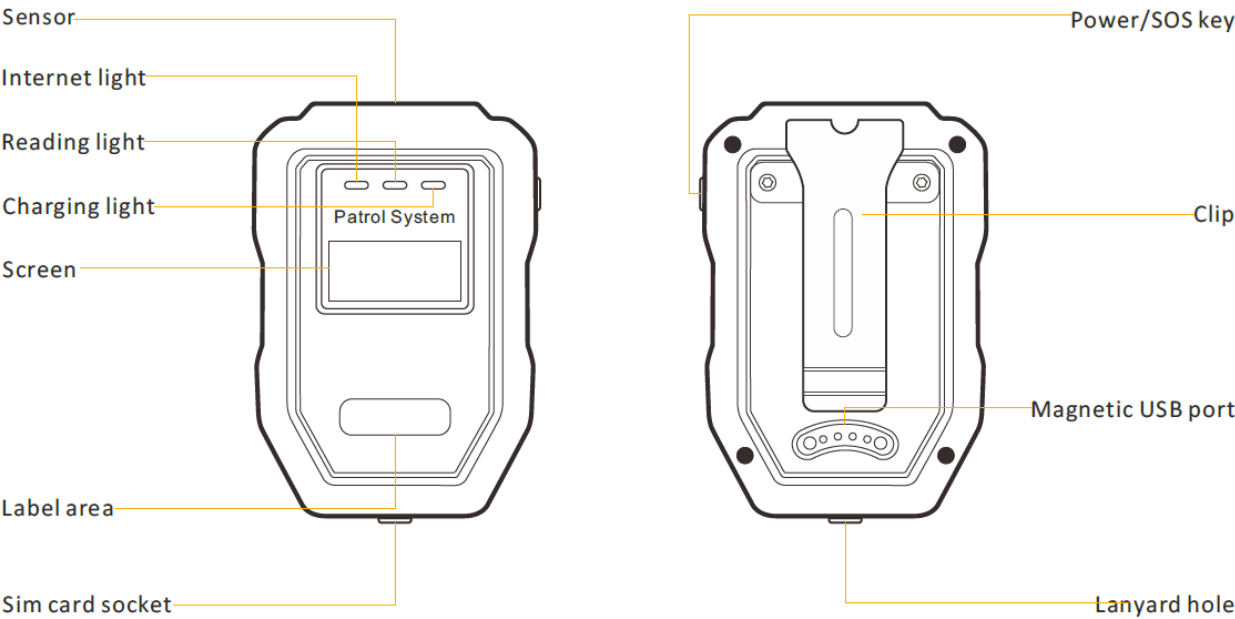


| | |
|--|----|
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Z-6700D Mini GPRS Guard Tour System



System composition

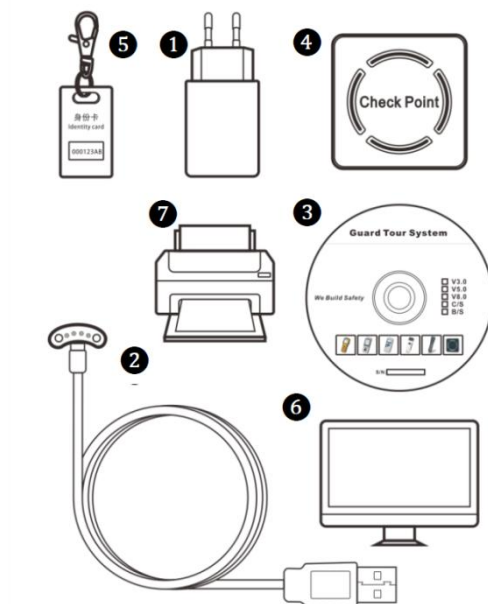
Supplied Accessories

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 |
| <i>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.</i> | |
| <i>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.</i> | |
| <i>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.</i> | |

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.



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

Example :00020/00000 (means device stored 20pcs logs intotal , all logs sent successfully to server). Or 00020/00001 (means device stored 20pcs logs intotal , 1 piece log not sent successfully to server)

3.3 Send SOS alarm

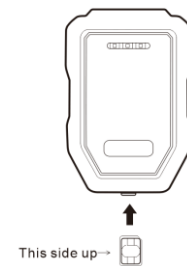
Press power button once to device info page , then long press power button about 4.5 seconds , there will be a orange color light on and off soon , later sreen shows message “ alarming ” “sent successfully”means SOS sent out successfully to server .Supervisor can check SOS info from software .





3.4 Insert SIM card

Nano SIM card supported



4. Software operation

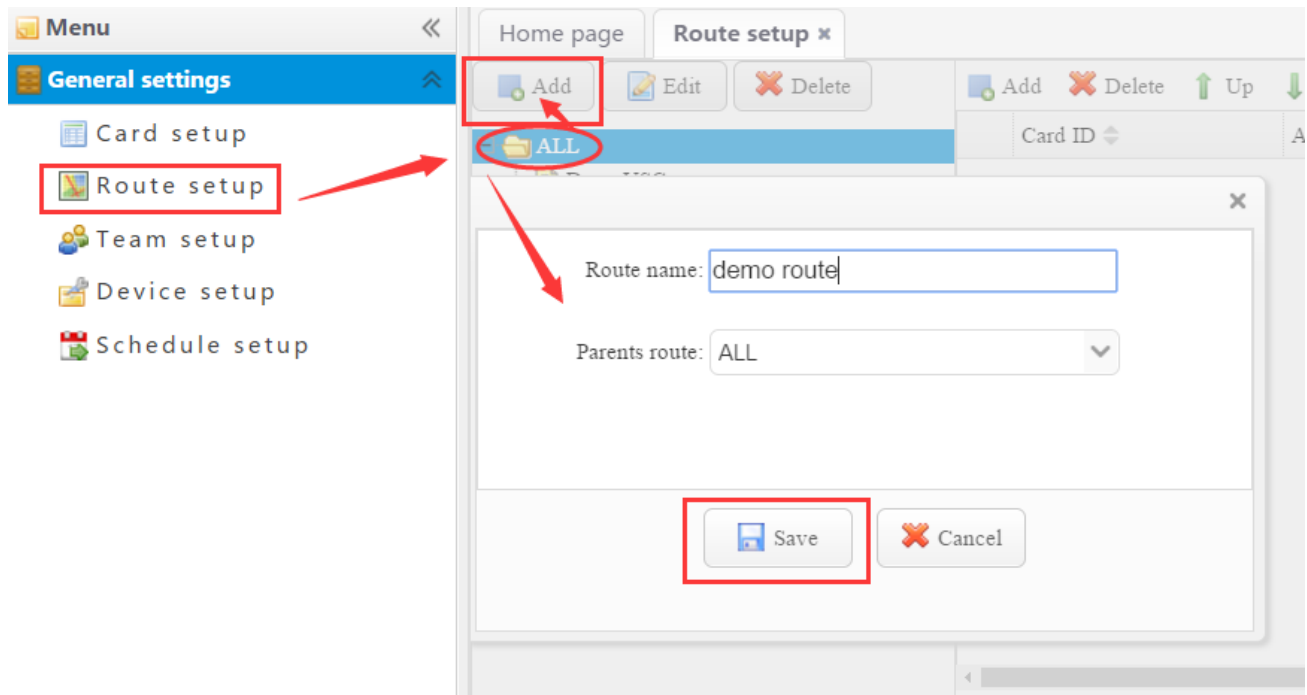
4.1 Software installation

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

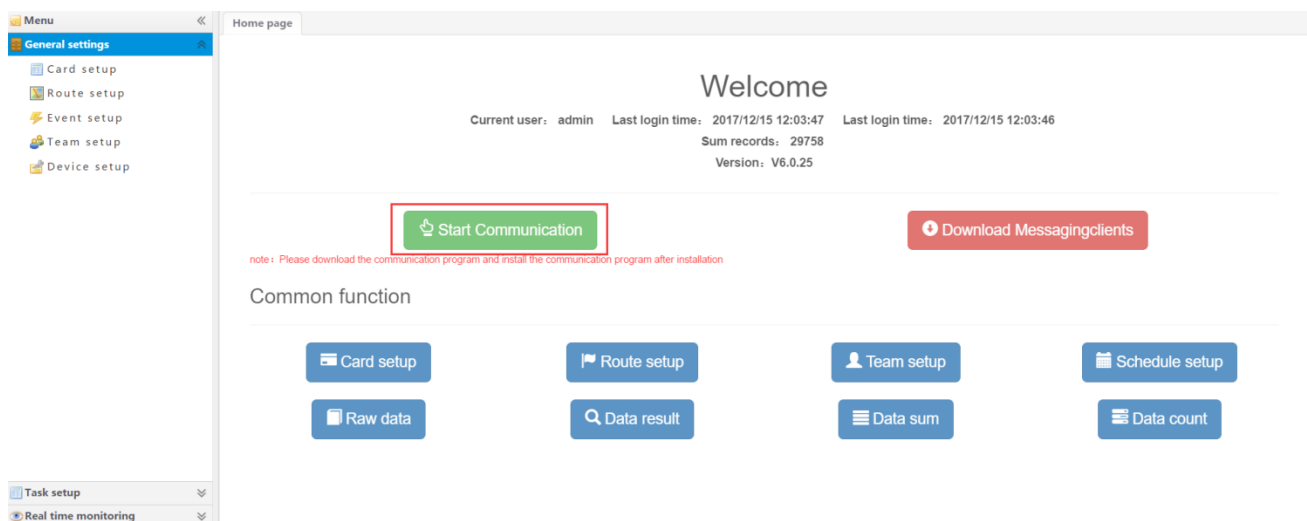
4.2.1 Create patrol route

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

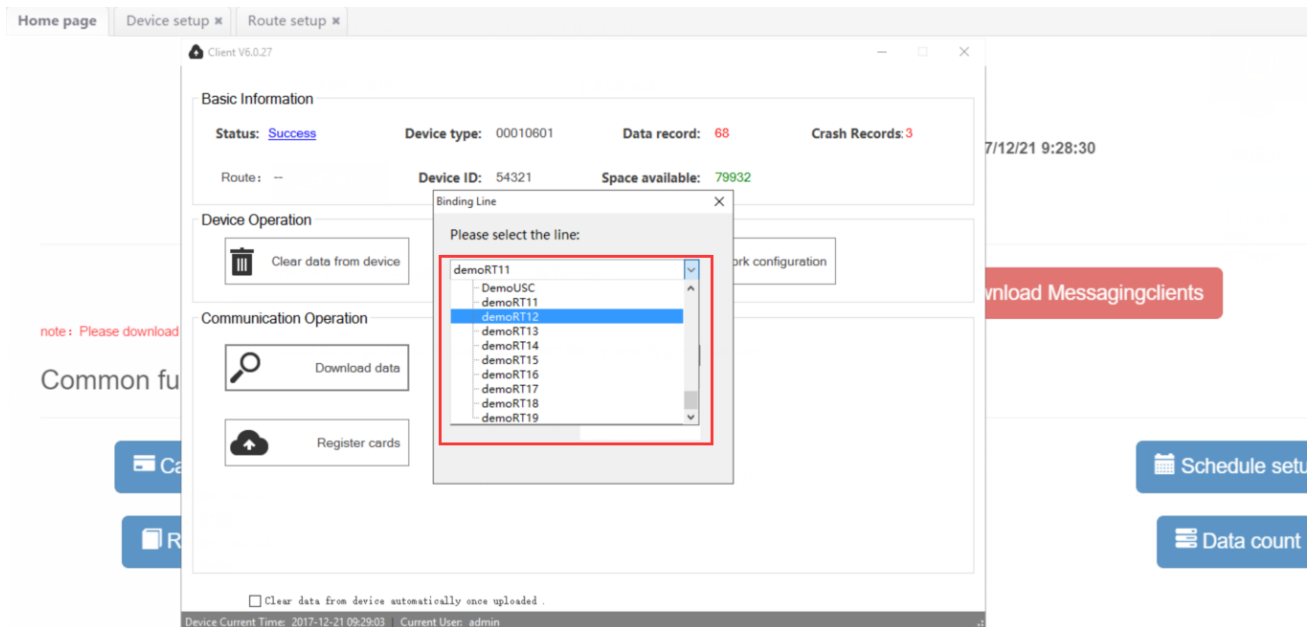


4.2.2 Communication

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 Configure 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.

Network configuration

the site domain or IP of your current visiting software

IP/Domain name:

e.g. : 111.111.11.11 or www.google.com

Port:

e.g. : 8888

APN:

e.g. : cmnet

User:

Note : unrequire Optional

Password:

Note : unrequire Optional

WIFI authentication:

WIFI encryption:

Save

default as 4321 usually (same port this software mapping in server)

APN info of the SIM card you use

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 :

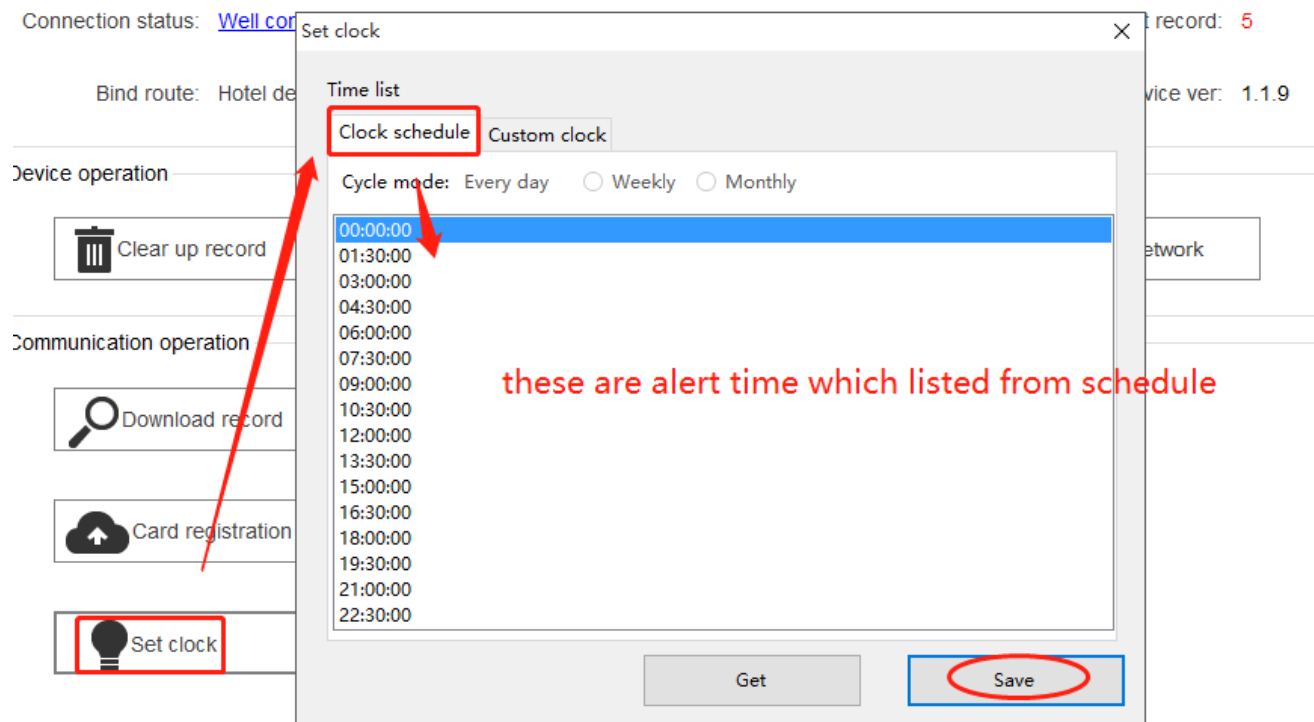
} APN info of SIM card

4.2.4 Set alarm clock

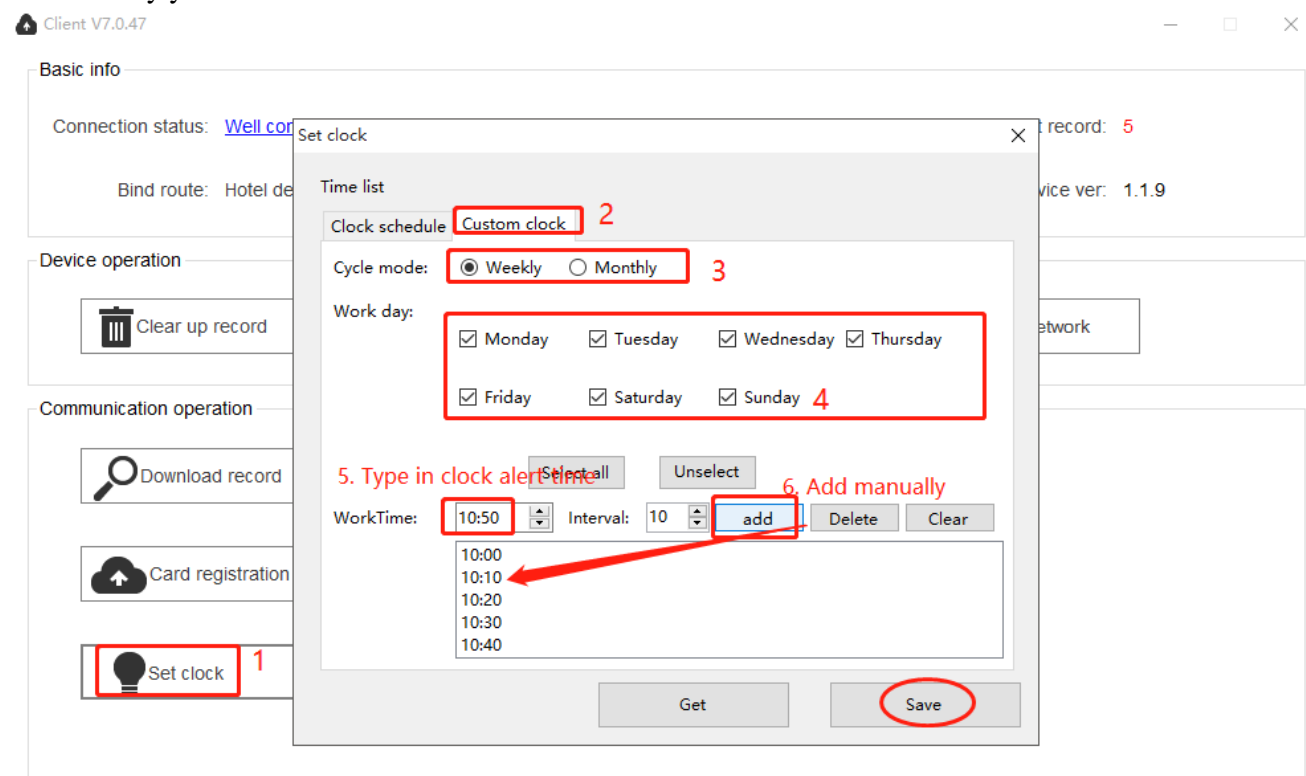
Set alarm to device to notify guard should start patrolling

It allow you to set clock in 2 method

1. Follow schedule



2. Define by yourself





4.2.5 Set device clock : Update device clock with server .

Client V6.0.25

Basic Information

| | | | |
|---------------------------------|-----------------------|---------------------|------------------|
| Status: Success | Device type: 00010108 | Data record: 232 | Crash Records: 0 |
| Device Na Warehouse no.1 | Device ID: 1703250012 | ace available: 4768 | |

Device Operation

Clear data from device

Update device clock

Set network configuration

Communication Operation

Download data

Upload

Register cards

Updating event

Fingerprint manager

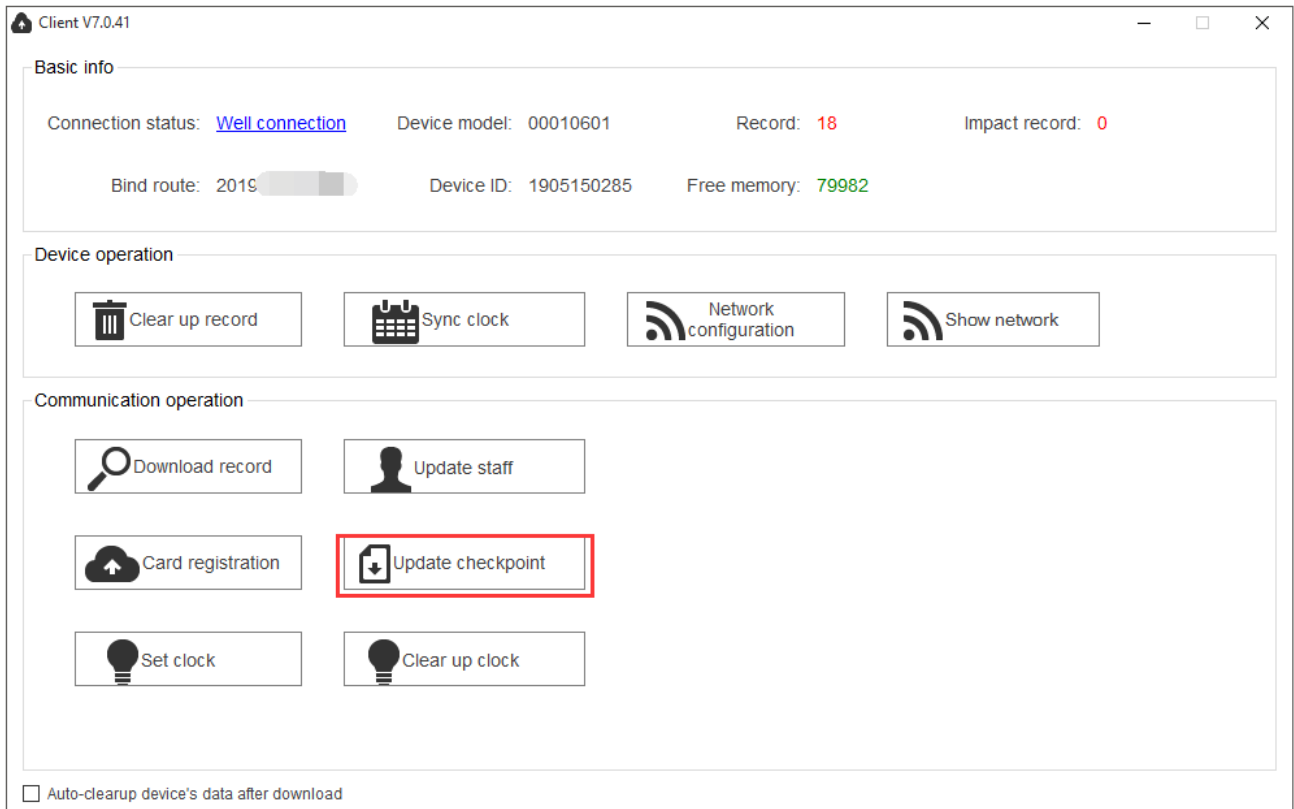
Success!

OK

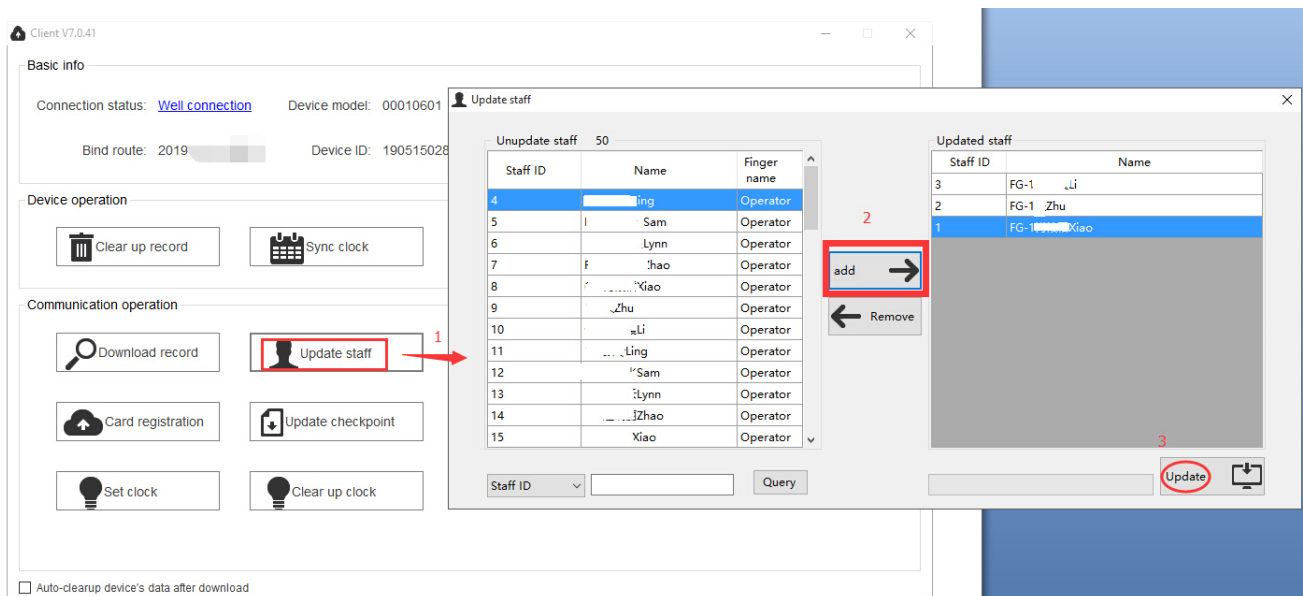
☐ Clear data from device automatically once uploaded .

4.2.6 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”.

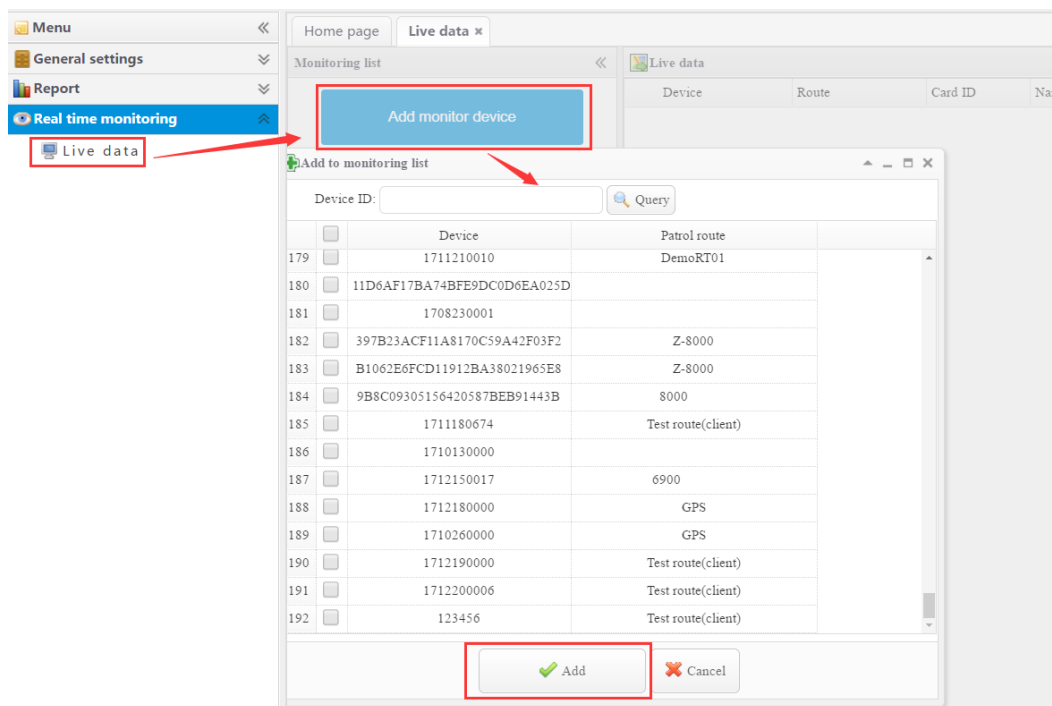




5. Online testing

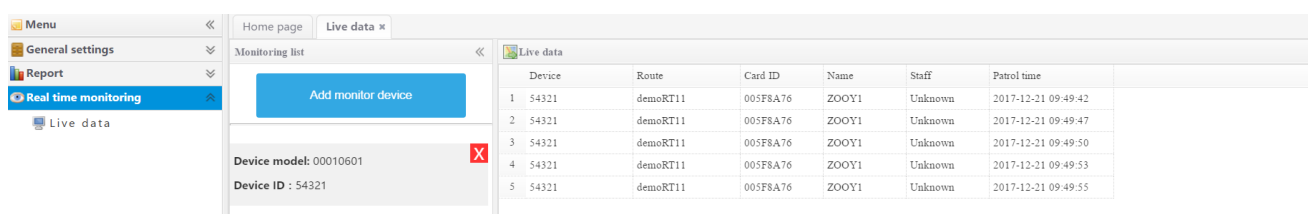
Add device to “Monitoring list” for real time data accessing. Then every time when data is sent out from patrol device , supervisor can saw its come into software synchronously.

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

| Route name | Address card | Address | Patrol date | Personnel card | Staff | Device ID |
|------------|--------------|---------|---------------------|----------------|-------|-----------|
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:40:29 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:41:20 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:41:37 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:49:42 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:49:47 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:49:50 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:49:53 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:49:55 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:51:37 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 09:59:47 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 10:02:52 | FFFFFFFF | | 54321 |
| demoRT11 | 005F8A76 | ZOORY1 | 2017-12-21 10:02:58 | FFFFFFFF | | 54321 |

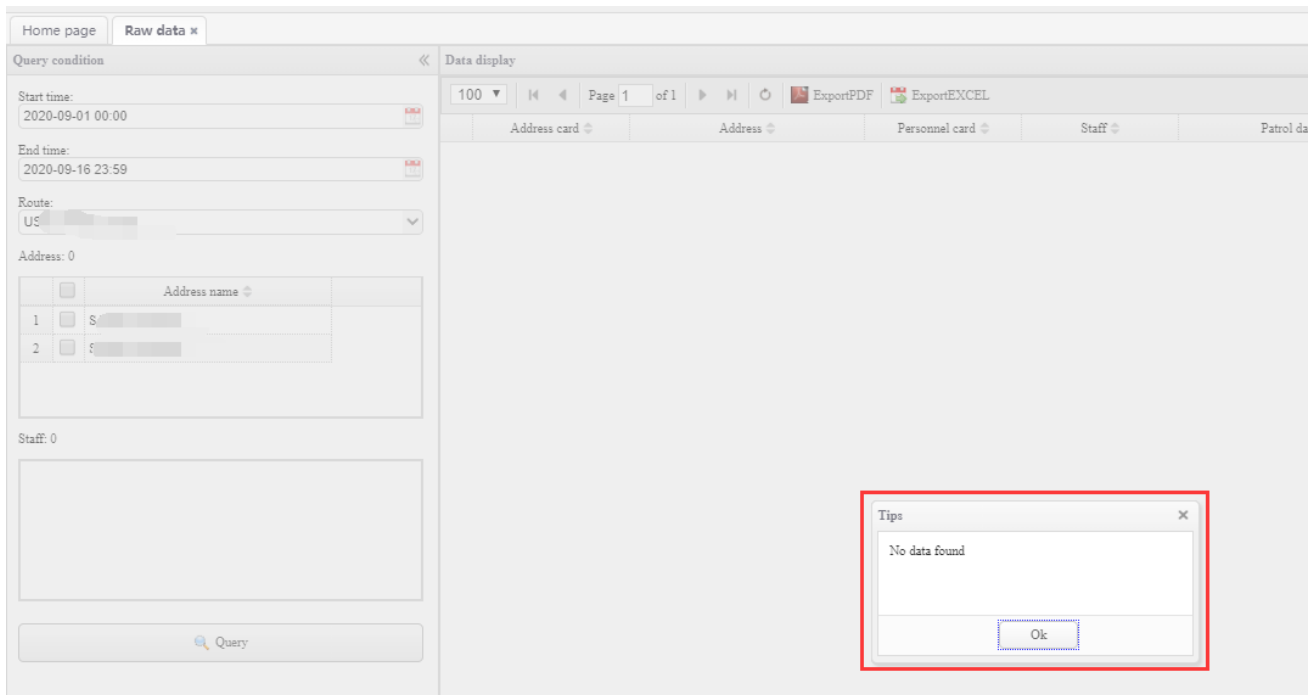
Raw Data Report

| Address name | Start time | End time | Plan inspector/team | Patrol staff | Patrol time | Patrol result | Check whether genera |
|--------------|---------------------|---------------------|---------------------|--------------|---------------------|---------------|----------------------|
| ZOORY2 | 2017-12-21 06:00:00 | 2017-12-21 06:59:59 | SAM | | | Missed | |
| ZOORY3 | 2017-12-21 06:00:00 | 2017-12-21 06:59:59 | SAM | | | Missed | |
| ZOORY4 | 2017-12-21 06:00:00 | 2017-12-21 06:59:59 | SAM | | | Missed | |
| ZOORY5 | 2017-12-21 06:00:00 | 2017-12-21 06:59:59 | SAM | | | Missed | |
| ZOORY1 | 2017-12-21 07:00:00 | 2017-12-21 07:59:59 | SAM | | | Missed | |
| ZOORY2 | 2017-12-21 07:00:00 | 2017-12-21 07:59:59 | SAM | | | Missed | |
| ZOORY3 | 2017-12-21 07:00:00 | 2017-12-21 07:59:59 | SAM | | | Missed | |
| ZOORY4 | 2017-12-21 07:00:00 | 2017-12-21 07:59:59 | SAM | | | Missed | |
| ZOORY5 | 2017-12-21 07:00:00 | 2017-12-21 07:59:59 | SAM | | | Missed | |
| ZOORY1 | 2017-12-21 08:00:00 | 2017-12-21 08:59:59 | SAM | | | Missed | |
| ZOORY2 | 2017-12-21 08:00:00 | 2017-12-21 08:59:59 | SAM | | | Missed | |
| ZOORY3 | 2017-12-21 08:00:00 | 2017-12-21 08:59:59 | SAM | | | Missed | |
| ZOORY4 | 2017-12-21 08:00:00 | 2017-12-21 08:59:59 | SAM | | | Missed | |
| ZOORY5 | 2017-12-21 08:00:00 | 2017-12-21 08:59:59 | SAM | | | Missed | |
| ZOORY1 | 2017-12-21 09:00:00 | 2017-12-21 09:59:59 | SAM | | 2017-12-21 9:40:29 | Qualified | Yes |
| ZOORY2 | 2017-12-21 09:00:00 | 2017-12-21 09:59:59 | SAM | | | Missed | |
| ZOORY3 | 2017-12-21 09:00:00 | 2017-12-21 09:59:59 | SAM | | | Missed | |
| ZOORY4 | 2017-12-21 09:00:00 | 2017-12-21 09:59:59 | SAM | | | Missed | |
| ZOORY5 | 2017-12-21 09:00:00 | 2017-12-21 09:59:59 | SAM | | | Missed | |
| ZOORY1 | 2017-12-21 10:00:00 | 2017-12-21 10:59:59 | SAM | | 2017-12-21 10:02:52 | Qualified | Yes |
| ZOORY2 | 2017-12-21 10:00:00 | 2017-12-21 10:59:59 | SAM | | | Missed | |

Patrol result report

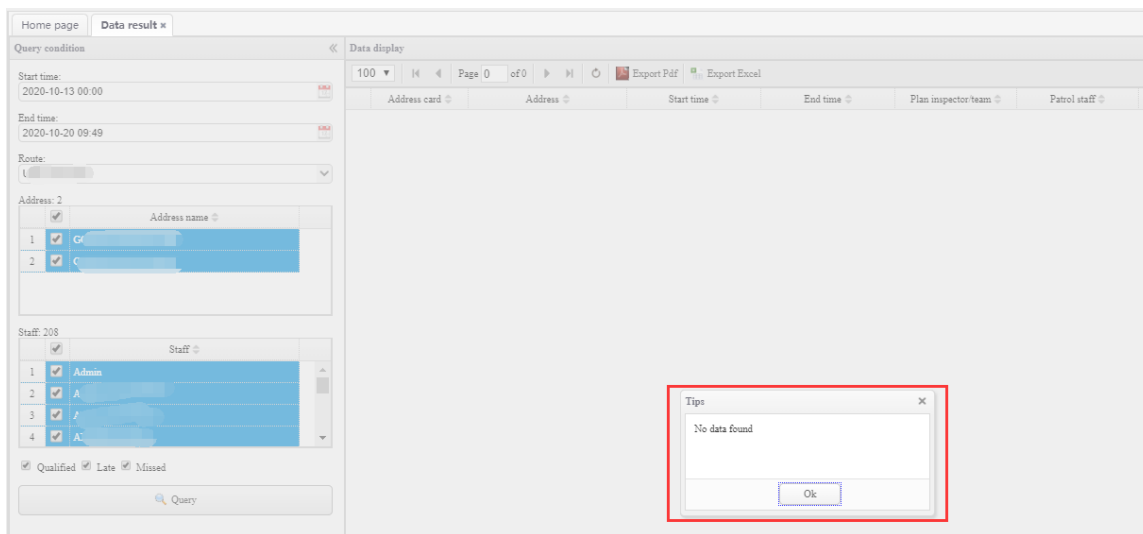
8. Fault with report

8.1 “No data found ”from report RAW DATA



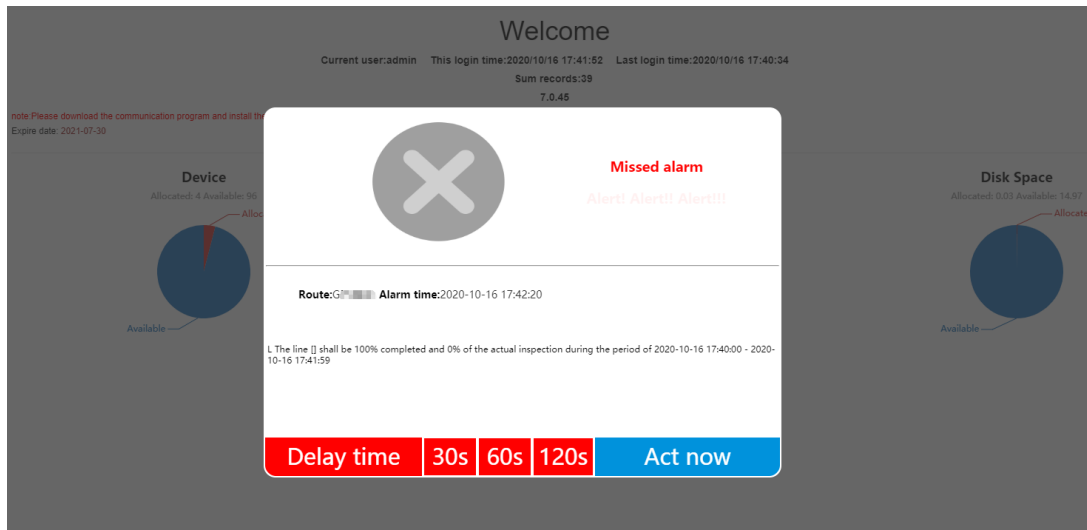
Method : Please be sure the query date period is correct selected , suggest you can select more longer date .

8.2 “No data found ”from report DATA RESULT



Method : Please cancel all tick for “ staff” (if you tick staff, here default all staff under your account are selected, so software will searching result matched with all staff , obviously there will be no result matched).

9. Missing patrol notification



Settings

If your schedule time are :

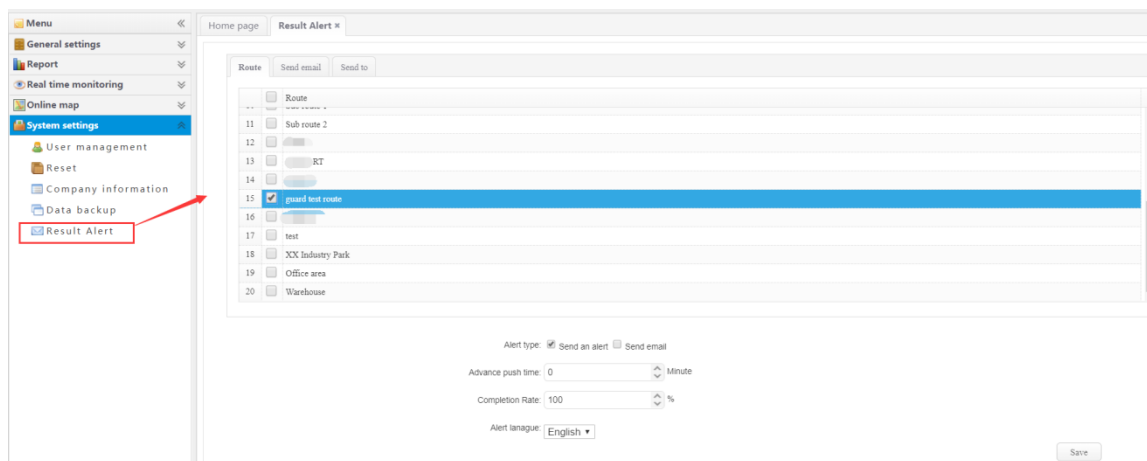
| | |
|-------------------|-----------------------|
| 8:00 am -9:00am | 1 st round |
| 10:30 am -13:00pm | 2 nd round |
| 13:30pm-15:00pm | 3 rd round |

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 .

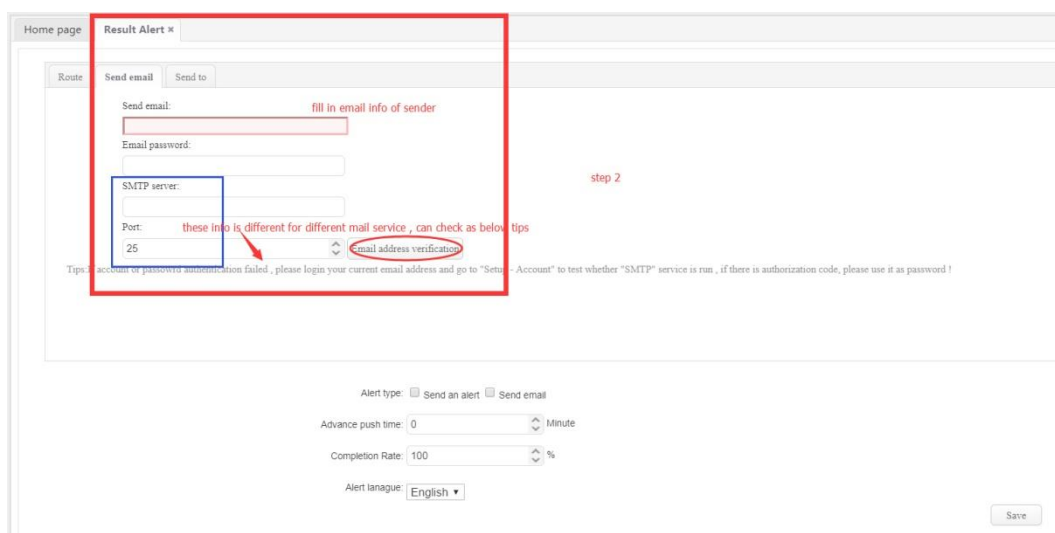
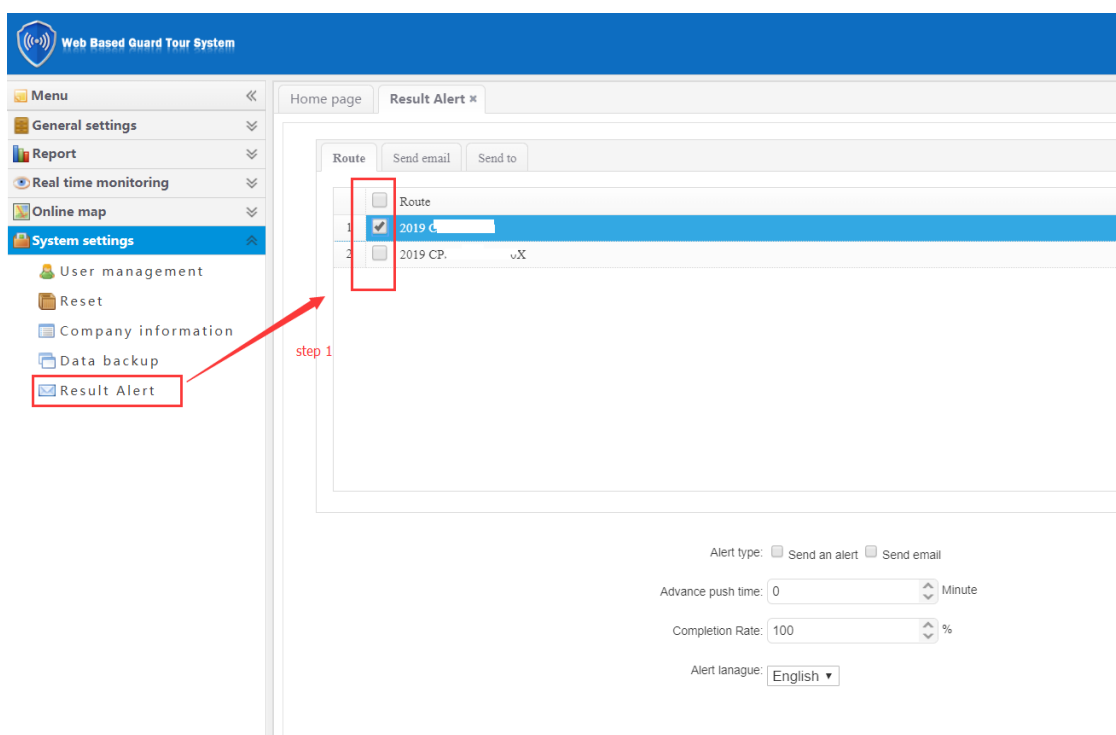
For example , if current route contain 10 tags should be checked , user can set the notification in finish rate like 50%, 60%, 80%, 100% (these rate can be set baased on user's actual demand) . Then if each round the finished tag less than 6, 8, 10pcs , then alert will be sent out automatically .

Can set both Alert notification and email notification .

a. Alert notification



b. Email notification



Home page Result Alert x

Route Send email **Send to**

Send to

step 3
Fill in receiver's address (can add many receiver address , no limit)

Send to:

Save Cancel

+ Add X Delete

Alert type: ☐ Send an alert ☐ Send email

Advance push time: 0 Minute

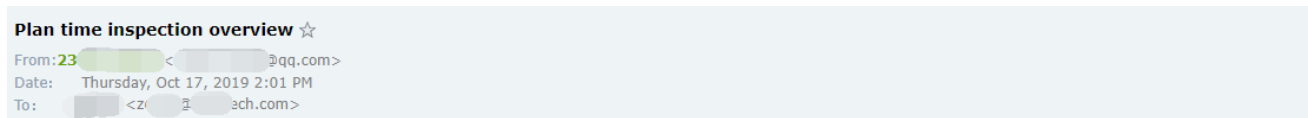
Completion Rate: 100 %

Alert lanague: English

Save

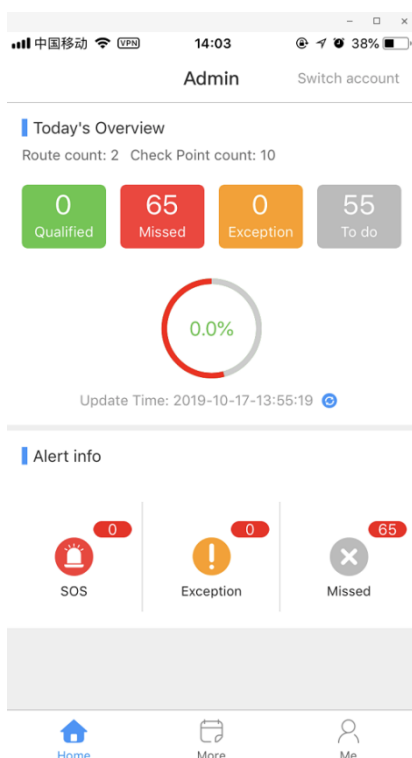
Now , once each round schedule finished, the receiver's email will receive an email notification to report finishing rate .

Email content as below :



The line [2019 CF [redacted]] shall be 100% completed and 0% of the actual inspection during the period of 2019-10-17 13:00 - 2019-10-17 13:59

You can also check from Cellphone application anytime

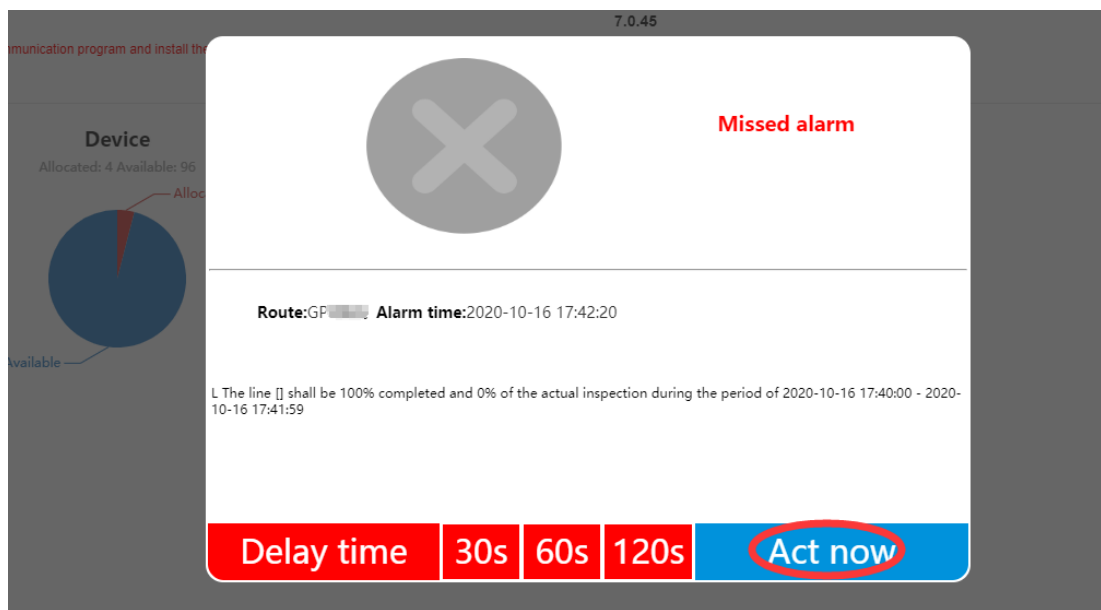


Alert info

| SOS | Exception | Missed |
|---|-----------|--------|
| Patrol: Route: 2019 CP [redacted] Check point: [redacted] Smarthome Hal Time: 2019/10/17 0:00:00 - 2019/10/17 0:59:59 | | |
| Patrol: Route: 2019 CP [redacted] Check point: [redacted] Smarthome Hal Time: 2019/10/17 1:00:00 - 2019/10/17 1:59:59 | | |
| Patrol: Route: 2019 CF [redacted] Check point: [redacted] Smarthome Hal Time: 2019/10/17 2:00:00 - 2019/10/17 2:59:59 | | |
| Patrol: Route: 2019 CF [redacted] Check point: [redacted] Smarthome Hal Time: 2019/10/17 3:00:00 - 2019/10/17 3:59:59 | | |
| Patrol: Route: 2019 CPS [redacted] Check point: [redacted] Smarthome Hal Time: 2019/10/17 4:00:00 - 2019/10/17 4:59:59 | | |
| Patrol: Route: 2019 CF [redacted] Check point: [redacted] Smarthome Hal | | |

10. How to cancel the alert from software?

When alert happen, alarm will pop up automatically at software page . You can click delay (30s/60s/120s for option) to delay the next alarm reminding window (alarm will not disappear from software till you click “ act now” and process them). This function act as monitor for software supervisor in case of any emergency reported from site officer or if missed site not patrolled , so that they can contact with site officer and confirm situation in earlier time in case of missed point happen again .



Alarm image

A screenshot of a software interface for handling an alarm. It has two main sections: 'Handle person:' and 'Handling suggestion:'. Under 'Handle person:', there are two input fields: 'Account:' with the value 'admin' and 'Password:' with the value '****'. Red arrows point from these fields to a red text box that says 'here account and password should be the one who current logging in software and process this alarm'. Under 'Handling suggestion:', there is a text area with the text 'contact with site guard already'. A red arrow points from this text area to another red text box that says 'type in the result after confirm with site guard'. At the bottom, there is a pink text box that says 'this alarm processing result will be stored into software automatically as a piece of result, for future history checking use to ensure supervisor take positive action once alarm received'. At the very bottom, there are two buttons: 'Save' (blue) and 'Cancel' (red).

Action image

| Query condition | | Data display | | | | | | | | | |
|-----------------|------------------|------------------------------|---------------------|-------------------|---------------|---------------------|---------------------|--|--|--|--|
| Start time: | 2020-10-13 00:00 | 30 1 1 of 1 | | | | | | | | | |
| End time: | 2020-10-20 10:36 | Displaying 1 to 6 of 6 items | | | | | | | | | |
| Route: | UC | | | | | | | | | | |
| Query | | | | | | | | | | | |
| Alarm location | Alarm person | Type | Alarm time | Processing state | Handle person | Handling suggestion | Handle time | | | | |
| 1 | | Missed alarm | 2020-10-15 19:58:12 | Already processed | admin | ADDIN | 2020-10-15 19:58:56 | | | | |
| 2 | | Missed alarm | 2020-10-15 20:56:12 | Already processed | admin | ok | 2020-10-15 22:05:05 | | | | |
| 3 | | Missed alarm | 2020-10-15 21:56:12 | Already processed | admin | ok | 2020-10-15 22:12:30 | | | | |
| 4 | | Missed alarm | 2020-10-15 22:56:13 | Already processed | admin | okay | 2020-10-15 23:53:23 | | | | |
| 5 | | Missed alarm | 2020-10-15 23:56:13 | Already processed | admin | okay | 2020-10-15 23:56:36 | | | | |
| 6 | | Missed alarm | 2020-10-15 23:58:14 | Already processed | admin | OKAY | 2020-10-16 00:03:31 | | | | |

Alarm report