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# FG-5 Camera GPRS Guard Tour System

## I. Parameter

	TFT 2.4inch 240*320 high color screen
	125kHz EM card (TI 13.56Mhz can be customized)
	Response time<0.1S
	LED flicker + beeps+ screen display for success operation
	10,000 logs memory capacity
	GPRS transmission
	High speed free driver , 10 times faster speed then market products
	2.0 Mega camera
	Can set 15pcs patrol item for each signal check point
	Numeric item can be 12 digit (8 digit before decimal point, 4 digit after decimal point)
	5 options for each logical item
	Battery: 1350mAh rechargeable lithium battery
	Power Consumption: 60~180mA
	Size:170*75*40MM
	Weight 200g



## II .System configuration list



## III . Operation

### 3.1 Reading and data transmission

During patrol, security officer walk around the scheduled ,firstly to scan their staff ID card to login as confirmation for personnel identity . When they arrived to patrol site, li th close check point in 3~5cm with device, device will detect check point automatically (user can enter the patrol result for each patrol item/task). As all scanning finished, device store all collected data automatically and sent to connected server in real time

How to verify whether data sent out successfully ?

#### Picture

2016-09-12

✉ 00039/00008

(00039/0008 means Total records : 39pcs . Unsent record: 8pcs) . Which means there are 8pcs data not sent out successfully .



### 3.2 Send SOS alarm

Go to the logo page for long pressing button“\*” 10 seconds or go to menu page to click” send alarm”.

Once alarm sent out successfully, device screen will popup “Sent successfully”. At the same time ,central

software will pop up the alarm flash icon and voice sound.



Alert!Alert!Alert!!!

---

**Alarm person:** Sam **Alarm location:** ZOOY2 **Route:** test schedule **Alarm time:** 2018-06-29 09:46:48

Ignore

Act now

### 3.3 SIM Card installation

**Open the device battery cover (as below)**



#### **IV. Basic software installation**

##### **4.1 Software installation**

Please refer to the “Help” document from software CD

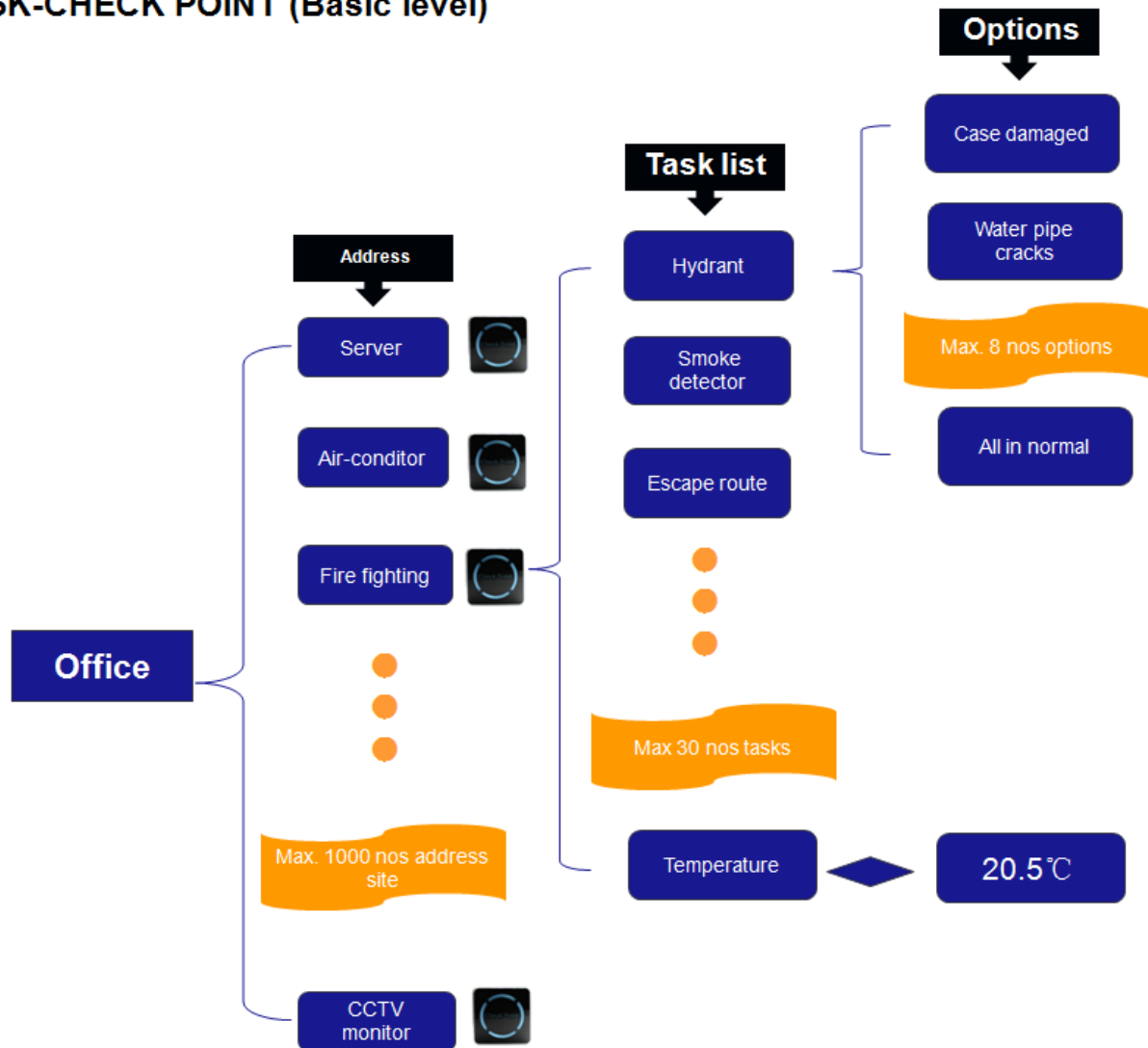
##### **4.2 Software setup**

###### **4.2.1 Basic settings**

###### **4.2.1.1 Item setup**

**This device support support    Item user defined (exception as below    picture)**

## TASK-CHECK POINT (Basic level)



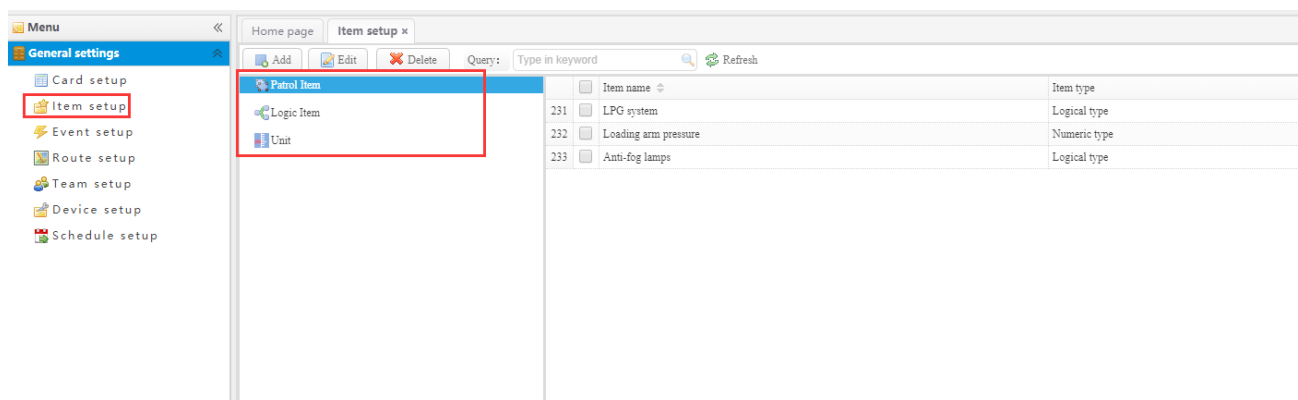
**Setup: Item Setup**—> add Item name , logical options and unit one by one (as below)

### As above picture

Task list means the patrol item . Eg.: Hydrant, Smoke detector, Escape route and etc which ask be patrolled during security officer's patrolling (notice: while setup in software , there are options to remind user classify its NUMERIC or logical item. NUMERIC type: such as temperature , voltage , electricity current, person amount , these ask to type in number as result, we classify these are Numeric item . LOGICAL type: need to select result from default options for status or result, such as cleaning status, air conditioner switch and etc. )

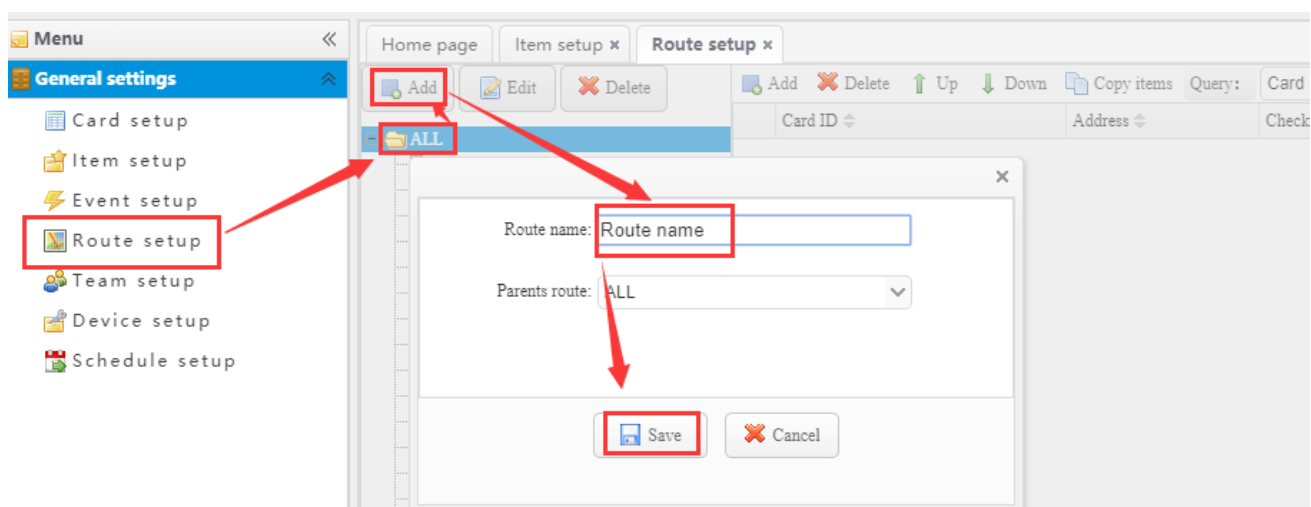
**OPTION** is logical option

**UNIT:** such as °C, PCS, UNIT, m<sup>3</sup> and etc.



#### 4.2.1.2 Route setup

Go to “General setup”> **Route setup** -> **Click All**-> **Add**-> **Type in route name** -> click “**Save**”.



Add check point to patrol route -> If need to add check item to connected check point , select patrol item-> Add, tick the item from list and add to each check point (every check point allow 30pcs different item maximally, you can add based on your actual demand , can ignore also). If you add “Logical type item , then need to add the logical options at right for this patrol item .

If you add “ Numeric type “ patrol item , then need to add unit at the right .



Menu

General settings

- Card setup
- Item setup
- Event setup
- Route setup** 1
- Team setup
- Device setup
- Schedule setup

Home page Route setup x

Add Edit Delete

ALL Secutech Vietnam2018 2

Card ID	Address	Check item amount
00B0222E 3	Security hall	5
00B08328	Smart home hall	5
00B0AC76	Fire protection ha	0
00B08CE5	Service center	0

Patrol items

Add Delete Up Down

Item name	Item type
1 power	Logical type
2 temperature	Numeric type
3 Trash cleaning	Logical type
4 Exit signs	Logical type
5 Environment humidity	Numeric type

Item name Item type

Indicator lighting time Numeric type

Appearance Logical type

Push button Logical type

Loop voltage Numeric type

fire extinguisher date Logical type

fire extinguisher quantity Logical type

20 Page 7 of 11

Displaying 121 to 140 of 212 items

Max items : 30 Existed items : 5 Selected item : 0 Available item : 25

All None **Submit** Cancel

Add Delete Up Down Copy items Query: Card ID Refresh

Card ID	Address	Check item amount
00B0222E	Security hall	5
00B08328	Smart home hall	5
00B0AC76	Fire protection ha	0
00B08CE5	Service center	0

Edit

Max value: 0.0000

Min value: 0.0000

Default value: 0.0000

Unit: °C

min

123

m²

MPa

r/s

PCS

%

Kpa

°C

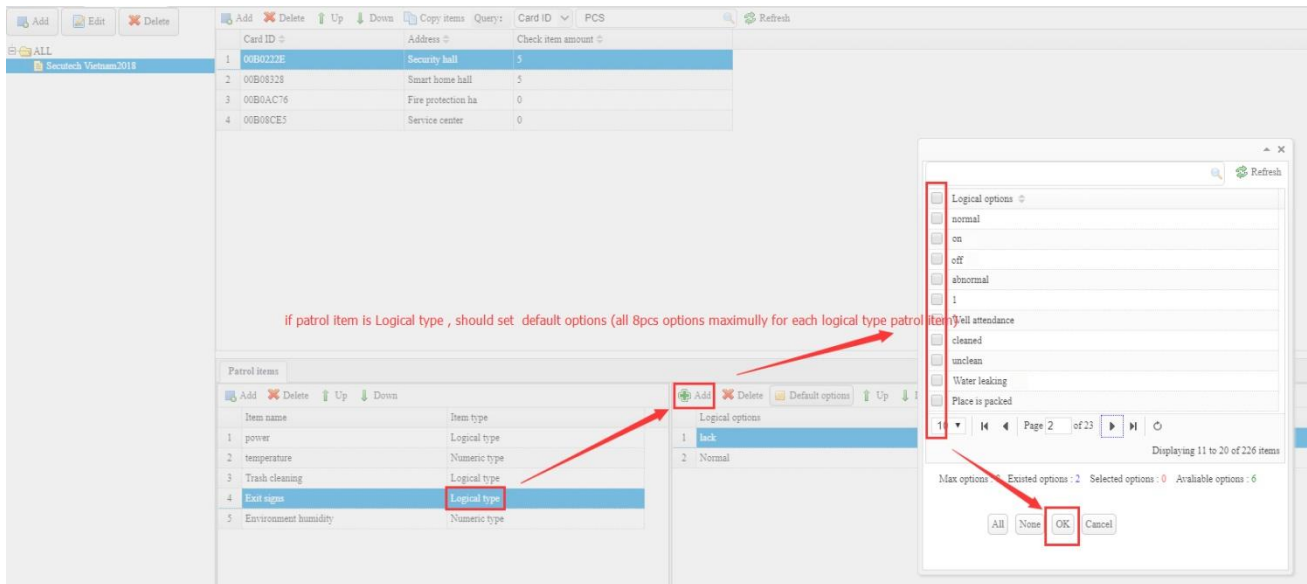
set default UNIT for numeric patrol item

Patrol items

Add Delete Up Down

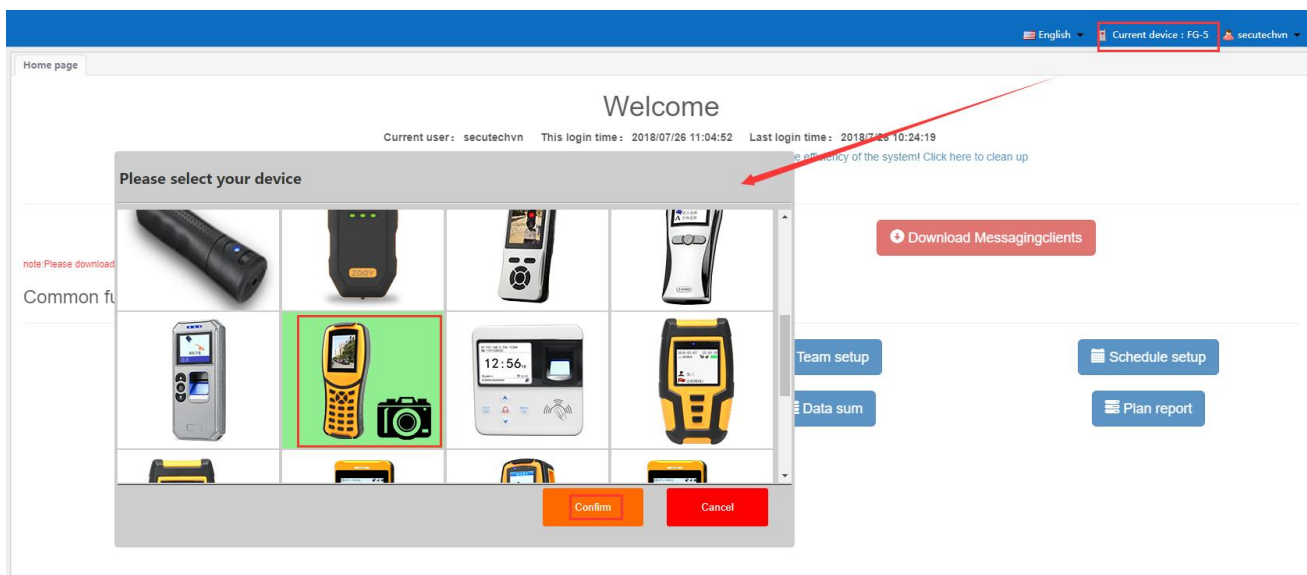
Item name	Item type
1 power	Logical type
2 temperature	<b>Numeric type</b>
3 Trash cleaning	Logical type
4 Exit signs	Logical type
5 Environment humidity	Numeric type


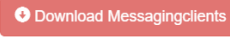
Max value	Min value	Unit
0	0	°C



## 4.2.2 Communication

Connect device with software by USB cable , login software and select the device picture as what you use .



Start communication by click “Start communication ”  to go to communication page , if there is no response , please click “Download Messagingclients”  to download the communication program first (when your first time to use this software , please MUST download communication program). Same PC only need to install this program at first time use .

Go to communication page , add your patrol device to your created route → type in serial number→ Give device a name to help your better memory and classification for device → enter your timezone

## Welcome

Current user: secutechvn This login time: 2018/07/26 11:30:25 Last login time: 2018/7/26 10:24:19  
Sum records: 258618 Patrol record now more than 50000 logs, suggest you to clear data to improve the efficiency of the system! [Click here to clean up](#)  
6.0.40

[Start Communication](#)[Download Messagingclients](#)

note: Please download the communication program and install the communication program after installation

## Common function

[Card setup](#)[Route setup](#)[Team setup](#)[Schedule setup](#)[Raw data](#)[Data result](#)[Data sum](#)[Plan report](#)

Client V6.0.40

## Basic info

Connection status: [Well connection](#)

Device model: 00010508

Record: 0

Impact record: 0

Bind route: --

## Device operation



Clear up record

## Communication operation



Download record



Card registration



Set clock

Bind route

select one of route from you created and add this device to it

Bind route:

Secutech Vietnam2018

Serial No:

Each device is with global unique ID number and serial number, this can be found from your device body (a sticker pasted) or contact with your vendor

Device name:

you can give this device a nickname (help you to classify device when you have multiple device)

Your timezone:

08:00:00

your location time zone

Note: after bind route, all patrol data and query data result are related to this route; Your timezone is different with host, please select your timezone!

Save

☐ Auto-clearup device's data after download

Set clock as current 2018-07-26 11:33:52 Current user: secutechvn

### 4.2.3 Configure network (this step is very important for GPRS data transmission)

Client V6.0.40

Basic info

Connection status: [Well connection](#) Device model: 00010601 Record: 80 Impact record: 2

Free memory: 79920

Network configuration

IP/Domain name:  e.g. : 111.111.11.11 or www.google.com

Port:  default 4321 e.g. : 8888

APN:

User:  Note : unrequire Optional

Password:  Note : unrequire Optional

WIFI authentication:

WIFI encryption:

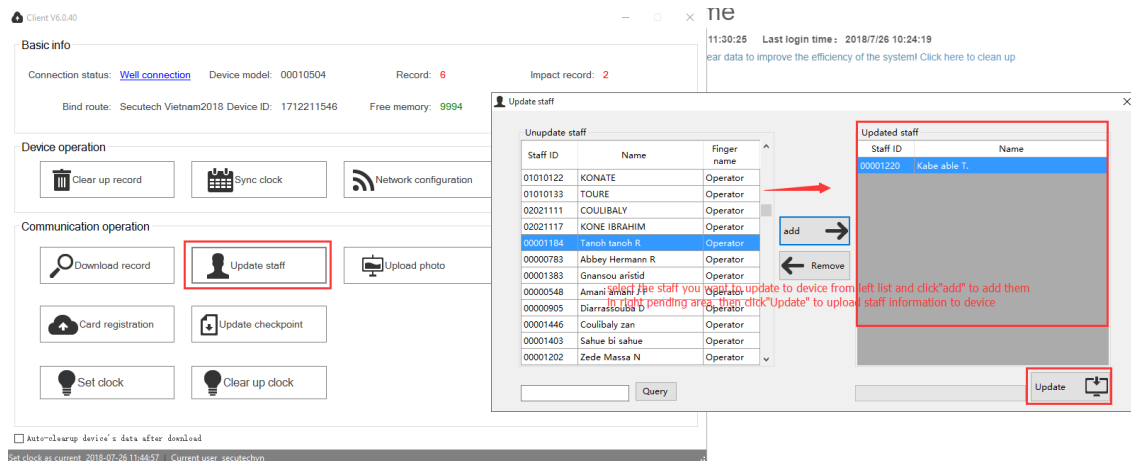
Network configuration

Set clock as current 2018-07-25 18:03:58 Current user admin

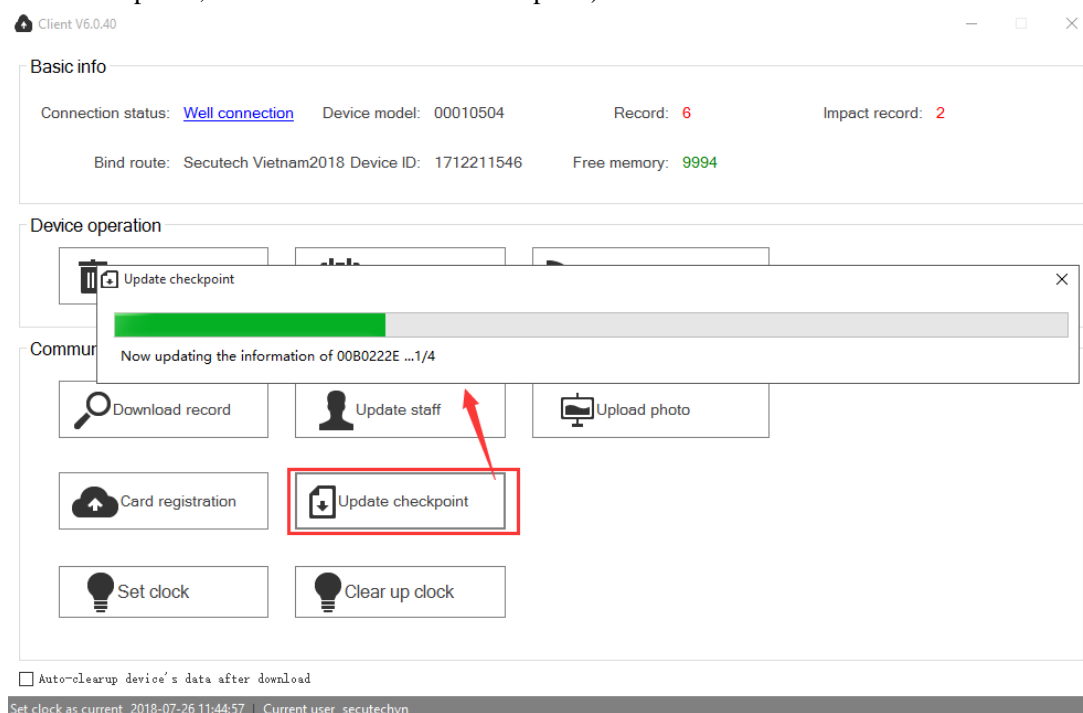
Click “Save” and restart device manually by long pressing power button → go to menu page ,press button #06# to confirm whether network information is same as your setting in software .

### 4.2.4 Upload Clock/Card setup and personnel information to device .

Update staff info from software to device (this step is to make staff name you set in software can be displayed on device when read related staff ID card . If not click this step, when guard scan their staff ID card , device will show “unknown name)



Update check point from software to device (this step is to make check point name and patrol item you set in software can be displayed on device when read related check point/address card . If not click this step, when guard scan check point , device will show “unknown point)



## Update device clock

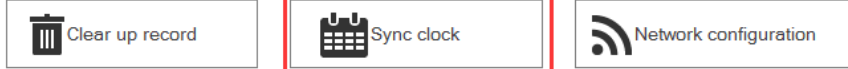
If device clock time error , you can click” Sync clock ” to update your synchronize the server time with device.

- Basic info

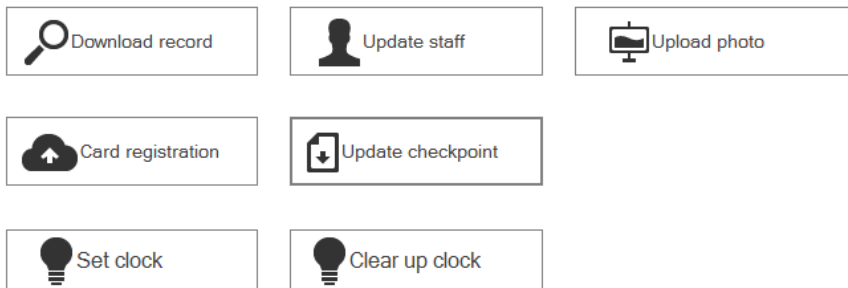
Connection status: [Well connection](#)    Device model: 00010504    Record: 6    Impact record: 2

Bind route: Secutech Vietnam2018 Device ID: 1712211546    Free memory: 9994

- Device operation



- Communication operation

☐ Auto-clearup device's data after download

Set clock as current 2018-07-26 11:44:57 | Current user secutechvn

## V. Report query

**Raw Data:** All data downloaded from device can all be displayed here .

Menu

General settings

Report

**Raw data**

Data result

Plan report

Data sum

Impact record

Image report

Alarm report

Exception report

Home page Raw data »
Query condition
Data display

100 1 of 1
Exception process ExportPDF ExportEXCEL
Displaying 1 to 16 of 16 items

Start time:	Address card	Address	Patrol date	Personnel card	Staff	Device ID	Item name	Photo
07/20/2018 00:00							power: # on	
End time:	1	08B0222E Security hall	2018-07-26 09:45:05	00000065	Lynn01 Secutech	1804218531		
07/26/2018 23:59	2	08B08328 Smart home hall	2018-07-26 09:45:08	00000065	Lynn01 Secutech	1804218531		
Route:	3	08B0AC76 Fire protection ha	2018-07-26 09:45:12	00000065	Lynn01 Secutech	1804218531		
Secutech Vietnam2018	4	08B09CE5 Service center	2018-07-26 09:45:15	00000065	Lynn01 Secutech	1804218531		
Address: 0	5	08B0222E Security hall	2018-07-26 09:45:19	00000065	Lynn01 Secutech	1804218531	power: on	
	6	08B08328 Smart home hall	2018-07-26 09:45:21	00000065	Lynn01 Secutech	1804218531		
	7	08B0AC76 Fire protection ha	2018-07-26 09:45:23	00000065	Lynn01 Secutech	1804218531		
	8	08B09CE5 Service center	2018-07-26 09:45:25	00000065	Lynn01 Secutech	1804218531		
Select person: 0	9	08B0222E Security hall	2018-07-26 09:59:41	001A8ED1	Sam Secutech	1712211546	power: off temperature: 12 °C Trash cleaning: no Exit sign: lack Environment humidity: 20 % Trash cleaning: cleaned Indoor temperature: 25 °C Whether exiting locking: no Cleaning status: No clogging, no dust Whether power supply closed: on	
	10	08B08328 Smart home hall	2018-07-26 10:00:10	001A8ED1	Sam Secutech	1712211546		
	11	08B0AC76 Fire protection ha	2018-07-26 10:00:31	001A8ED1	Sam Secutech	1712211546		
	12	08B09CE5 Service center	2018-07-26 10:00:35	001A8ED1	Sam Secutech	1712211546		
	13	08B0222E Security hall	2018-07-26 10:01:58	001A8ED1	Sam Secutech	1712110016	power: on	
	14	08B08328 Smart home hall	2018-07-26 10:02:00	001A8ED1	Sam Secutech	1712110016		
	15	08B0AC76 Fire protection ha	2018-07-26 10:02:02	001A8ED1	Sam Secutech	1712110016		
	16	08B09CE5 Service center	2018-07-26 10:02:05	001A8ED1	Sam Secutech	1712110016		

### Raw Data Query

**Data result :** Result compared with schedule and listed with result (Late , miss and qualified)

Menu: General settings, Report, Raw data, Plan report, Data sum, Impact record, Image report, Alarm report, Exception report

Home page | Raw data | Schedule setup | Data result

Query condition: Start time: 07/26/2018 00:00, End time: 07/26/2018 14:14, Route: Secutech Vietnam2018, Address: 4

Select person: 0

Query: [Query]

Address name	Start time	End time	Plan inspector	Patrol staff	Patrol time	Patrol result	Item name	Checking items	User
22 Smart home hall	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
23 Fire protection ha	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
24 Service center	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
25 Security hall	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
26 Smart home hall	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
27 Fire protection ha	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
28 Service center	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
29 Security hall	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
30 Smart home hall	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
31 Fire protection ha	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
32 Service center	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
33 Security hall	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
34 Smart home hall	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
35 Fire protection ha	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
36 Service center	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
37 Security hall	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:05	Qualified	power	on	
38 Smart home hall	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:08	Qualified			
39 Fire protection ha	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:12	Qualified			
40 Service center	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:15	Qualified			
41 Security hall	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:01:58	Qualified	power	on	
42 Smart home hall	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:00:10	Qualified	Trash cleaning Indoor temperature Whether ceiling leaking? Cleaning status Whether power supply closed	on cleaned 25.0000 no No clogging, no dust on	
43 Fire protection ha	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:00:31	Qualified			
44 Service center	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:00:35	Qualified			
45 Security hall	2018-07-26 11:00:00	2018-07-26 11:59:59				Miss			

## Data query

## Image report

Click “Upload photo” at communication page to download photo from device to software

Client V6.0.40

Basic info: Connection status: **Well connection**, Device model: 00010504, Record: 10, Bind route: Secutech Vietnam2018, Device ID: 1712211546, Free memory: 9990

Device operation: Clear up record, Sync clock, Network configuration

Communication operation: Download record, Update staff, **Upload photo**, Card registration, Update checkpoint, Set clock, Clear up clock

Auto-clearup device's data after download

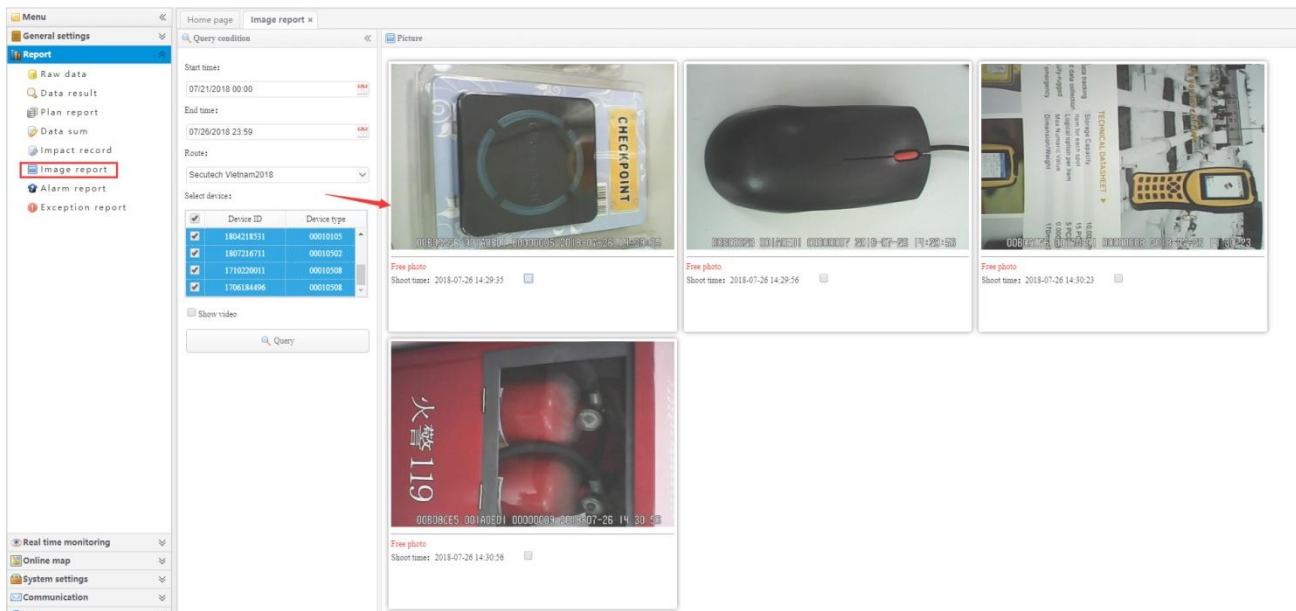
Set clock as current: 2018-07-26 14:31:24, Current user: secutechv

Upload photo dialog:

Unrelate photo: FFFFFFFF20180206102606.jpg, FFFFFFFF20180206102610.jpg

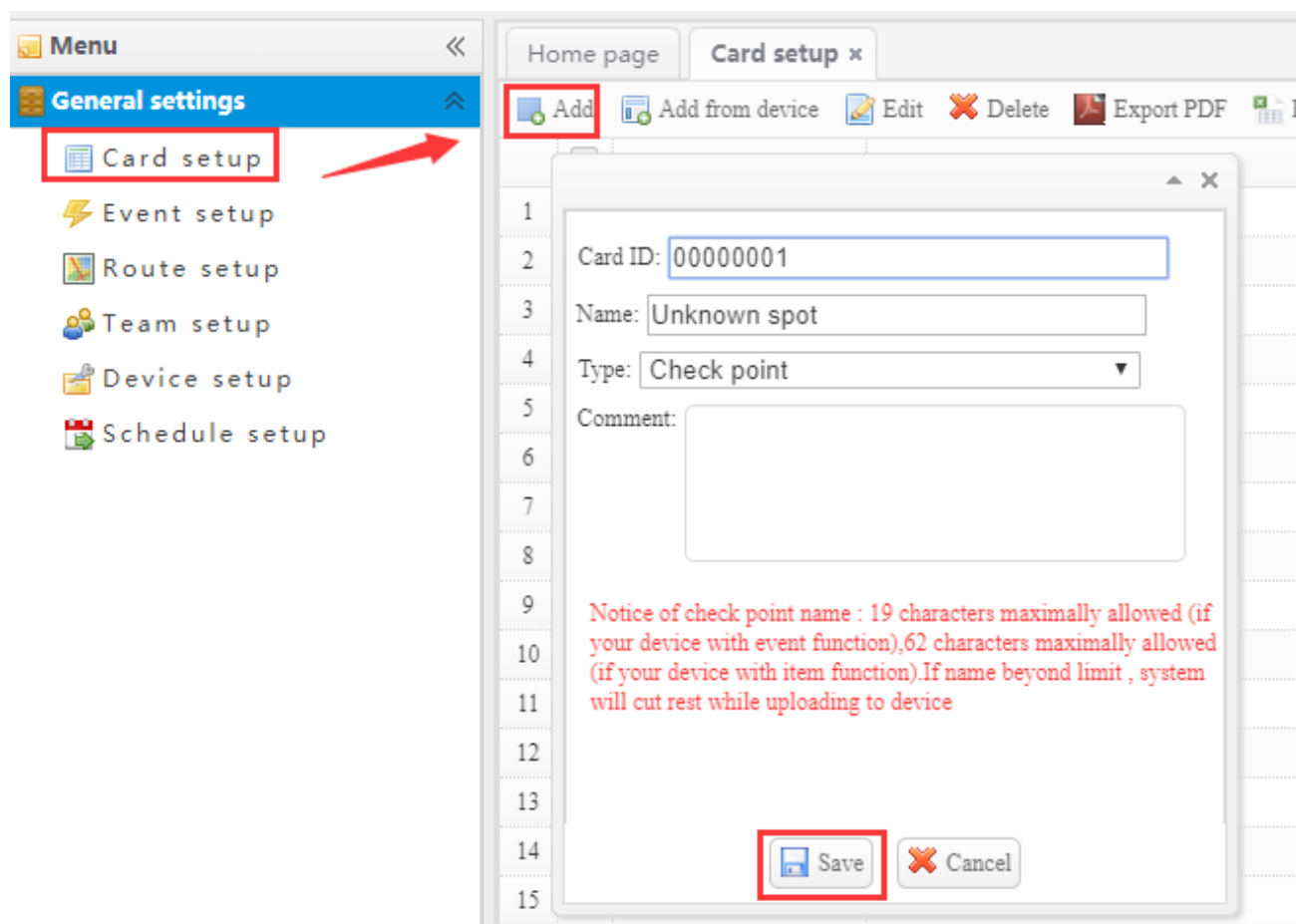
Patrol photo: 00B083280000007001A0ED12..., 00B0AC7600000008001A0ED12..., 00B08CE50000009001A0ED12...

Buttons: Read, Save, Delete



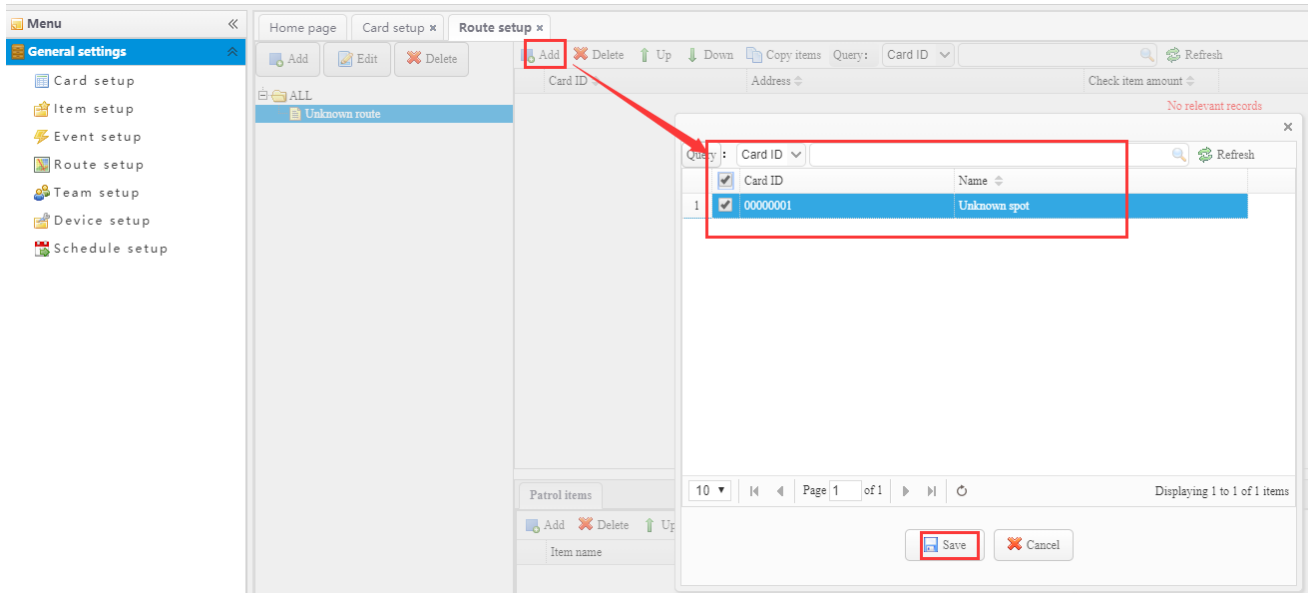
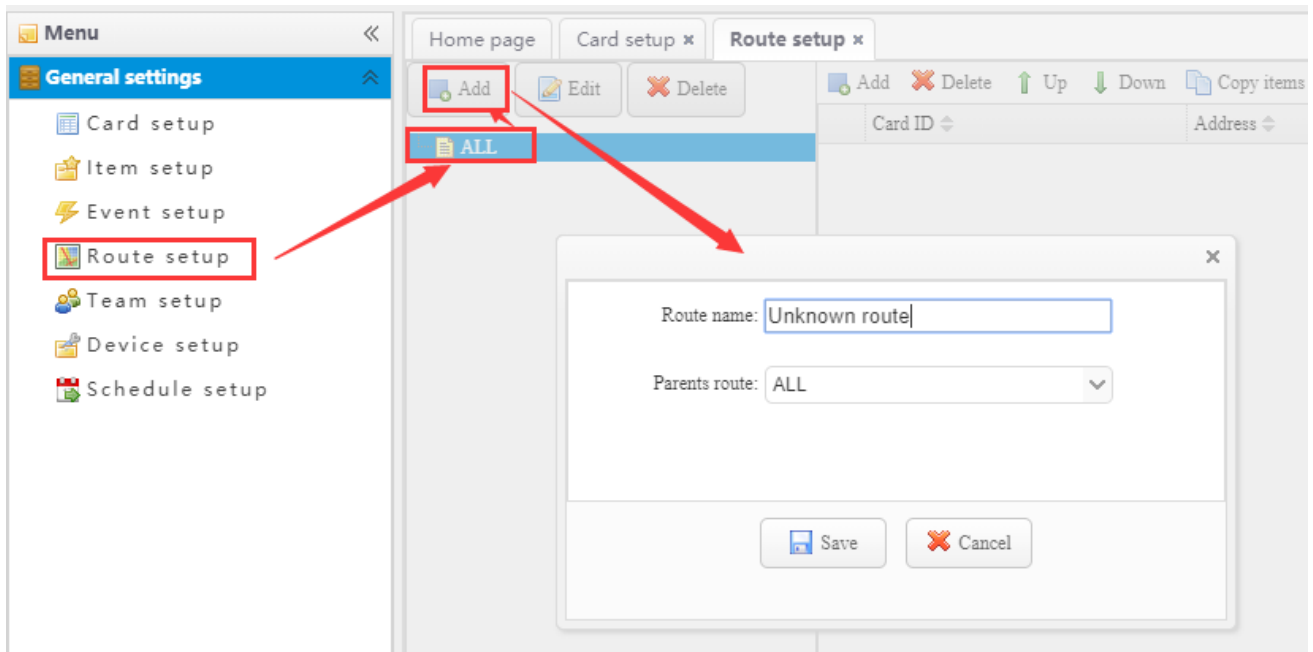
## VI . How to reset device to default mode ?

1. Add a fictitious check point to “card manager” with ID 00000001 and name “unknown spot” .

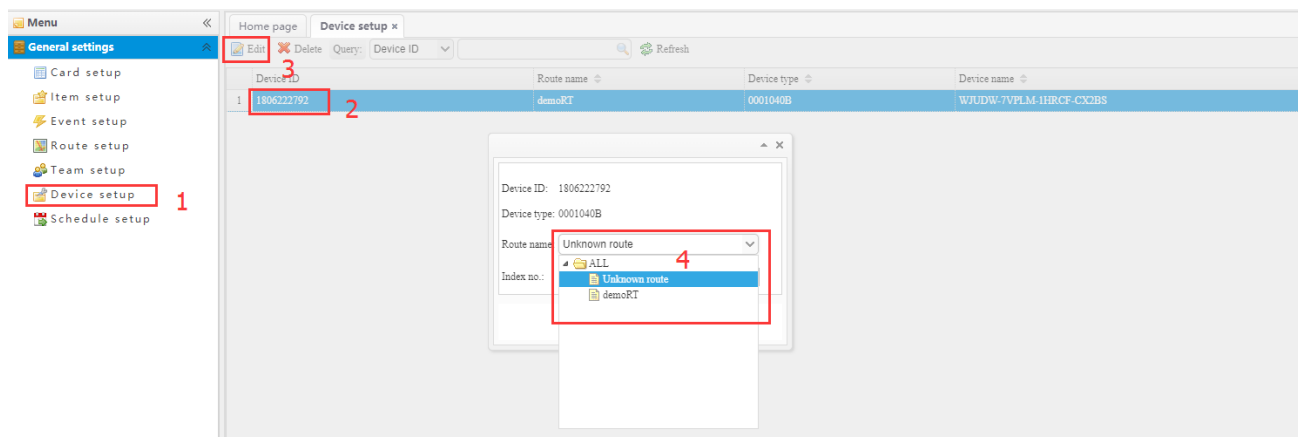




2. Add a route named as “Unknown route” and add your created unknown card (from above step) to this route



3. Go to device setup -> select the target device ID you want to change -> Click “edit” to change device to route “Unknown route”



#### 4. Go to communication page by click “start communication”

Start Communication

,software will automatically prompt “Route already changed, updating to device now ?” Click “yes” for updating, then device returned to default mode.

