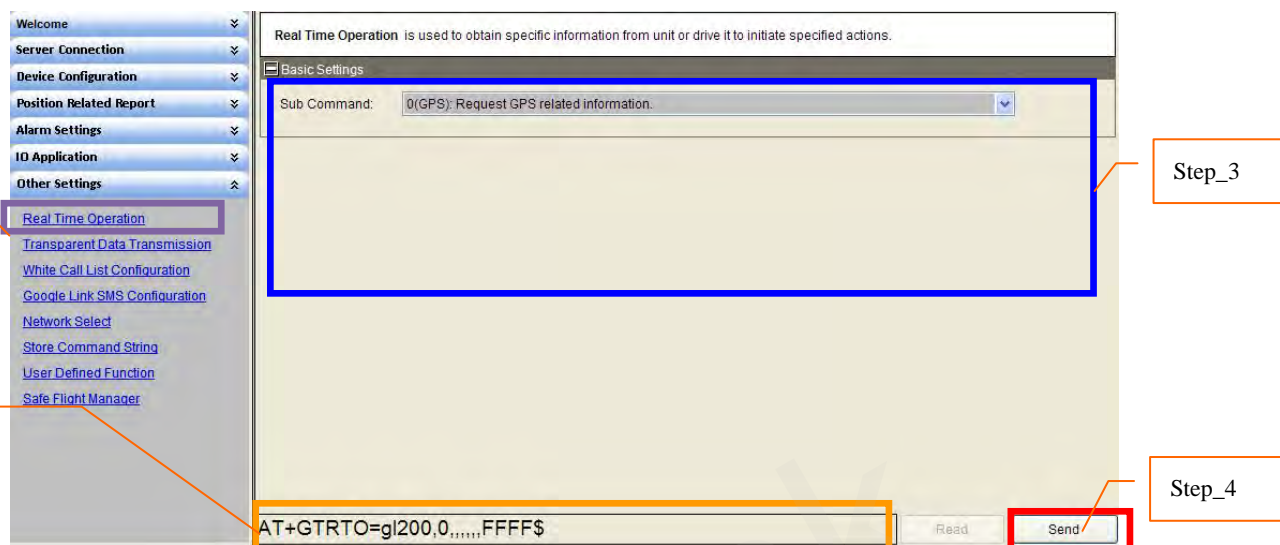
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Digital Input parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTDIS to GL200.

3.2.16 Set the parameters of Real Time Operation



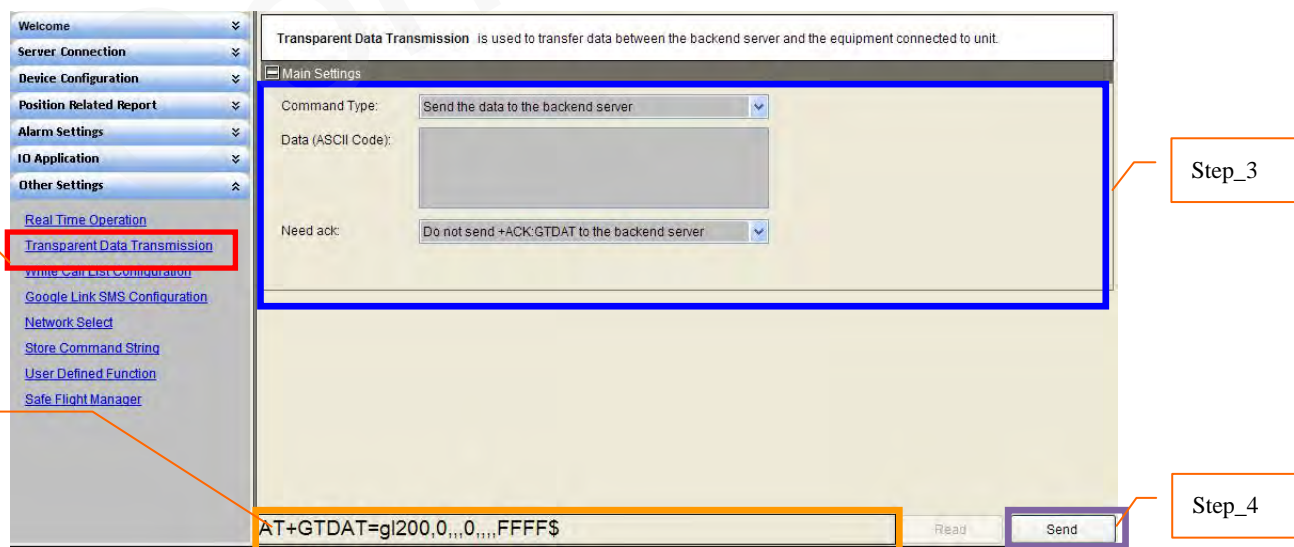
Step_1: Select “Real Time Operation”, after that the parameters of GTRTO show in Command Operation Space.

Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

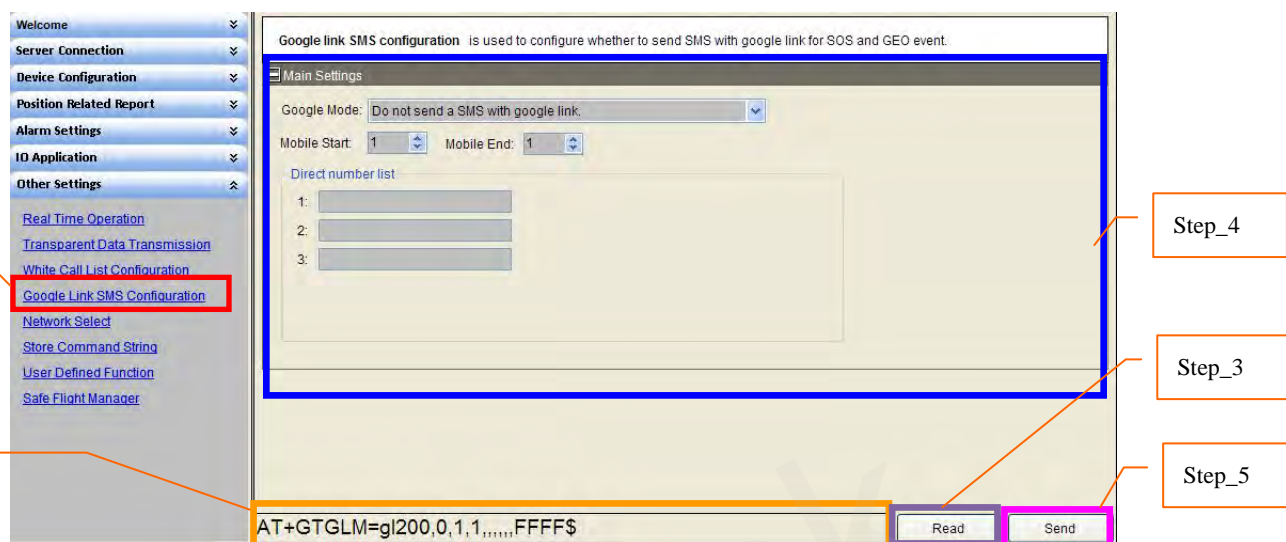
Step_3: Set the Real Time Operation parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_4: Click the “Send” button; download the parameters of GTRTO to GL200.

3.2.17 Set the parameters of Transparent Data Transmission



3.2.19 Set the parameters of Google link SMS configuration



Step_1: Select “Google Link SMS Configuration”, after that the parameters of GTGLM show in Command Operation Space.

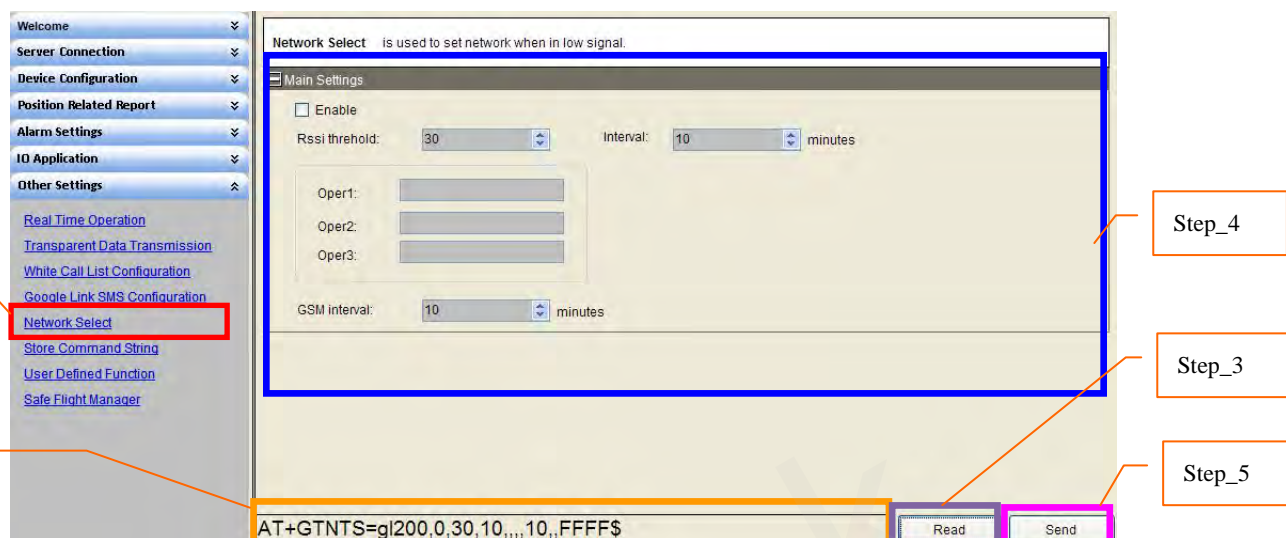
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Google link SMS parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTGLM to GL200.

3.2.20 Set the parameters of Network Select



Step_1: Select “*Network Select*”, after that the parameters of GTNTS show in Command Operation Space.

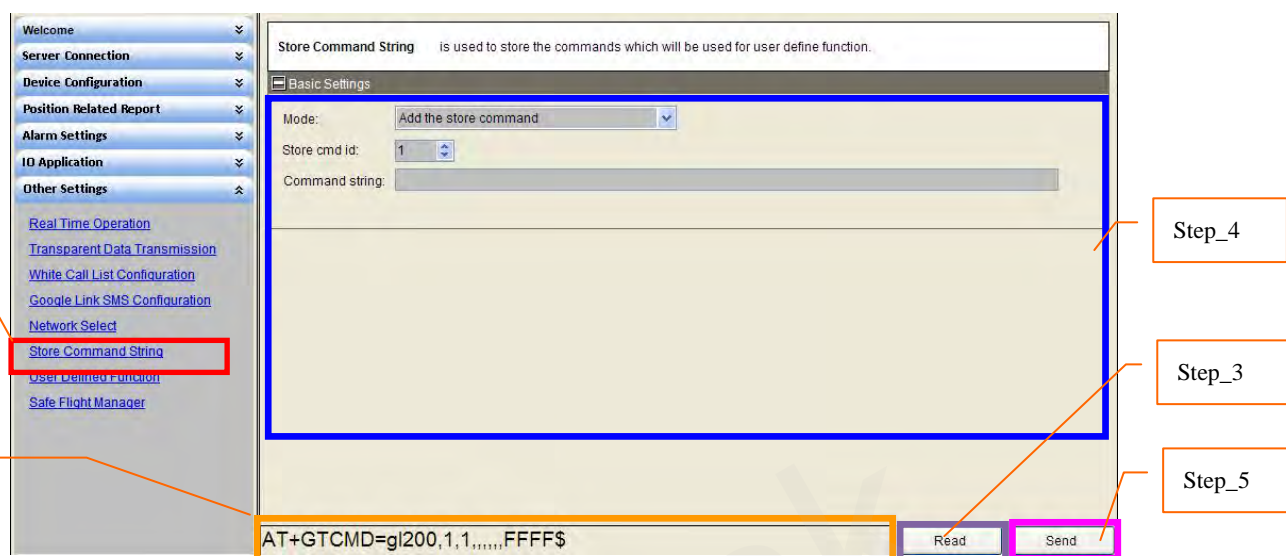
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Network Select parameters. Please refer to “*GL200 @Track Air Interface Protocol*” for the meaning of each parameter.

Step_5: Click the “*Send*” button; download the parameters of GTNTS to GL200.

3.2.21 Set the parameters of Store Command String



Step_1: Select “Store Command String”, after that the parameters of GTCMD show in Command Operation Space.

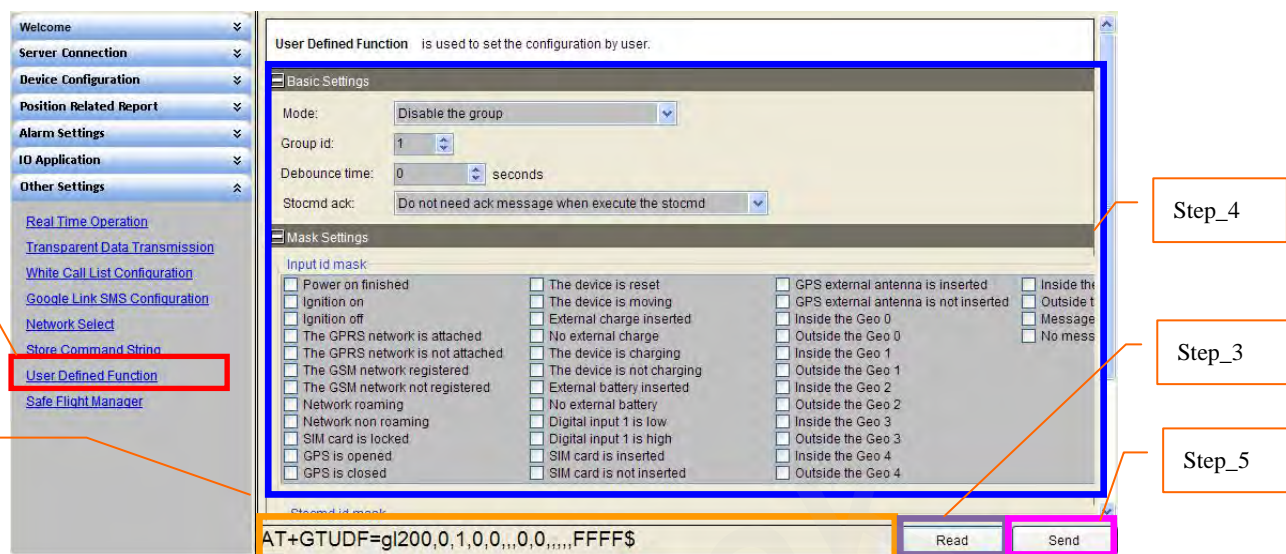
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Store Command String parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTCMD to GL200.

3.2.22 Set the parameters of User Defined Function



Step_1: Select “Store Command String”, after that the parameters of GTUDF show in Command Operation Space.

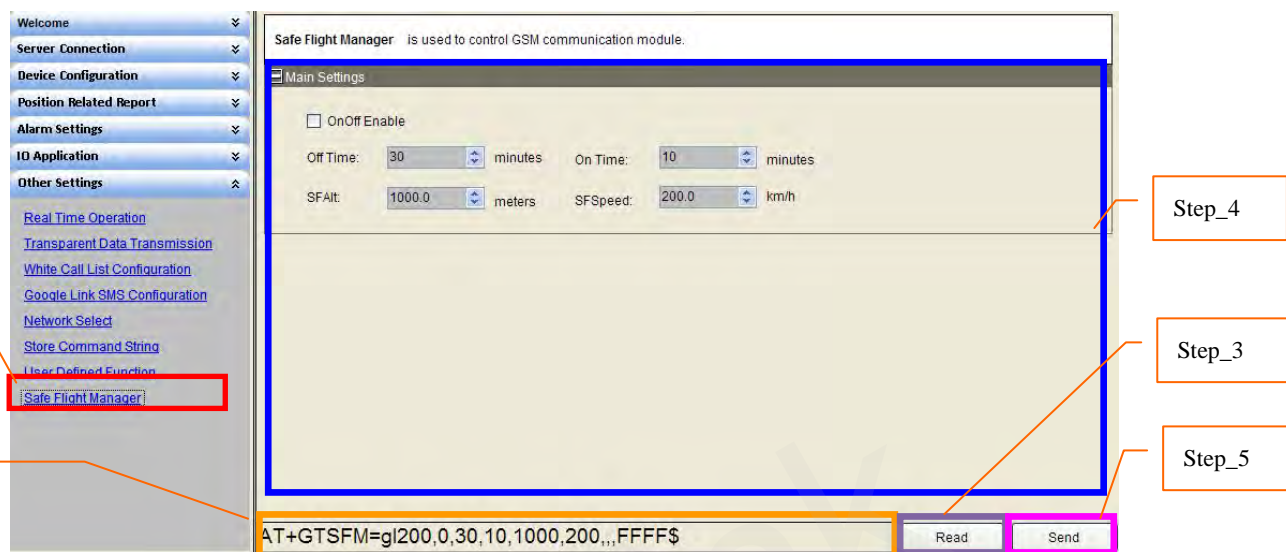
Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the User Defined parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

Step_5: Click the “Send” button; download the parameters of GTUDF to GL200.

3.2.23 Set the parameters of Safe Flight Manager



Step_1: Select “Store Command String”, after that the parameters of GTSFM show in Command Operation Space.

Step_2: The command message which shall be sent to GL200 will be generated based on input and displayed here. Please note this command message can also be sent to GL200 through SMS or GPRS.

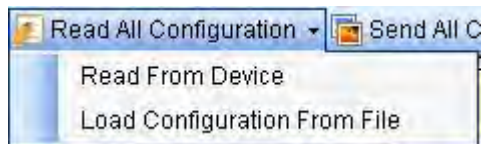
Step_3: It is recommended to read the parameters from GL200 and edit based on them.

Step_4: Set the Safe Flight Manager parameters. Please refer to “GL200 @Track Air Interface Protocol” for the meaning of each parameter.

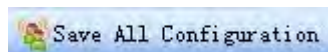
Step_5: Click the “Send” button; download the parameters of GTSFM to GL200.

3.3. Read/Save All Configuration

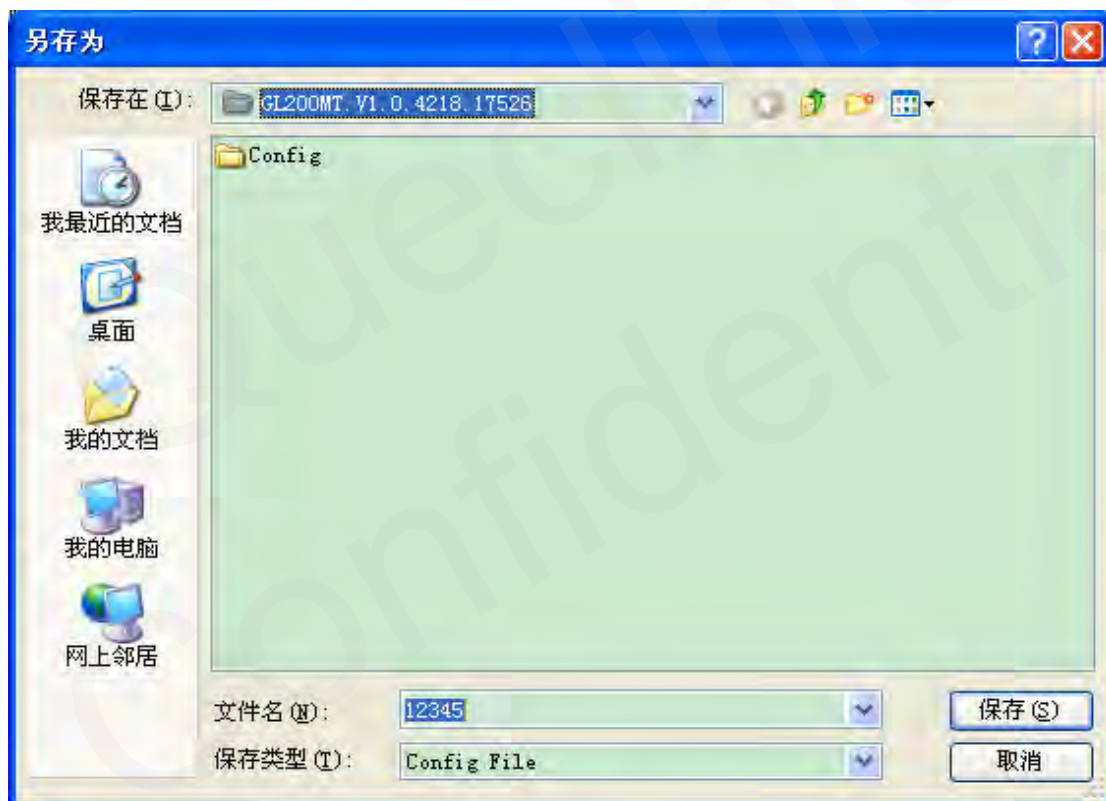
Step_1: It is recommended to read all configurations from device before save the configuration.
Select “*Read All Configuration*”→“*Read From Device*”.



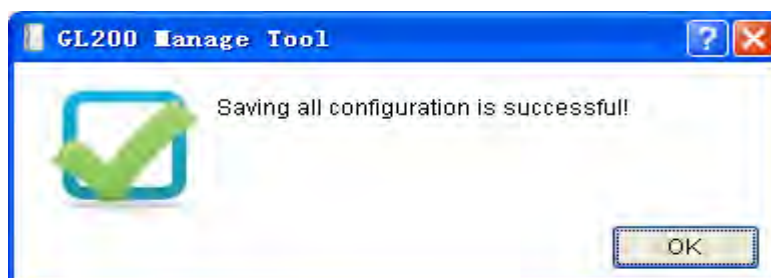
Step_2: After read successfully, click “*Save All Configuration*” in toolbar.



Step_3: Select a folder, and key in the name of configuration file, then click “*Save*” button.

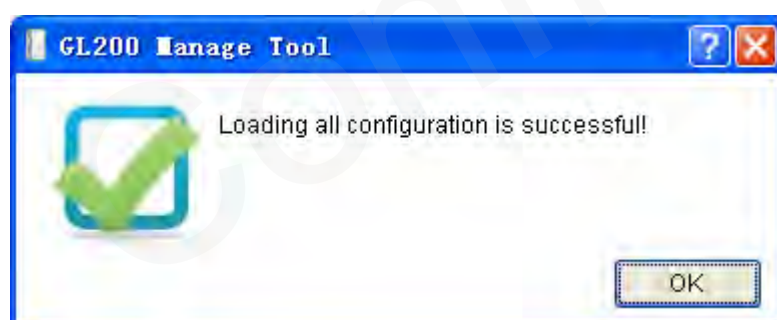
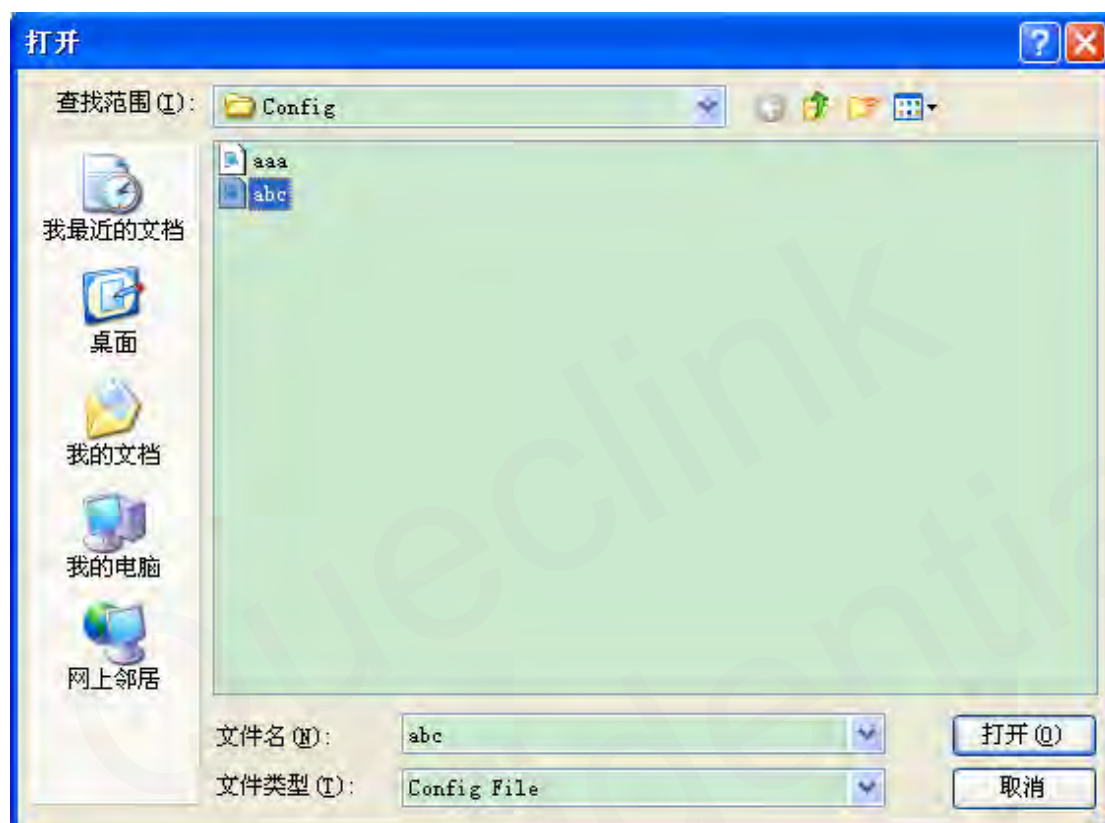


Step_4: Save successfully.



3.4. Load/Execute All Configuration

Step_1: Before execute all configurations, please load the configuration file or set all parameters in commands. To load configuration file, please select “*Read All Configuration*” → “*Load Configurations From File*”. And then select the configuration file you needed.



Step_2: You can set the parameters in commands base on the configuration file, and then click “*Execute All Configuration*” in toolbar.



Step_3: Manage Tool will write all commands to device.