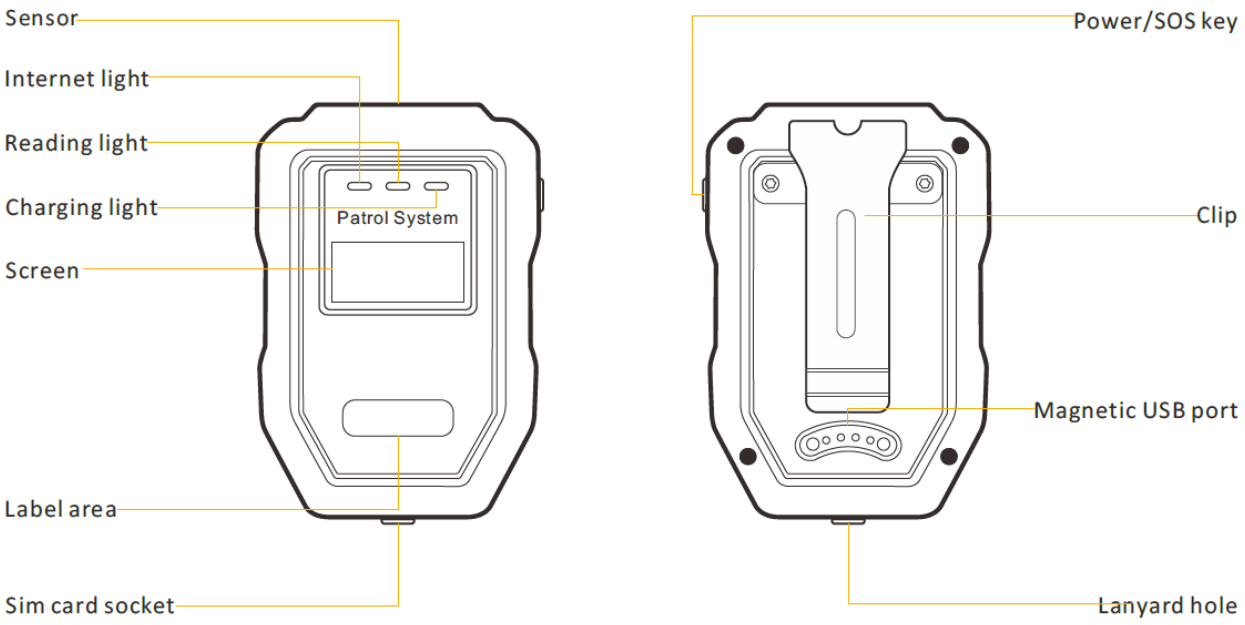
System composition 2
1. Technical data 3
2. Power button operation direction 4
3. Operation 4
3.1 Scan tags 4
3.2 Data transferring 5
3.3 Send SOS alarm 5
3.4 Insert SIM card 5
4. Software operation 6
4.1 Software installation 6
4.2 Settings in software 6
4.2.1 Create patrol route 6
4.2.2 Communication 6
4.2.3 Configurate network parameter 7
4.2.4 Set device clock : Update device clock with server 8
4.2.5 Synchronize checkpoint and staff info from software to device 9
5. Online testing 10
6**. Patrol working** 11
7. Report 11
8. Missing patrol notification 12

Z-6700D Mini GPRS Guard Tour System





System composition

Supplied Accessories

Accessories included with the device

❶ Charger;

❷ USB cable.

***Accessories recommended for the device**

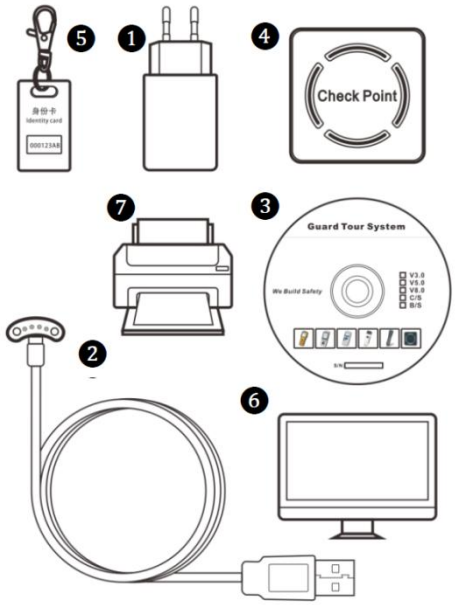
❸ Software (Web based);

❹ Check point;

❺ Staff ID tag;

❻ PC/laptop;

❼ Printer.



1. Technical data

Reading Method	Auto-induction, free from pressing any button
Communication	By USB cable (for settings); by GPRS (for data transferring)
Sensor Frequency	125kHz EM ID tag
SOS	Alerting via panic button, press power button once to device info page , then long press device for 4.5 seconds to send alarm (there is yellow light on together with screen display)
Material	ABS plastic + rubber handle
Tags scan successfully	Screen prompt together with a vibration
Data sent failed	Rec: 000021(total record)/0000X(X means failed data amount . Eg . :00021/00005 means 5pcs data sent failed)
Data transferred successfully	Rec:000021/00000 (the number after "/" turn to "0" means all data sent out successfully)
Working consumption	60 mA
Operation instructions	LED (4 colors in total, green/blue/red/orange)+ Vibration
Working temperature	-20℃ to 70℃
Storage capacity	80,000 pcs
Auto data delete	If all data sent out successfully from device 78,000 pcs data can be auto removed when memory full. If there is any one piece of data not sent out successfully from device, while scanning tags, there will be 3 times red light flash and 3 times vibration. Please connect device to software to delete data.
Automatic timing corrector	Can synchronize time automatically with server when device is connected with network
Reset	Long pressing power button for 3 seconds (at the home page) can reboot device (for setting updating

	and device refresh)
Working humidity	30% to 95%
Impact record capacity	32,000 pcs
IP rating	IP67
Battery	1200 mAh built-in li-ion(rechargeable) battery
USB	Magnet Pogo Pin USB port
Dimension	82mm x 52mm x 22mm
Net weight	73g

2. Power button operation direction

Start device	Press power button once to start device
Check device info (device ID and network setting)	Press power button once at home page
Shutdown	Long press device about 3 seconds at home page
Send SOS alarm	Long press device about 4.5 seconds at device info page
Tips 1 : Once all synchronous update changed from software to device or SIM card take out/insert, please MUST reboot device by long pressing power button.	
Tips 2 : Device will shutdown automatically and enter into standby mode if no any operation within 30 minutes , user can scan check point or press the power button once to wake it up.	
Tips 3: While GPRS signal weak or no signal, data will be stored in device momentarily, and data will be sent out together automatically while turn to be well signal.	

3. Operation

3.1 Scan tags

Close the check point within 3cm to collect tag information ， there will be blue light flicker together with once vibration means scanning successfully .



3.2 Data transferring

Once scanned data, it will be sent out automatically via GPRS/GPRS.



Number after “/” turn to 00000 means all data sent out

3.3 Send SOS alarm

Press power button once to device info page , then long press power button about 4.5 seconds , there will be a orange color light on and off soon , later sreen shows message “ alarming ” “sent successfully”means SOS sent out successfully to server .Supervisor can check SOS info from software .







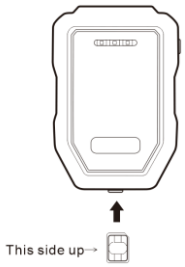


3.4 Insert SIM card

Nano SIM card supported







4. Software operation

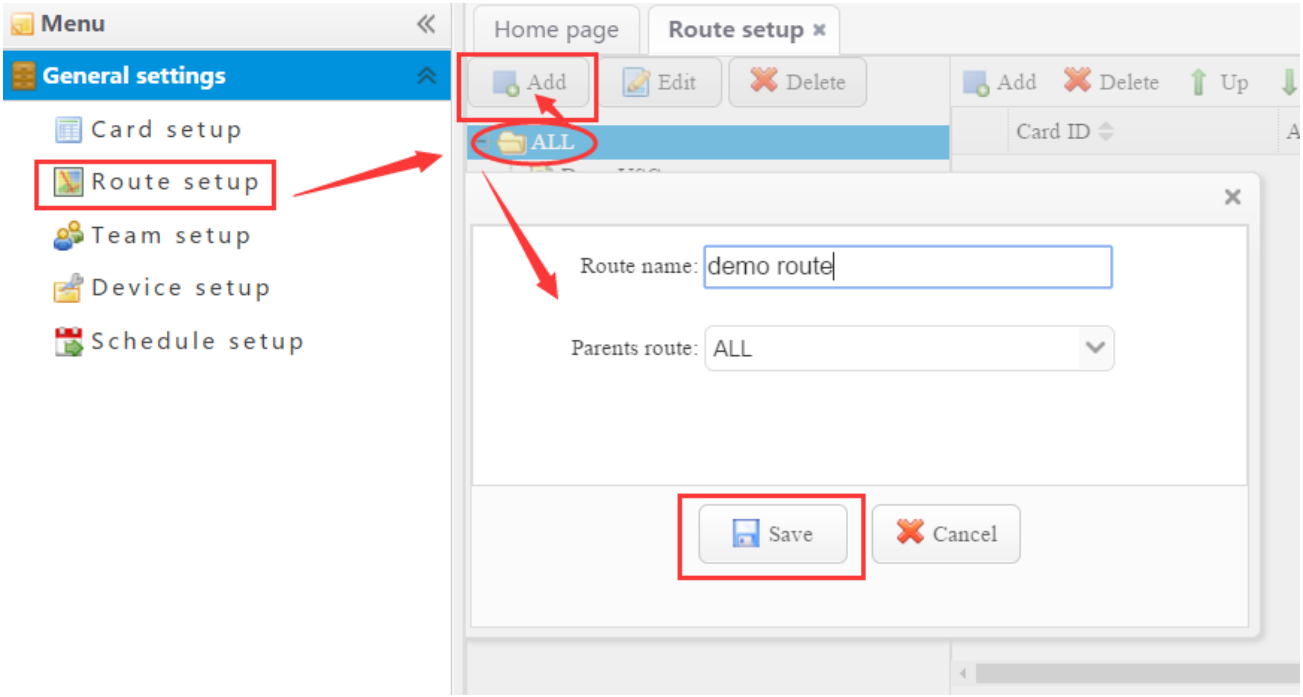
4.1 Software installation

If you host the cloud software at your own server/cloud , please refer to installation manual , if use cloud account your vendor offered , please skip this step .

4.2 Settings in software

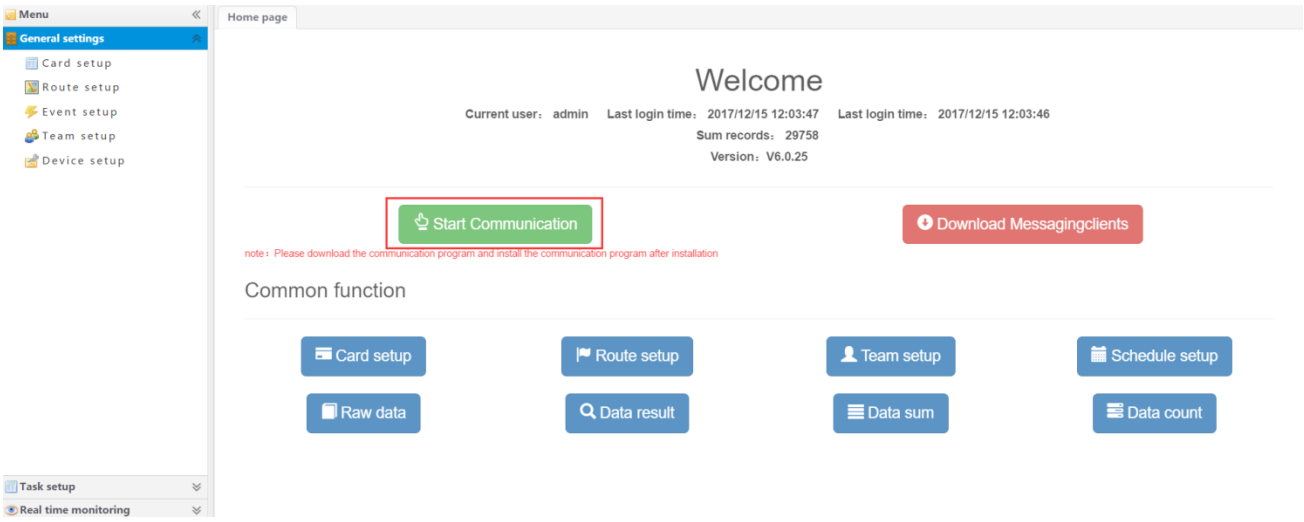
4.2.1 Create patrol route

Go to “route setup”-> Select “All”-> “Add”-> Create a route with the name you want

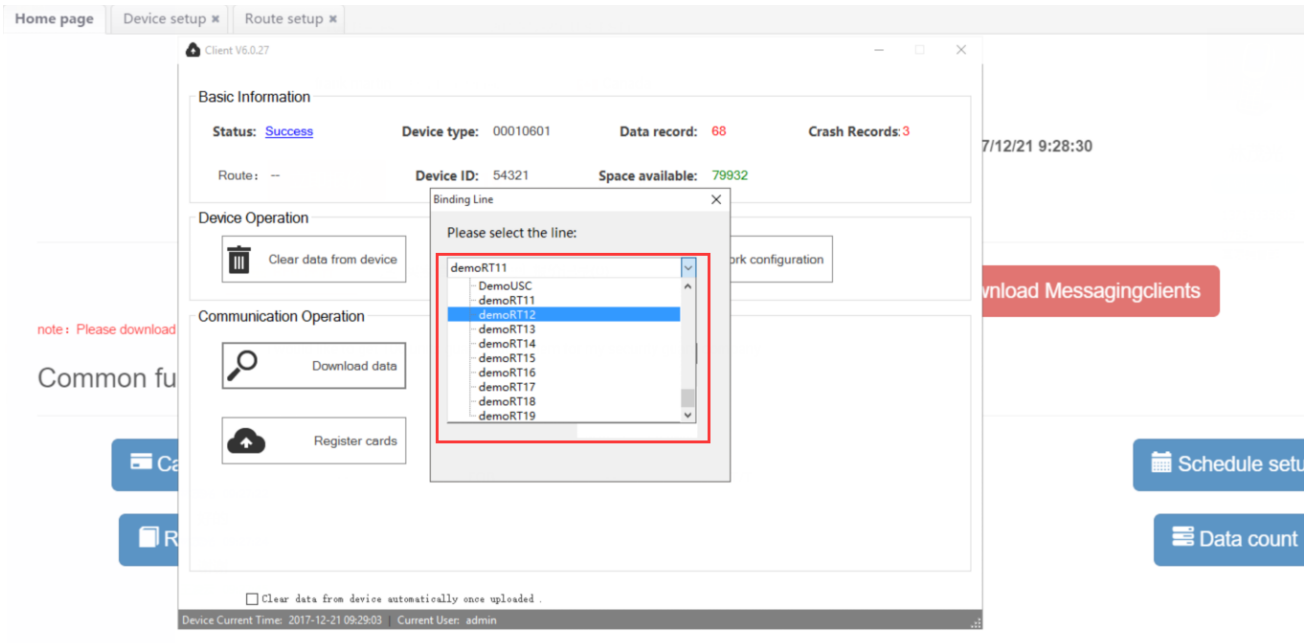


4.2.2 Communication

Connect device with software in USB cable, run software and “start communication”.

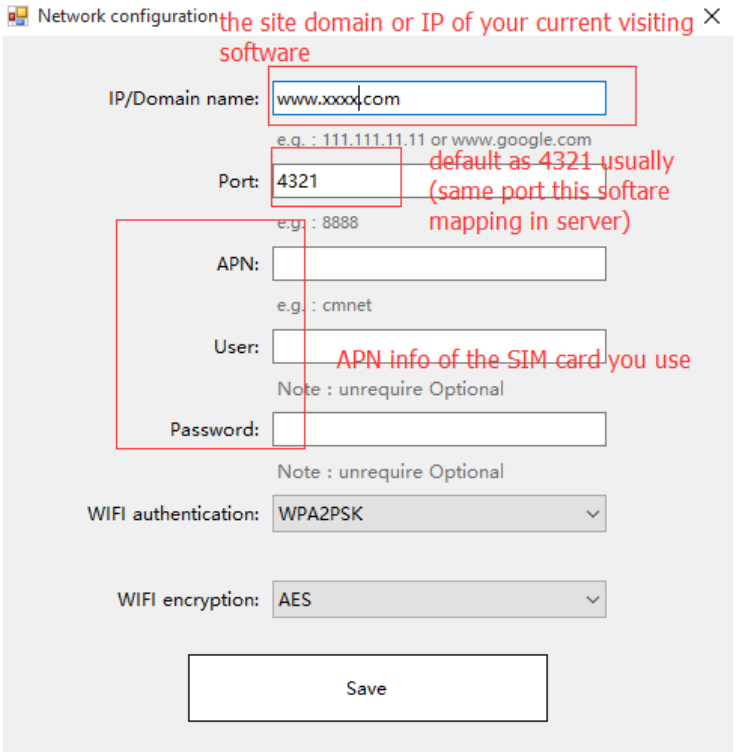


Appoint a patrol route for current patrol device and bind this device to selected route, then type in serial number (every device contain a global unique device ID and serial number, which is usually pasted at device body or box when it is out from factory).



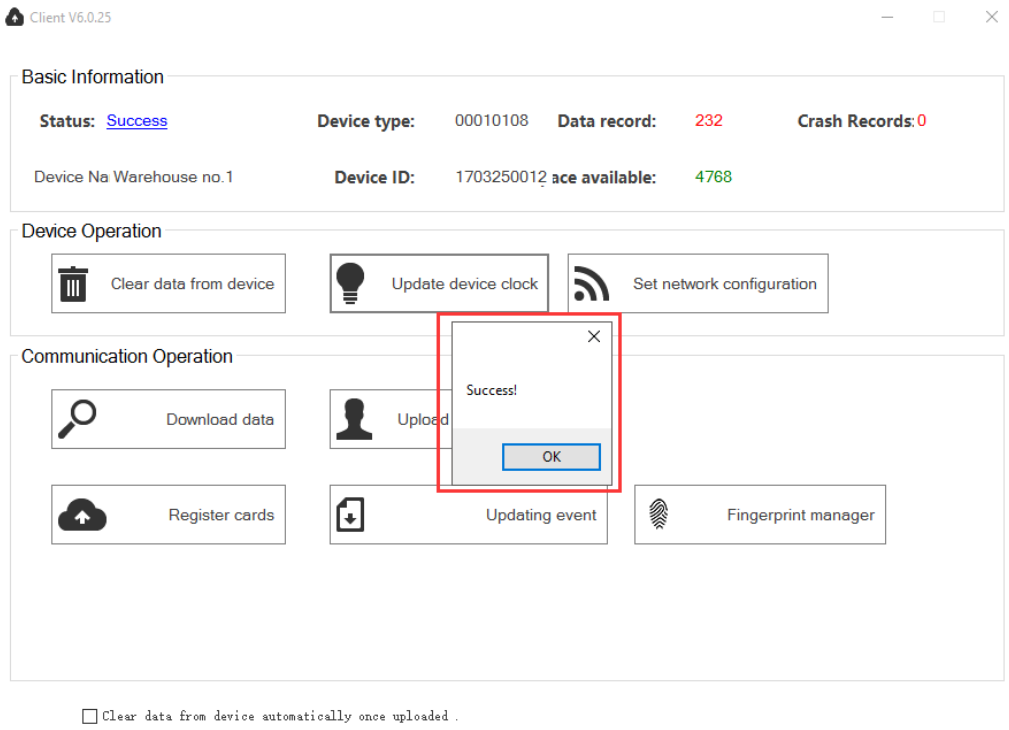
4.2.3 Configurate network parameter

Means to set network parameter , by this to specify the real time data receiving, and then device can know where should data sent to.



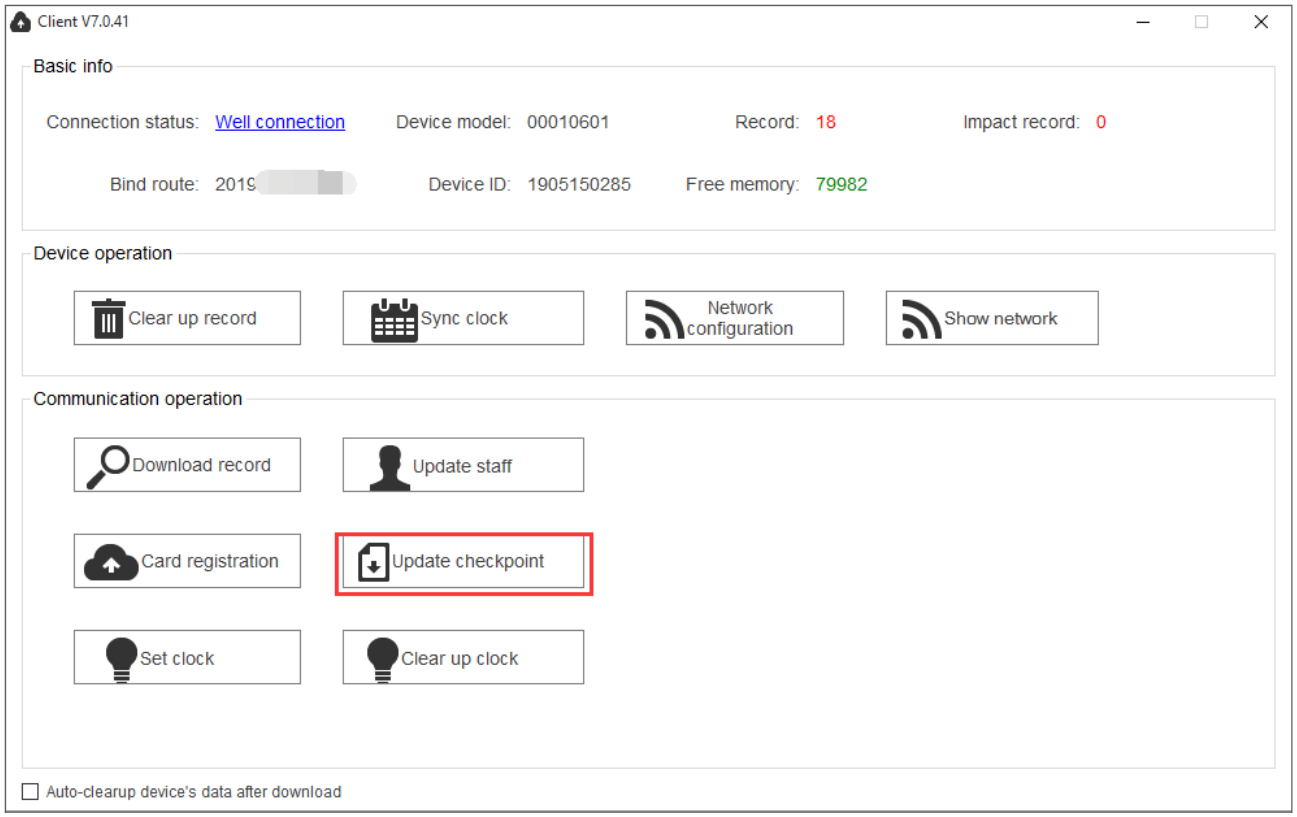
Server IP : Public IP address of server where this software installed (as address as you visit software)
Port : usually default in 4321
APN:
User :
Password :
} APN info of SIM card

4.2.4 Set device clock : Update device clock with server .

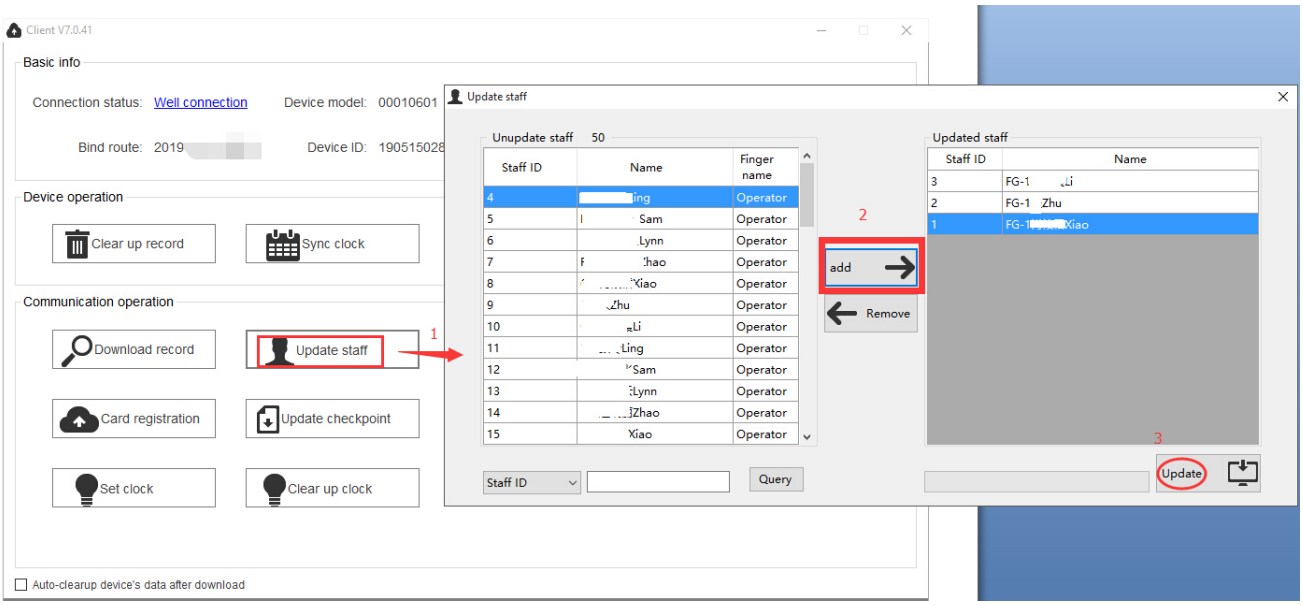


4.2.5 Synchronize checkpoint and staff info from software to device

1. Sync checkpoint to device by clicking “update checkpoint” (this step will enable checkpoint name displayed on device when scanning registered check point), or will show “Unknown point ”.



2. Sync staff info to device by clicking “update staff” (this step will enable staff name displayed on device when scanning registered staff ID card), or will show “Unknown staff ”.

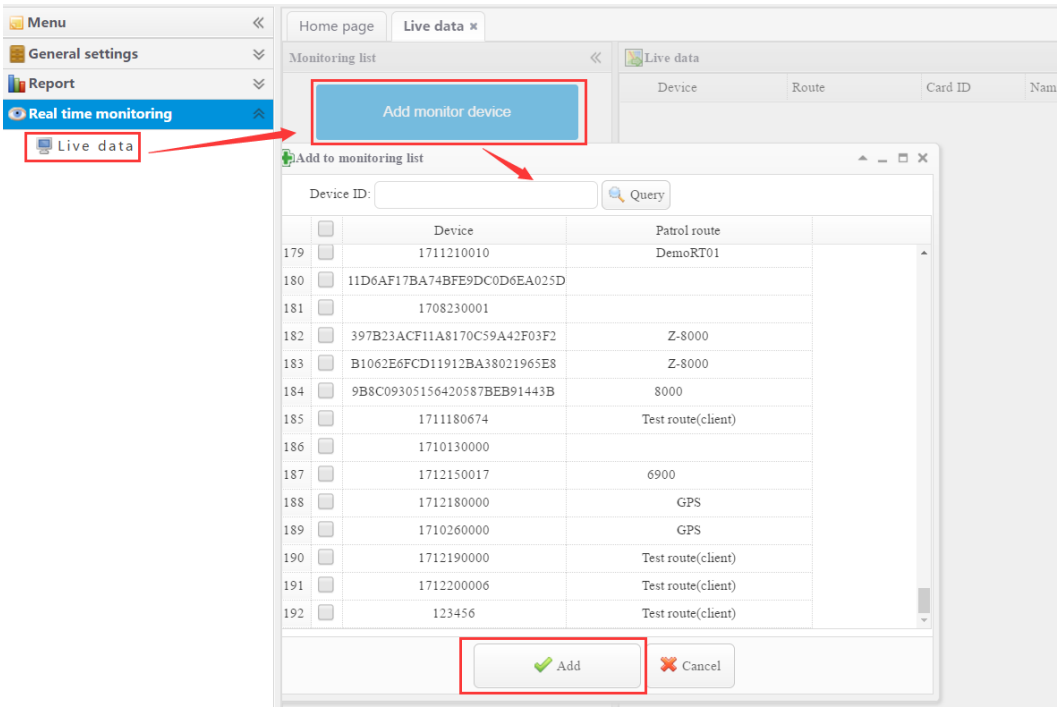




5. Online testing

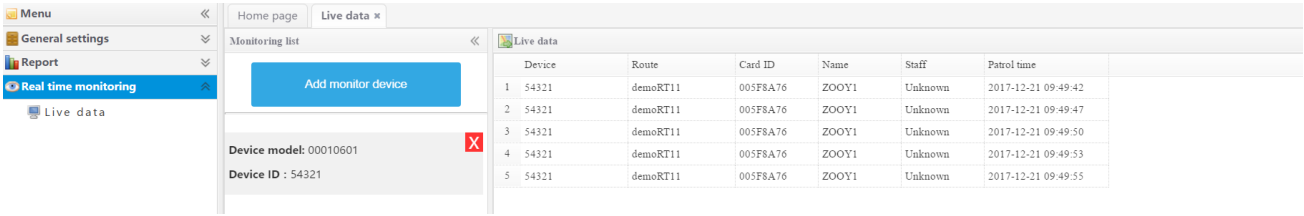
Add device to "Monitoring list" for real time data accessing. Then every time when data is sent out from patrol device , supervisor can saw its come into software synchronously.

After all setting finished, reboot device by long pressing power button till all colors light off, then restart device by long pressing till green light starting flashing.



Scan a tag to test whether data can be sent to successfully with GPRS.

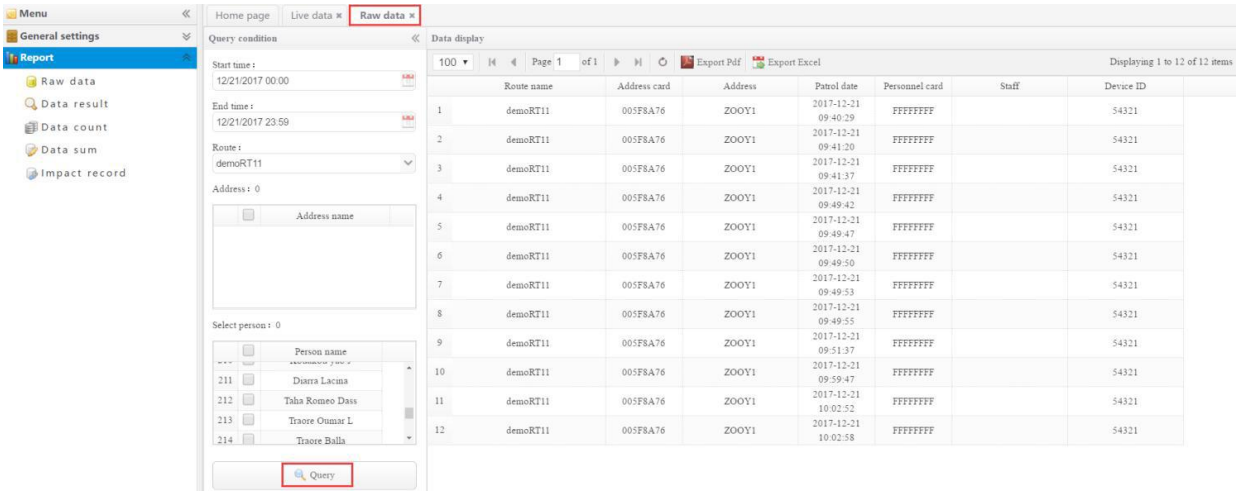
Scan a tag, there will 3 times blue light flash together with once vibration, press power button one , if blue light on in middle , means data sent out successfully , then please go to software to check whether data received (can check at " Real time monitoring -> Live data" or " Report-> Raw data). If orange light on at right , means data send out failure, please check network settings and SIM card.



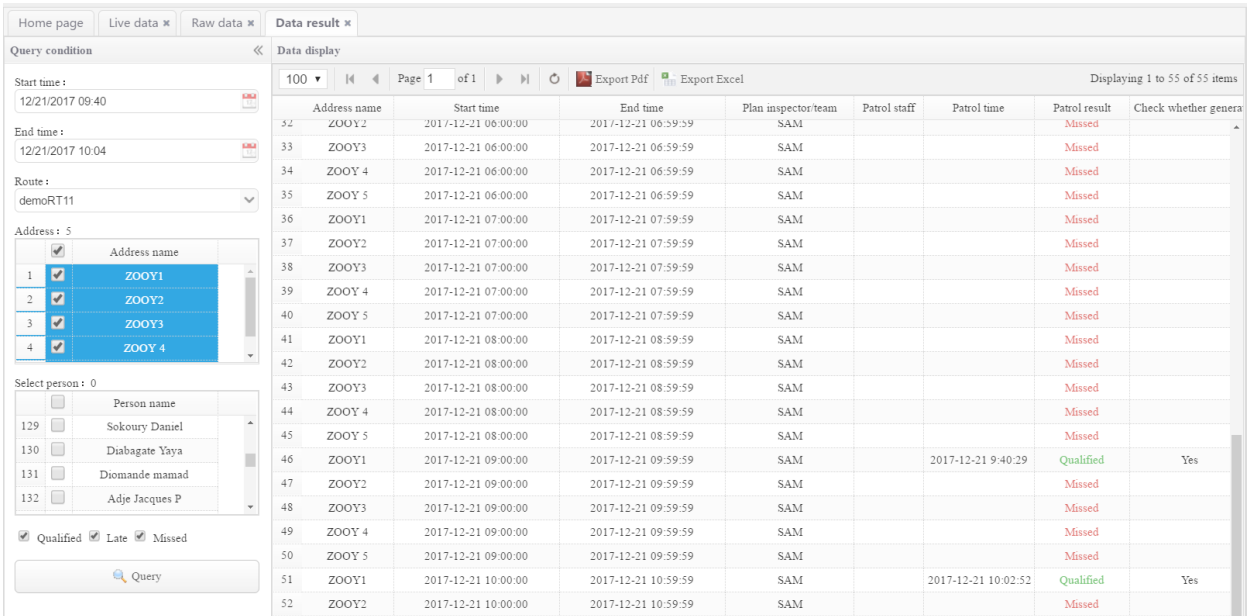
6. **Patrol working**

While patrolling, patrol officer scan his staff ID card as login. Then walking along the patrol route as scheduled , when arrived to check point , close patrol device to check point with the RFID area to scan check point ,there will be 3 times blue light flash together with once vibration. Do the same operation till all round finished.

7. Report



Raw Data Report



Patrol result report

8. Missing patrol notification



Settings

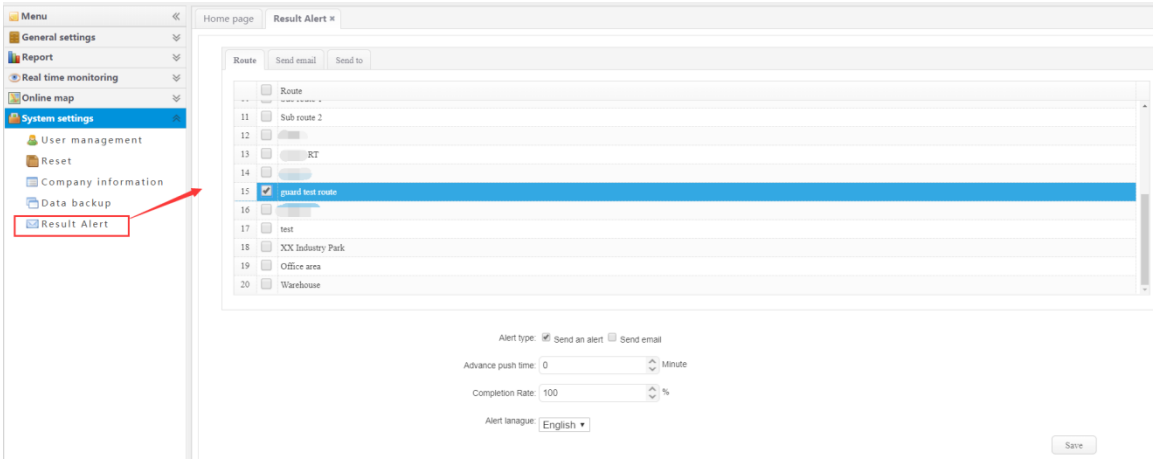
If your schedule time are :
8:00 am -9:00am 1st round
10:30 am -13:00pm 2nd round
13:30pm-15:00pm 3rd round

You can set notification alert should be sent at each round finished time (like 9:00am to report 1st round result , 13:00pm to report 2nd round result , 15:00pm to report 3rd round result). And result will be displayed in finish rating .

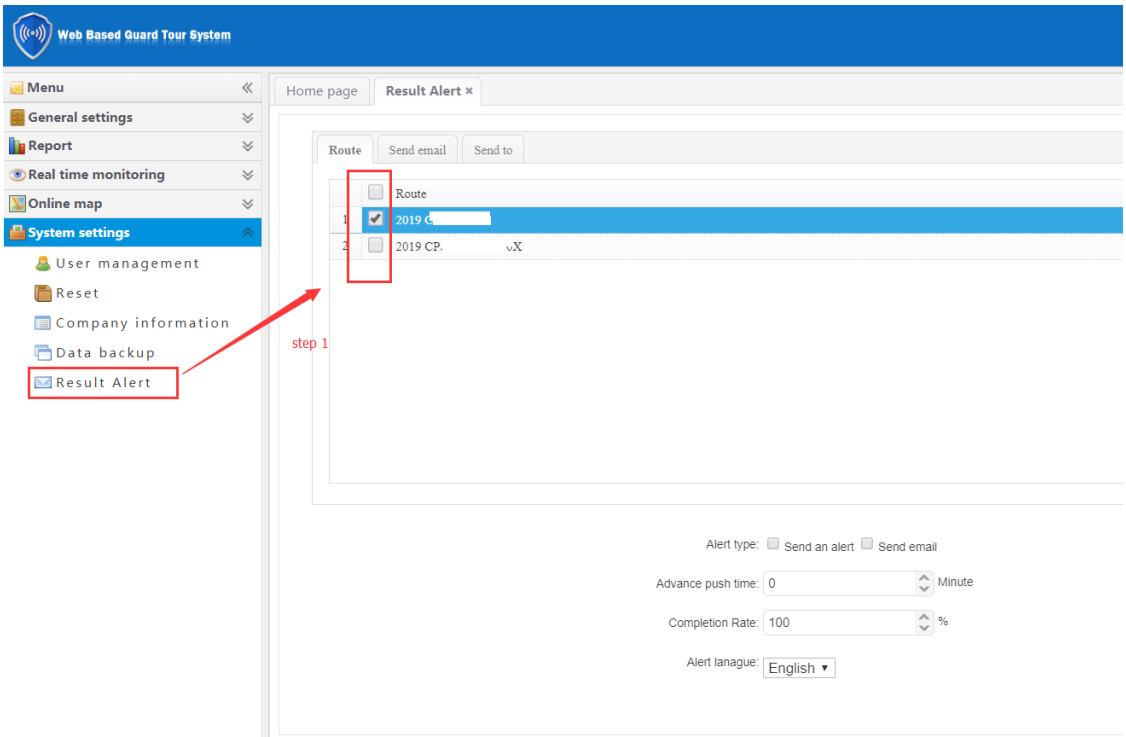
For example , if current route contain 10 tags should be checked , user can set the notication in finish rate like 50%, 60%, 80%, 100% (these rate can be set baased on user's actual demand) . Then if each round the finished tag less than 6, 8,10pcs , then alert will be sent out automatically .

Can set both Alert notification and email notification .

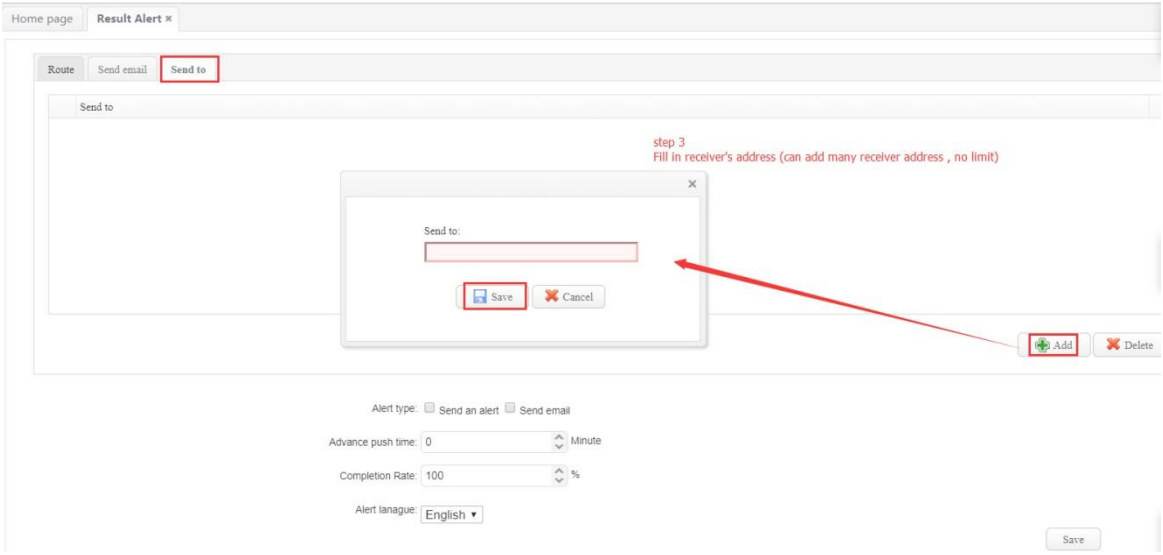
a. Alert notification



b. Email notification

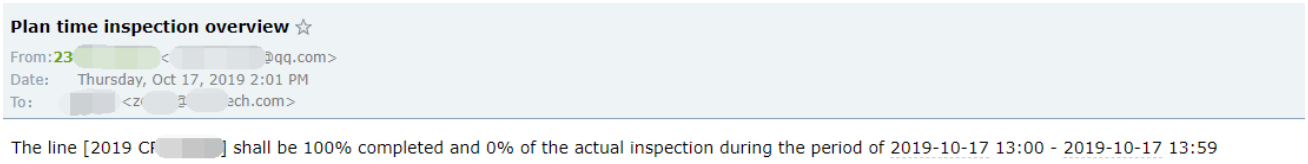






Now , once each round schedule finished, the receiver's email will receive an email notification to report finishing rate .

Email content as below :



You can also check from Cellphone application anytime

