# Web Server App User Manuel

Contents

1. Login

Open web browser, enter http://(server IP address)/control/index

P.S.: Make sure network hosts of both the gateway and server have same 3 octets.

In the example IP address 192.168.1.1, the network ID is the first 3 octets: 192.168.1.

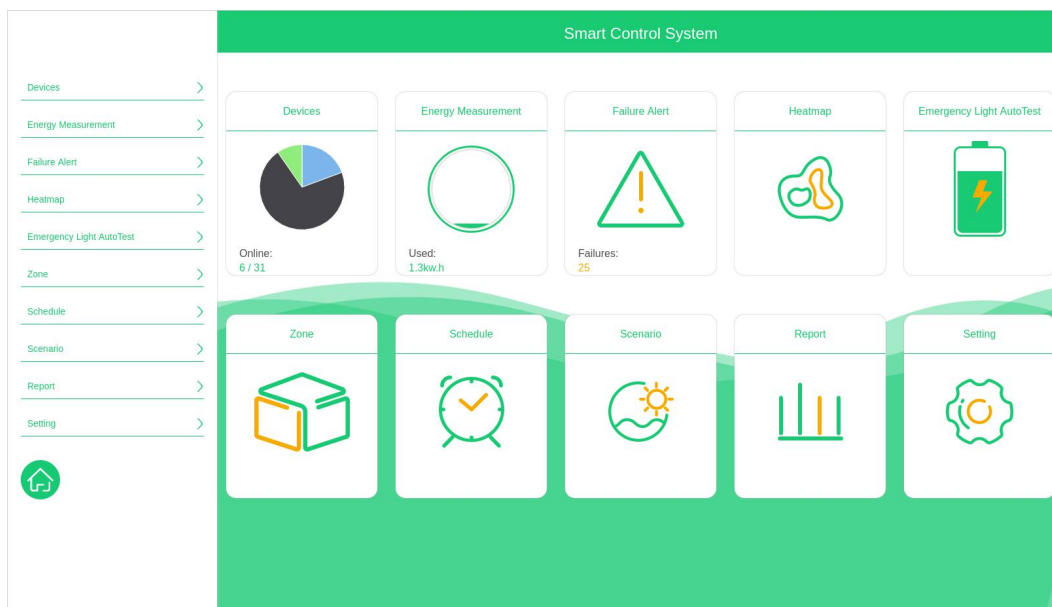Press the button in the middle of the gateway. Enter account and password (Pic 1).

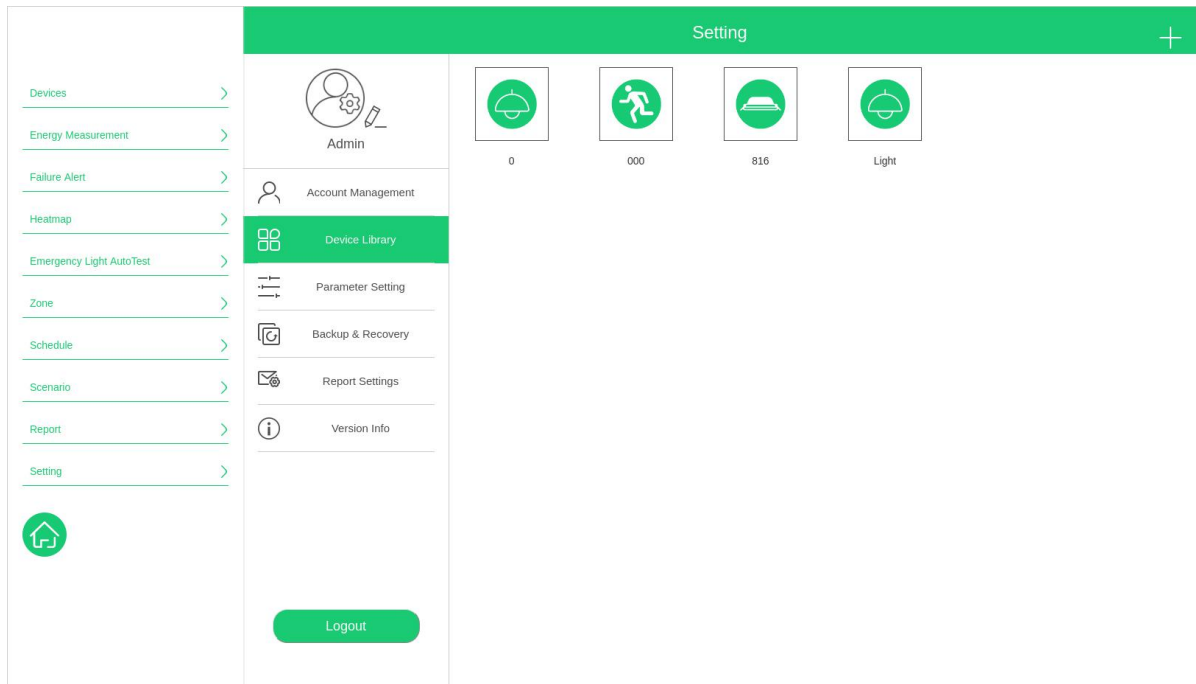P.S.: Default account: Admin   Default password: 00000000
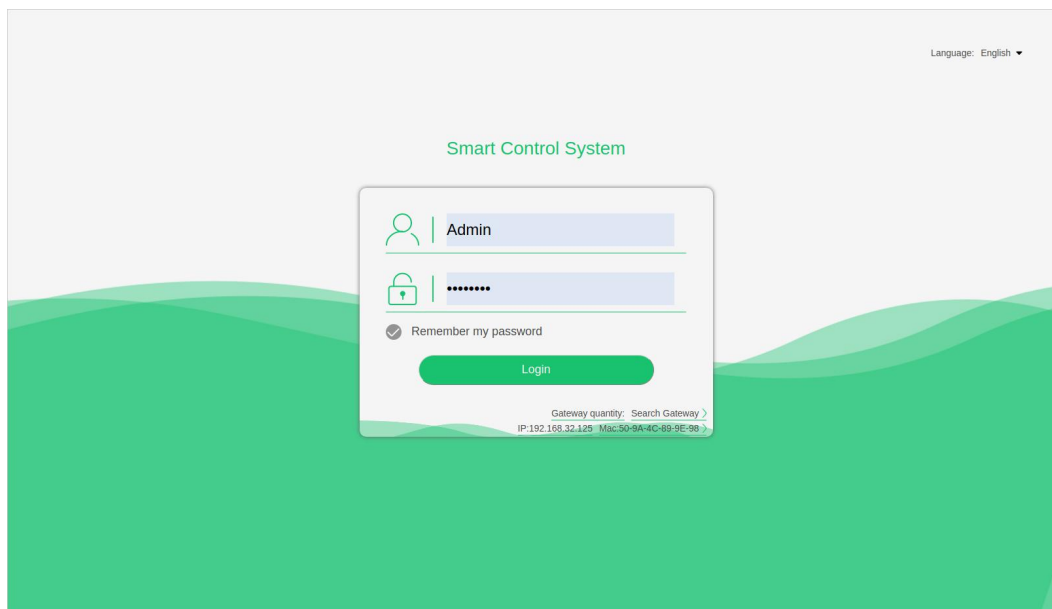
Pic 1

2. Add Library

Device library is to create icons for different types of luminaires for easy identification on map. Enter main page of the system (Pic 2). Click "Setting" to add device library (Pic 3).

Pic 2

Pic 3

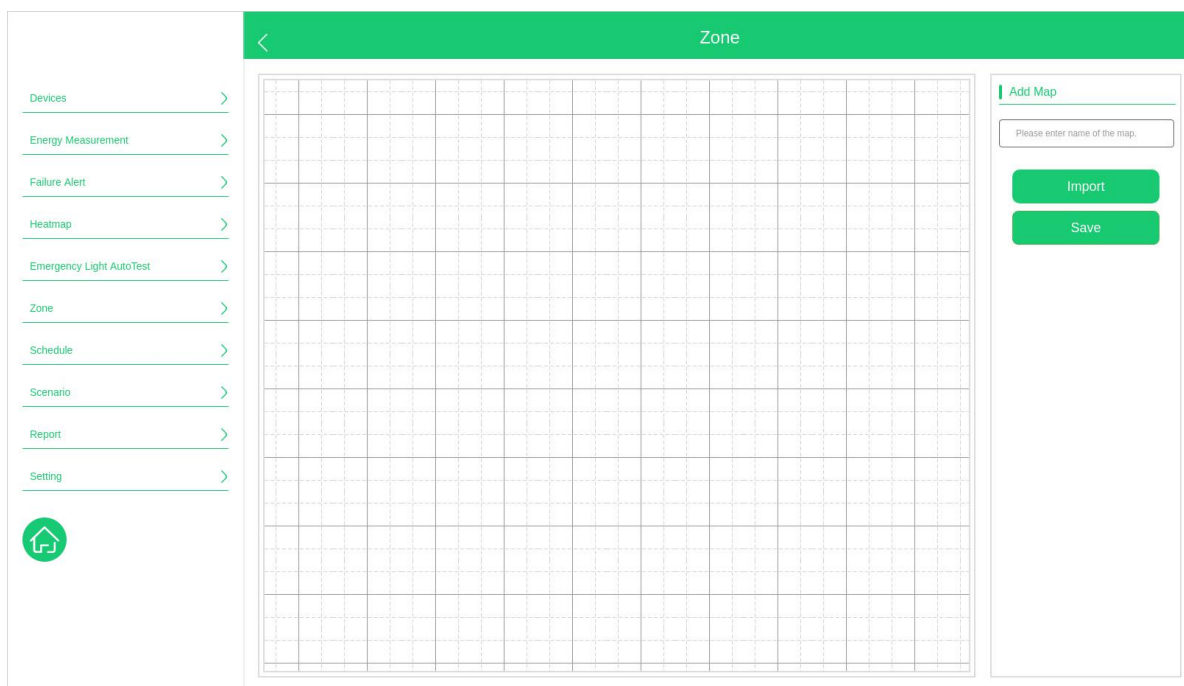Click "+" right up corner of Pic 3 to add device library.

Click "+" center of Pic 4 to

- select device icon
- enter device name and model number
- preset lamp life
- enter lamp power before retrofitting/ lamp full load power for getting comparison before and after the system is used
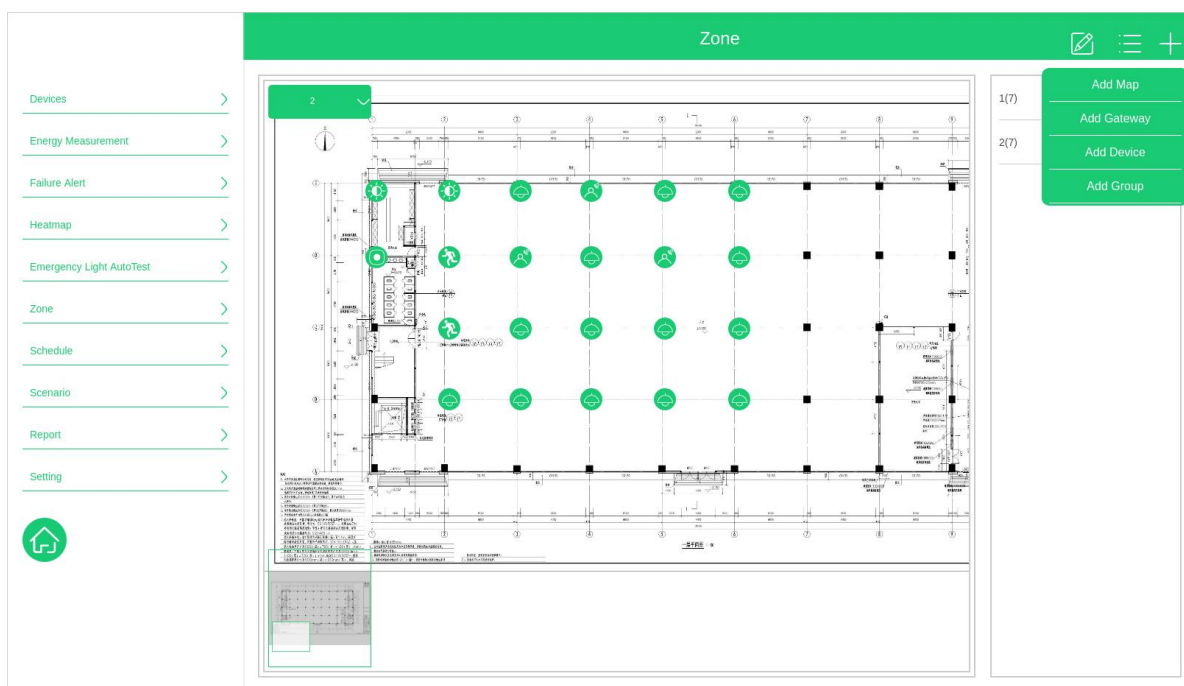- set discharging time for emergency lights

Pic 4

3. Add Map

Add Map is required for the first login (Pic 5). Enter map name and import map image. Click save. P.S.: If no map to import, the system will use a default grid map. Click "+" right up corner of Pic 6 to choose Add Map, if the system is already added with some maps.


Pic 5

Pic 6

4. Add Gateway

Click "+" right up corner of Pic 6 to select "Add Gateway" (Pic 7). Click Search button on Pic 7. The system will search all gateways on line and list them on Device Found Area. Select the gateway. Enter gateway name. Click Test to check its location. Drag the gateway to the right location. Click Save. Gateway adding is done. Click Gateway to edit (Pic 8).

Click "Import Existing Devices" to import devices added from the gateway to server app. Click "Export Existing Devices" to export devices added from web server app to gateway.
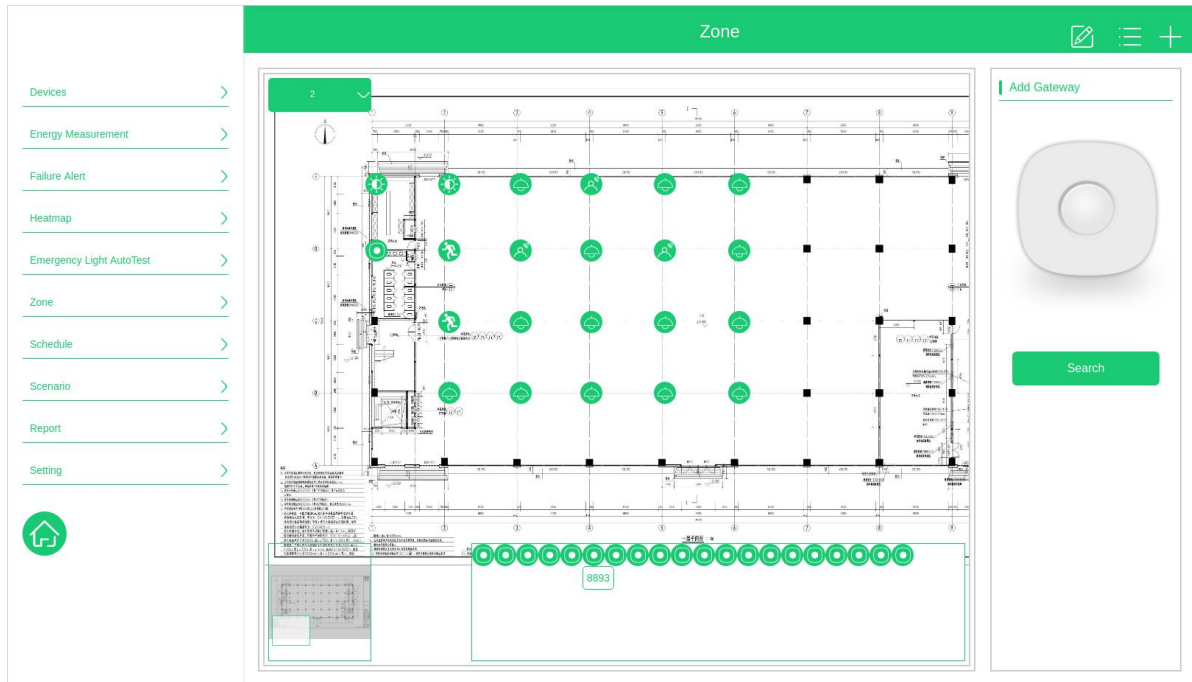

Pic 7
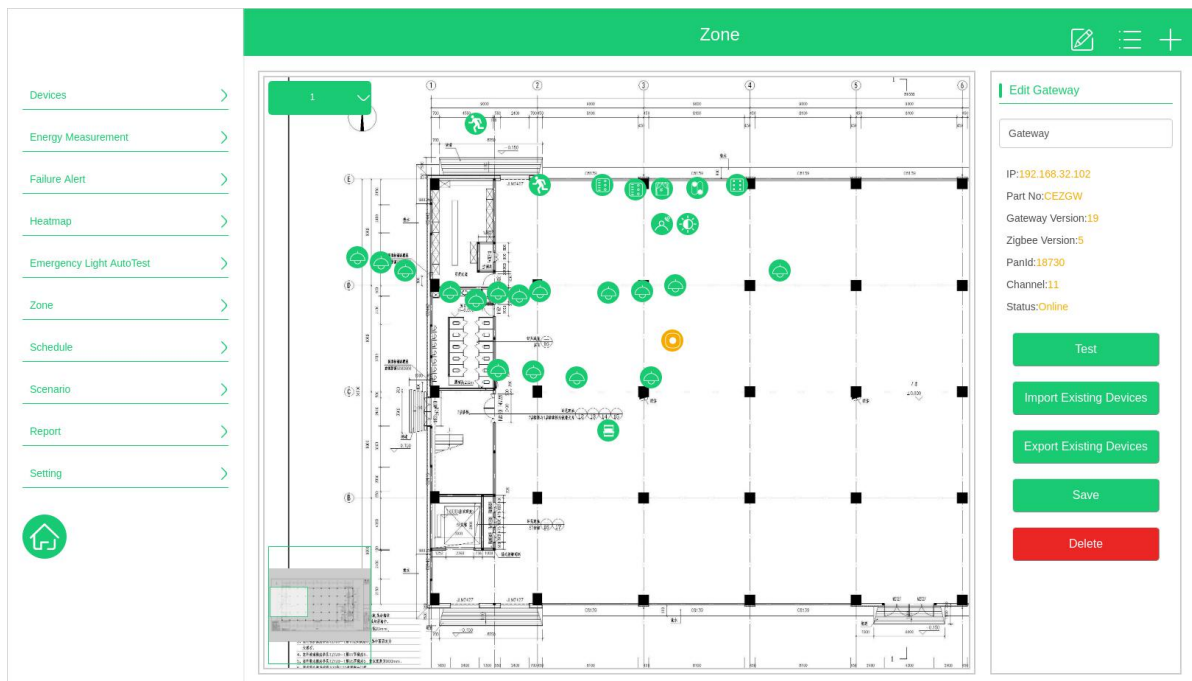
Pic 8

5. Add Device

Two ways to add device:

1. By importing existing devices from gateway. Please refer to "Add gateway" (Pic 8).

2. By searching devices by server app. Click "+" right up corner of Pic 6 to select "Add Device" (Pic 9). Choose the gateway and power up all devices, to add within search limits 30 minutes, click Search button and the system will start to search devices and list them on Device Found Area (Pic 10). P.S.: There's a 30 minute time limit for search after devices are powered up, otherwise power off and power up again to start a new 30 minute time limit. Click the device icon to edit and enter Device Name, choose Device Type, click Test to check its location. Drag the device to the right location. Click Save. Device adding is done.
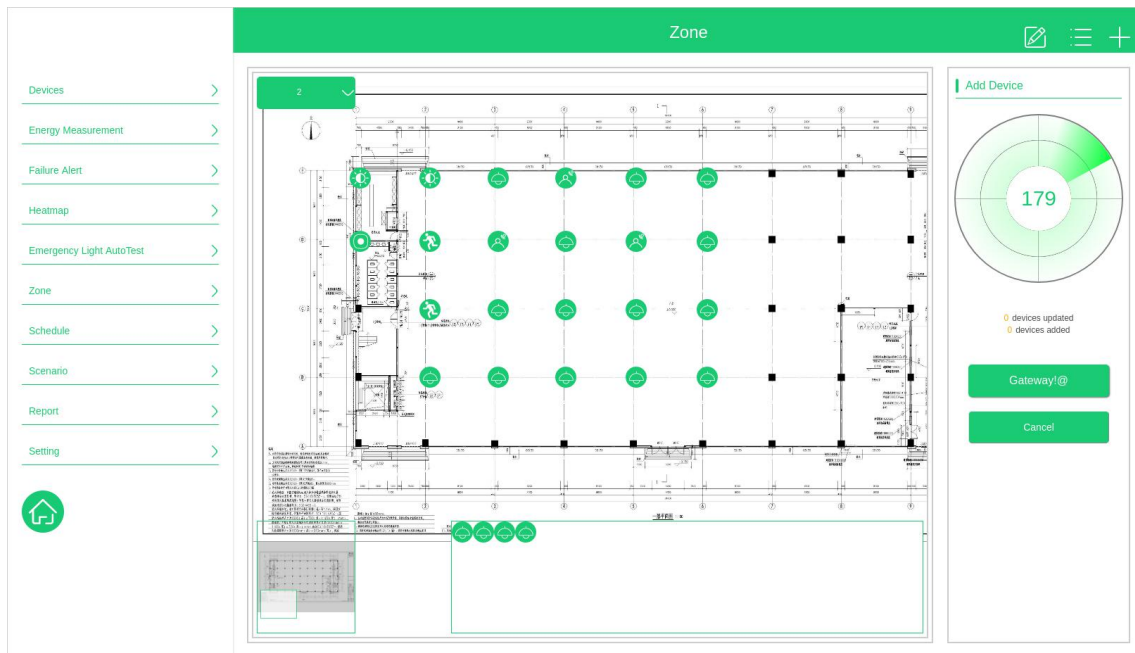

Pic 9
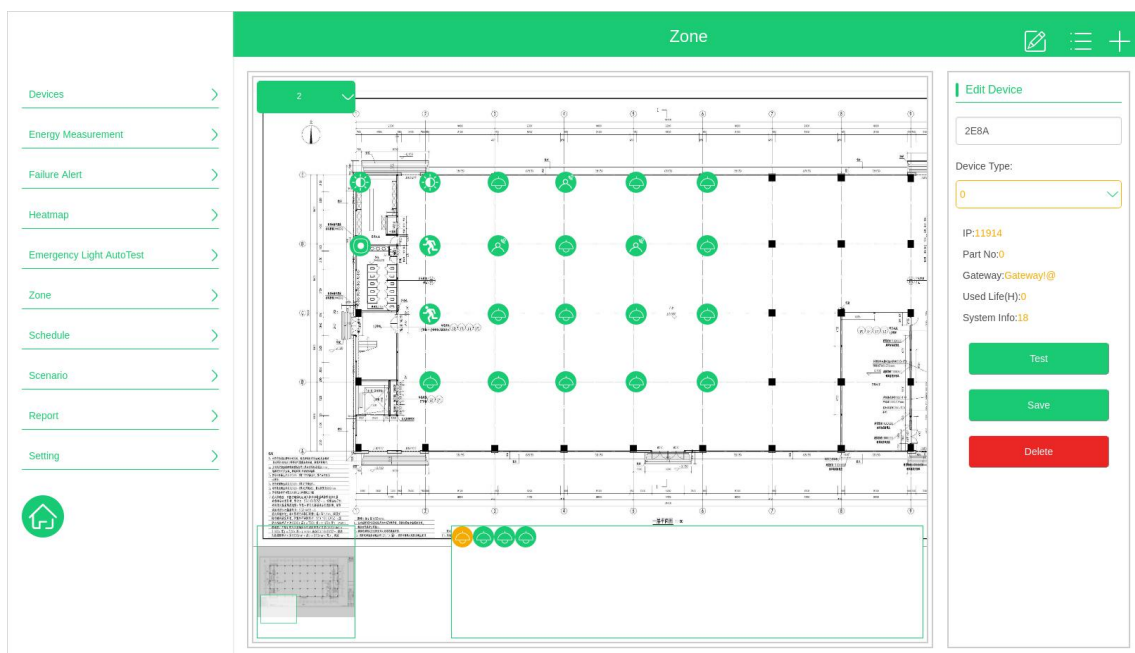
Pic 10

6. Add Group

Click "+" right up corner of Pic 6 to select "Add Group" (Pic 11). Enter group name. Click "Select Color" to define a color for the group, choose "Group Type" to define device type like dimmable/ CCT, click "Gateway" to select gateway for this group. Click "Select Device" to choose devices for the group (Pic 12). Click Save. Group adding is done. Please finish adding all groups to the gateway before switch on the senors.
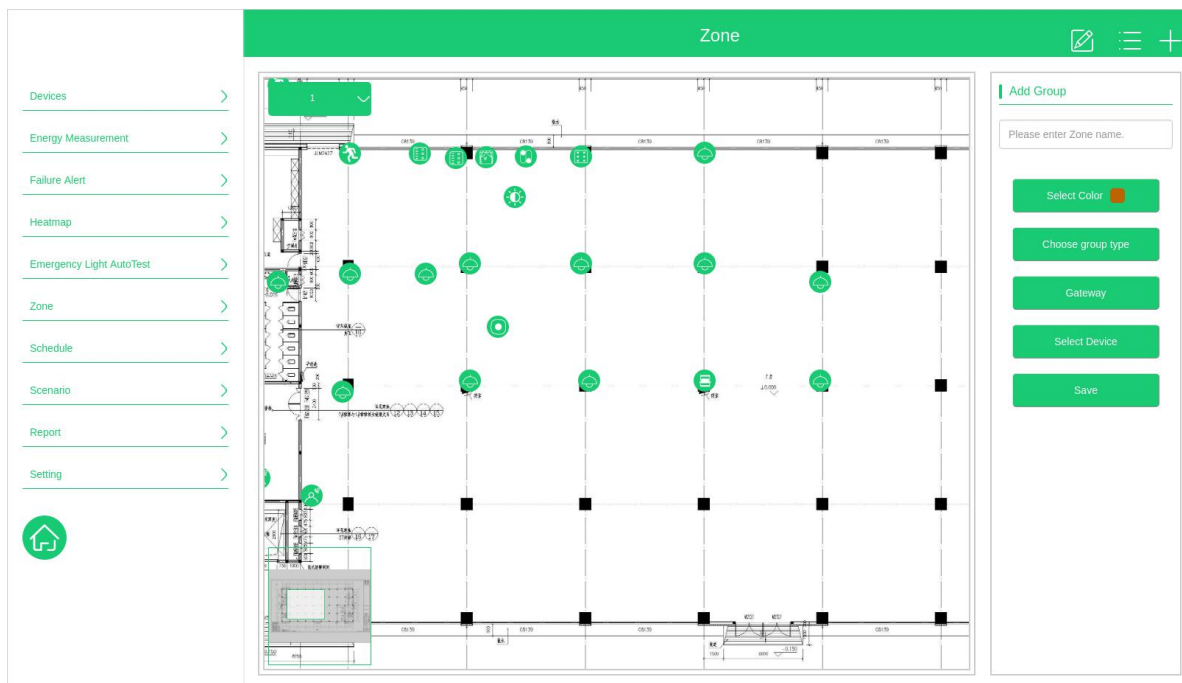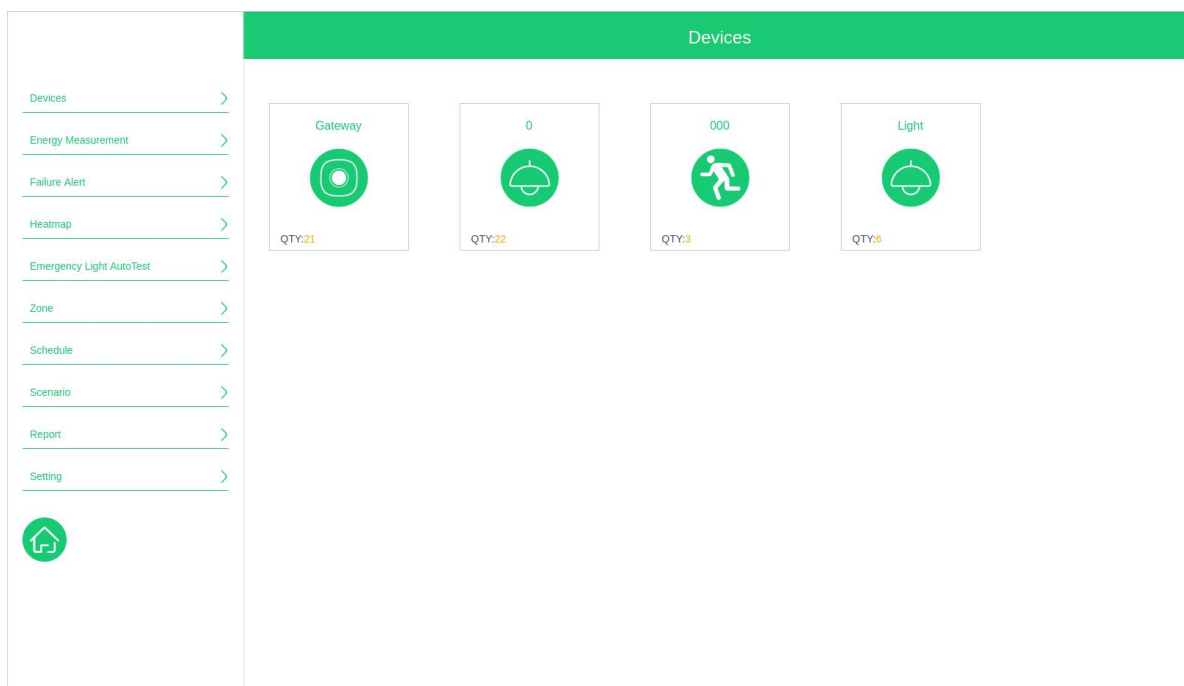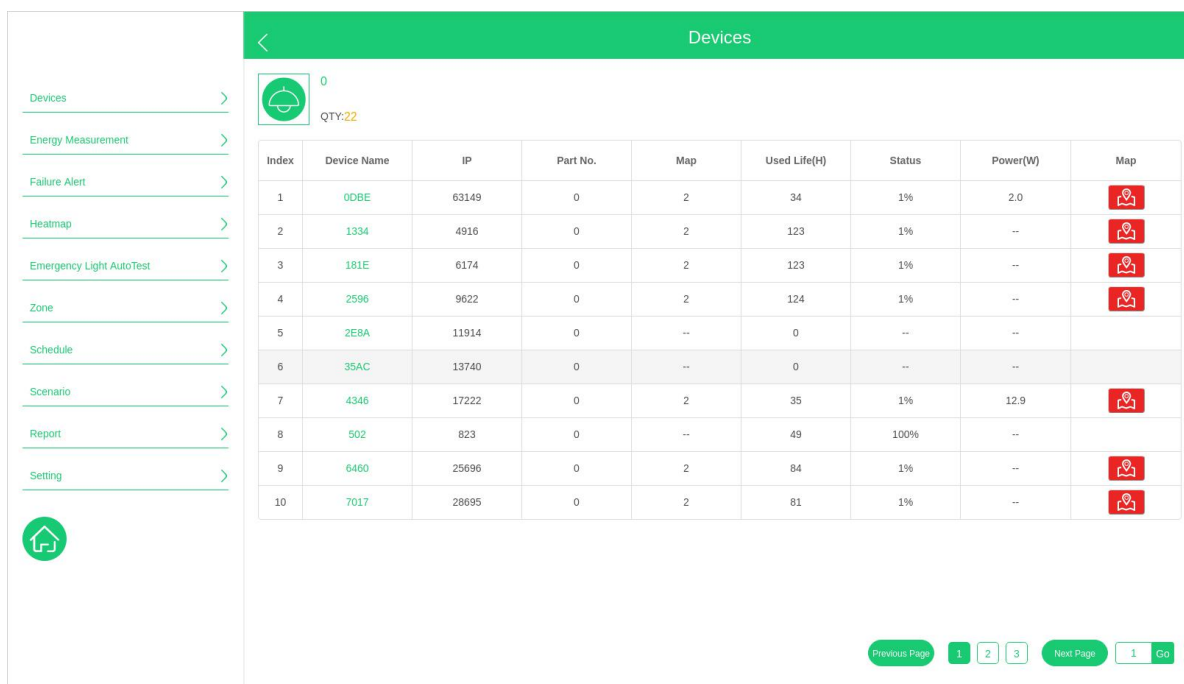

Pic 11
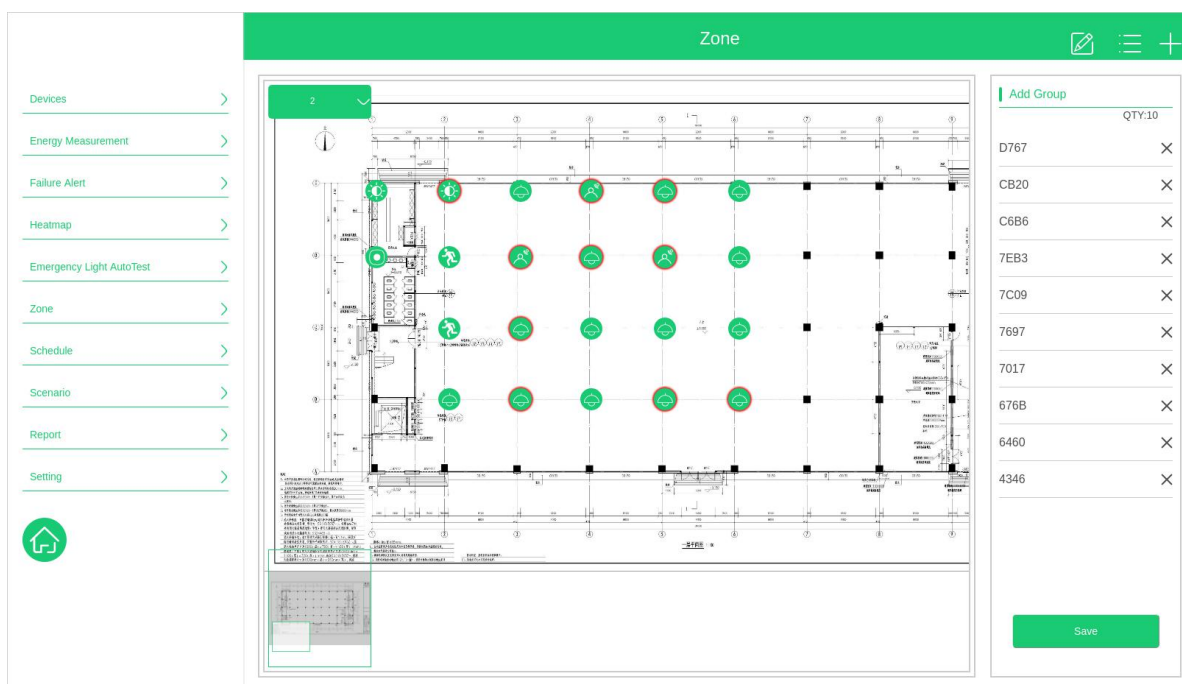
Pic 12

7. Device

Click "Devices" on Pic 2 to enter into Devices interface (Pic 13). Device quantity in different types will be displayed here. Click a device type, ex. Light, to enter into device list interface (Pic 14). There are device details including status changes, usage time, and location on map of a single device.

Pic 13

Pic 14

8. Energy Measurement

Click "Energy Measurement" on Pic 2 to enter into Energy Measurement interface (Pic 15). To check energy data in column/ pie chart, energy saved/ used in exact kw.h and electric charge if "Electric Charge Setting" is set in "Parameter Setting".

Click icon right up corner of Pic 15, to show energy data of multiple or individual device over a certain period of time. (Pic 16)

Pic 15

Pic 16

9.   Failure Alert

Click "Failure Alert" on Pic 2 to enter into Failure Alert interface (Pic 17). If you want to hide offline alert, check "Hide Offline Alert" in "Parameters Setting" (Pic 34). To check failure details, click a specific device from Device Name column (Pic 18).


Pic 17

Pic 18

10. Heatmap

Motion sensors with heatmap function help users to enhance store performance or deploy a new warehouse layout, by knowing activation time of every sensor placed. Preset "Heatmap Animation Interval" and "Heatmap Color and Activation Time" in "Parameter Setting" (Pic 34). After the motion sensors running for a while, click "Heatmap" on Pic 2 to enter Heatmap interface (Pic 19). Select Date Range and Time Range, click "Statistics" to get total sensor static activating times, click "Animation" to display dynamically according to preset interval. Click sensor to edit or get more information like activation times, IP, etc. (Pic 20)
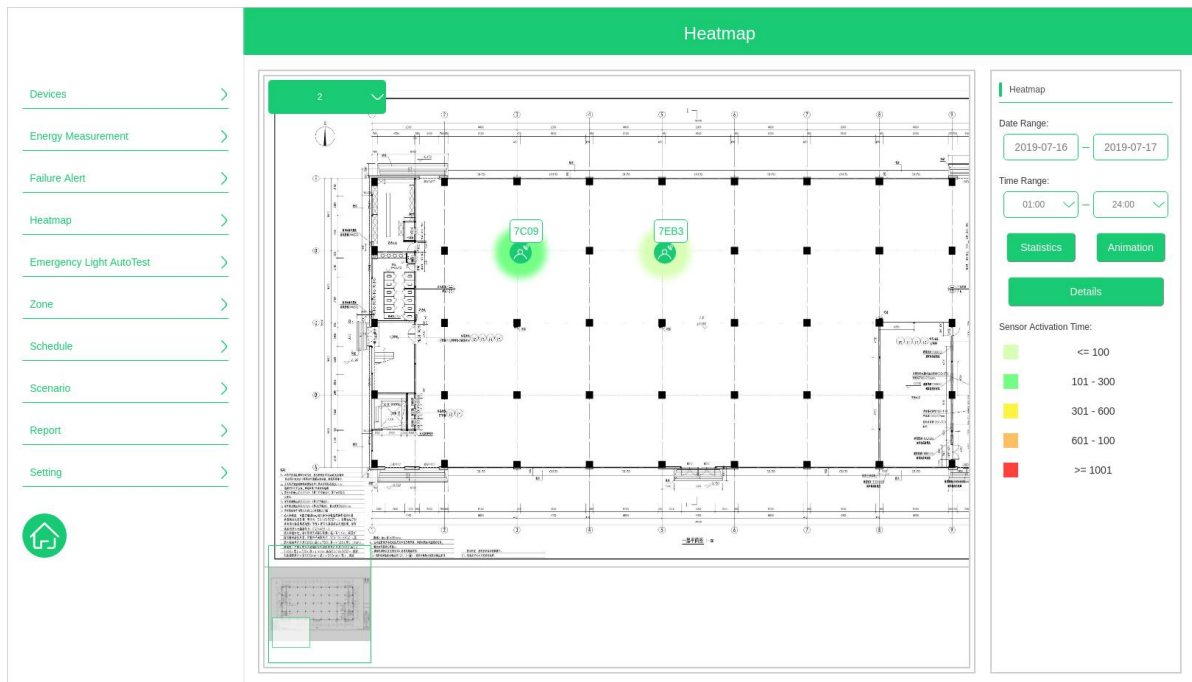
Pic 19
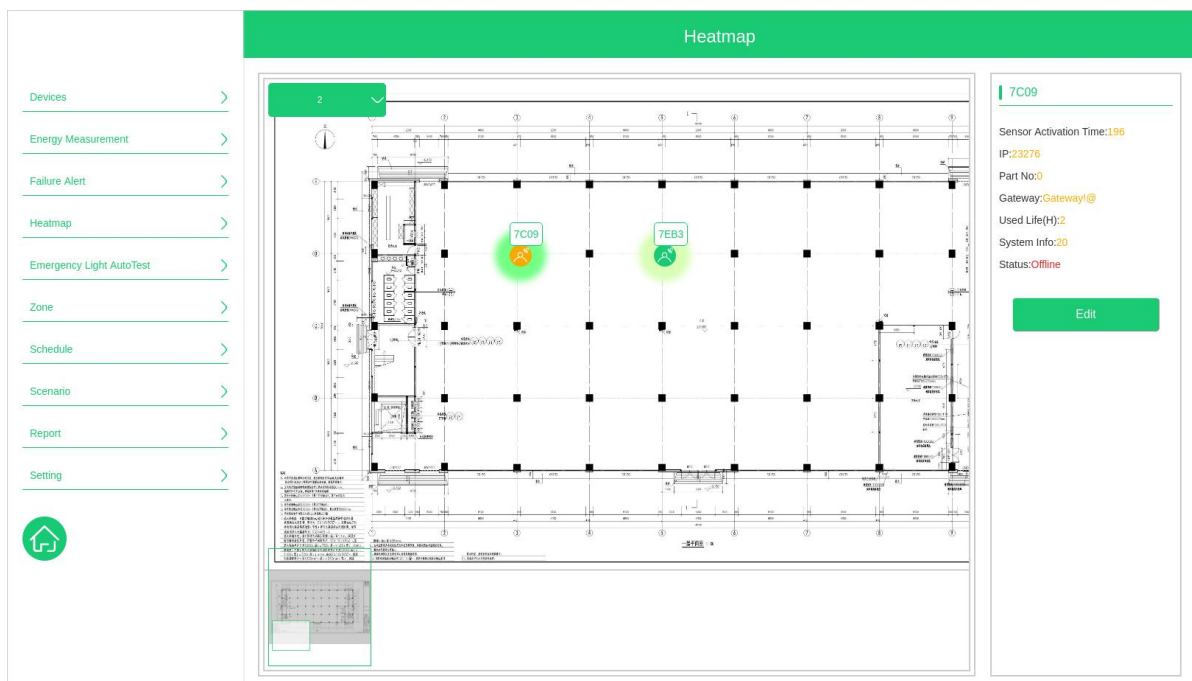
Pic 20

11. Emergency Light AutoTest

Click "Emergency Light AutoTest" on Pic 2 to enter into Emergency Light AutoTest interface (Pic 21). Once the autotest for emergency lights are preset from right up "+"(Pic 22), enter device name, set date/ time, select "Function Test" or "Emergency Light Auto Test", set xx days as detection frequency, select devices and save. The tests will run automatically according to the date/ time set.

P.S.: "Emergency Light Duration Test Time" and "Emergency Function Test Time" are preset in "Parameter Setting" (Pic 34).
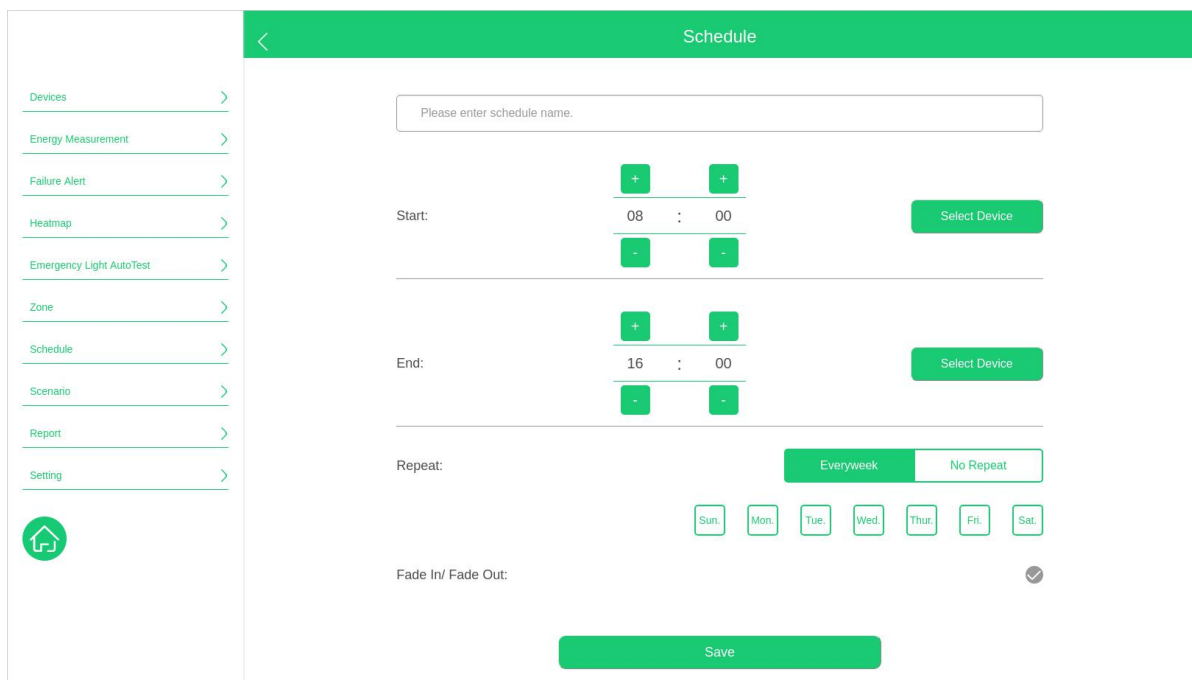

Pic 21

Pic 22

12. Schedule

Click "Schedule" on Pic 2 to enter into Schedule interface (Pic 23). Click right up "+" to create schedules. Name schedules and set up parameters on interface of Pic 24.
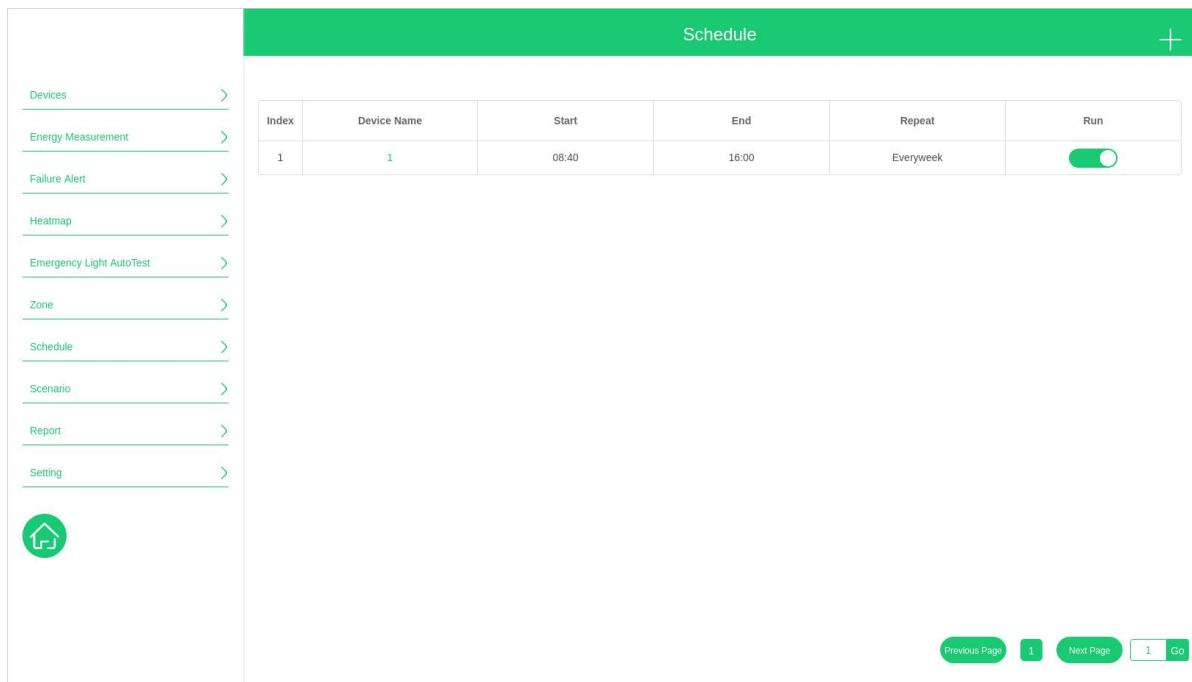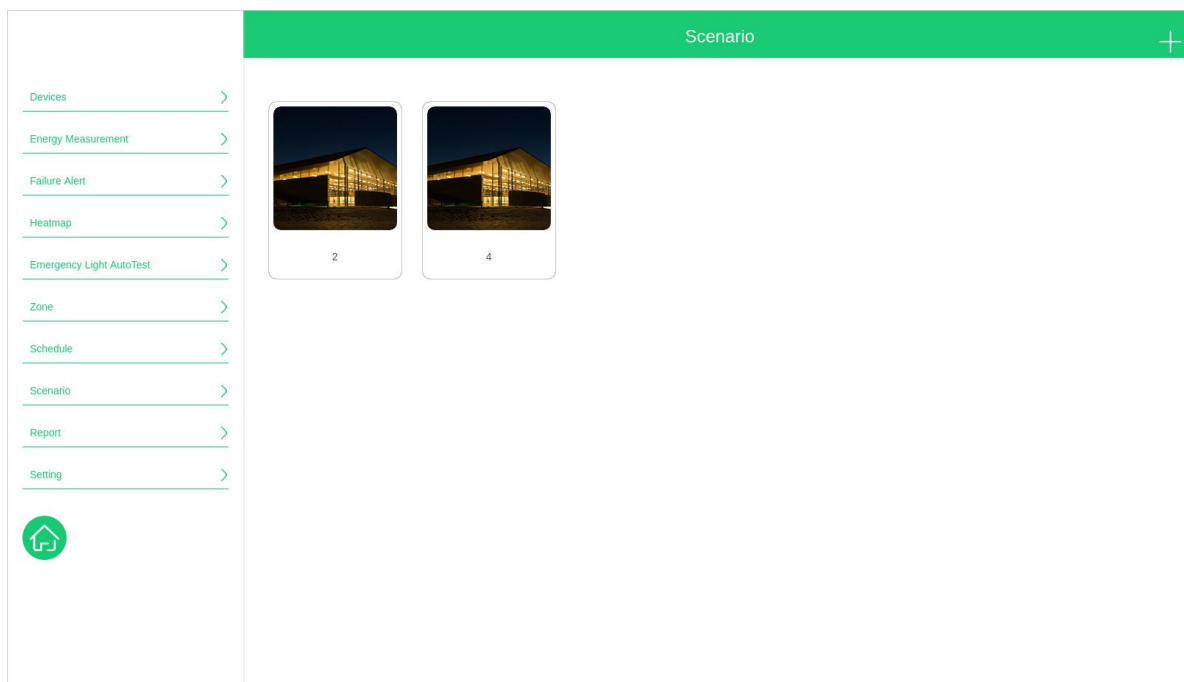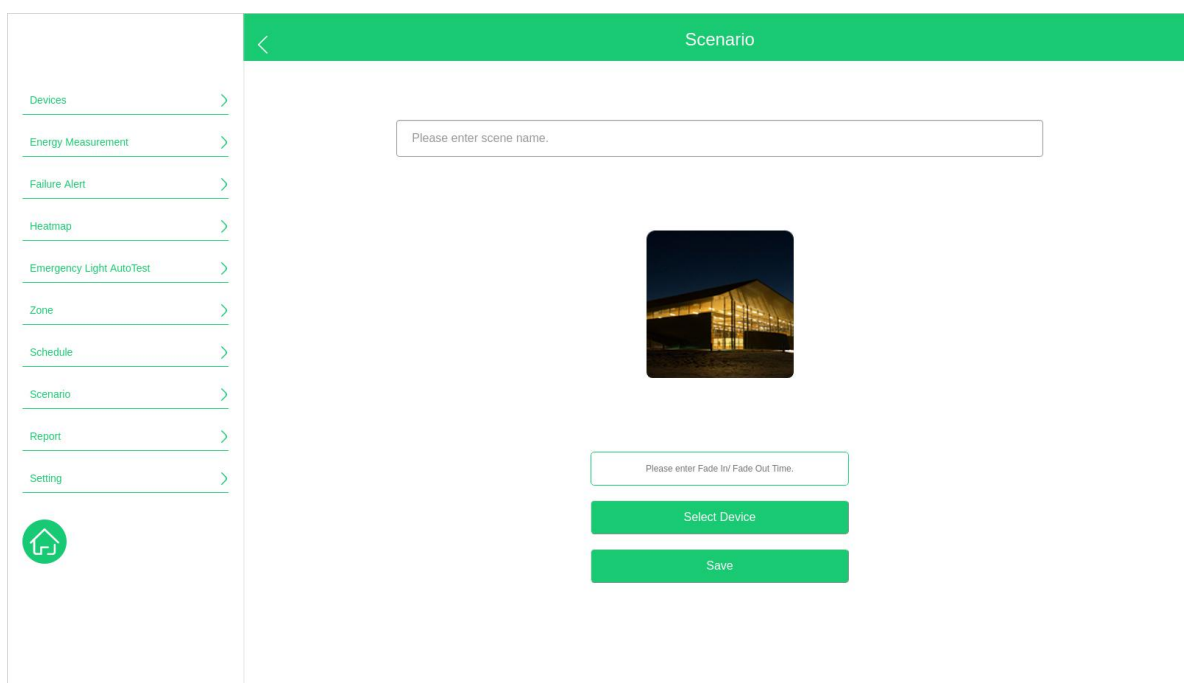

Pic 23

Pic 24

13. Scenario

Click "Scenario" on Pic 2 to enter into Scenario interface (Pic 25). Click right up "+" to create scenarios. Name scenarios and set up parameters on interface of Pic 26.
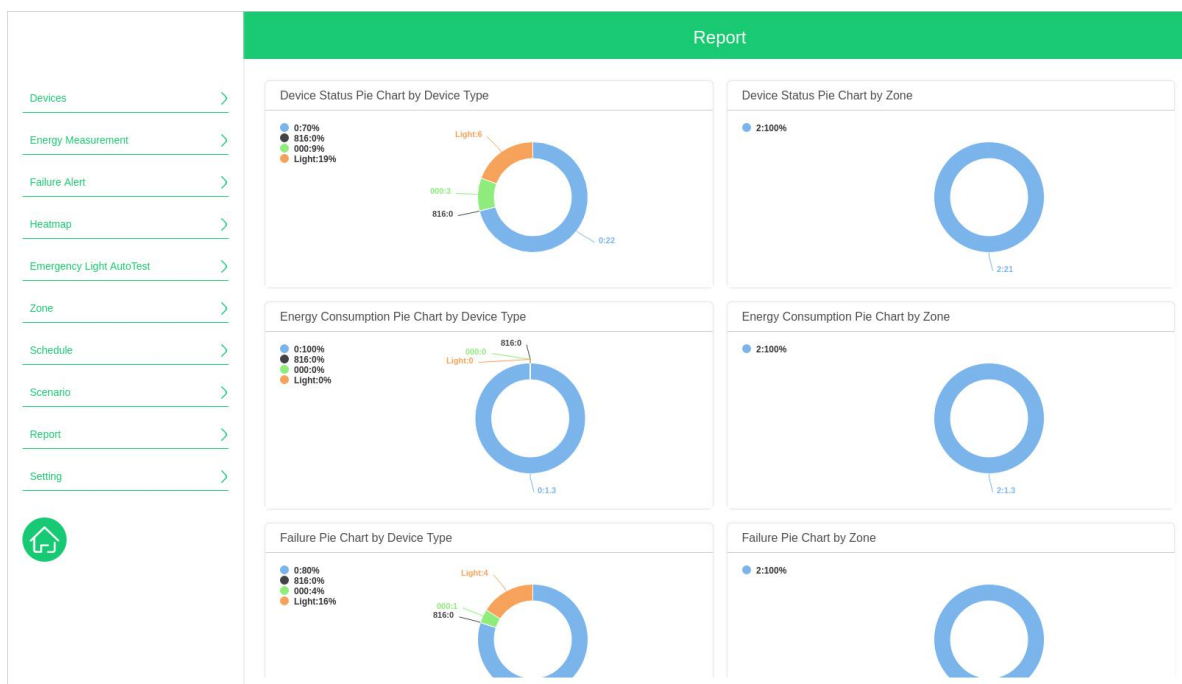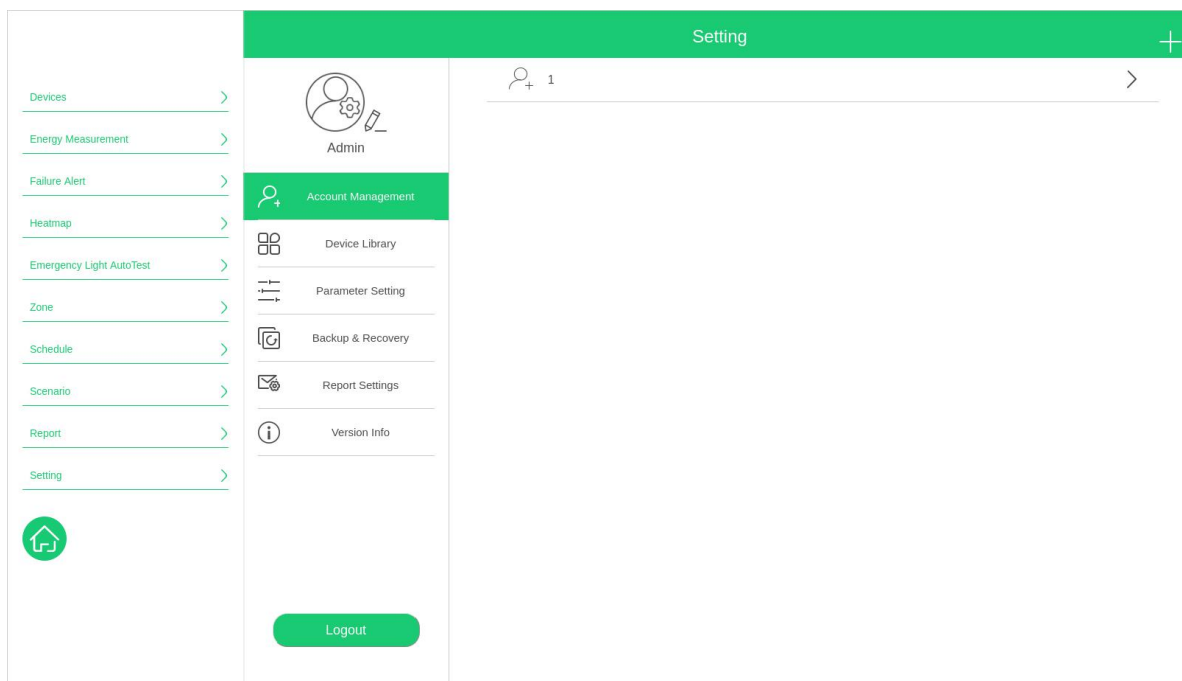

Pic 25

Pic 26

14. Report

Click "Report" on Pic 2 to enter into Report interface (Pic 27). Click each section to get more details.

Pic 27

15. Account Management

Click "Setting" on Pic 2 to enter into Setting interface (Pic 28).   To change Admin login password, click " ✐ " button next to Admin logo (Pic 29). To create sub accounts for different permission controls, click "+" right up on Pic 30.
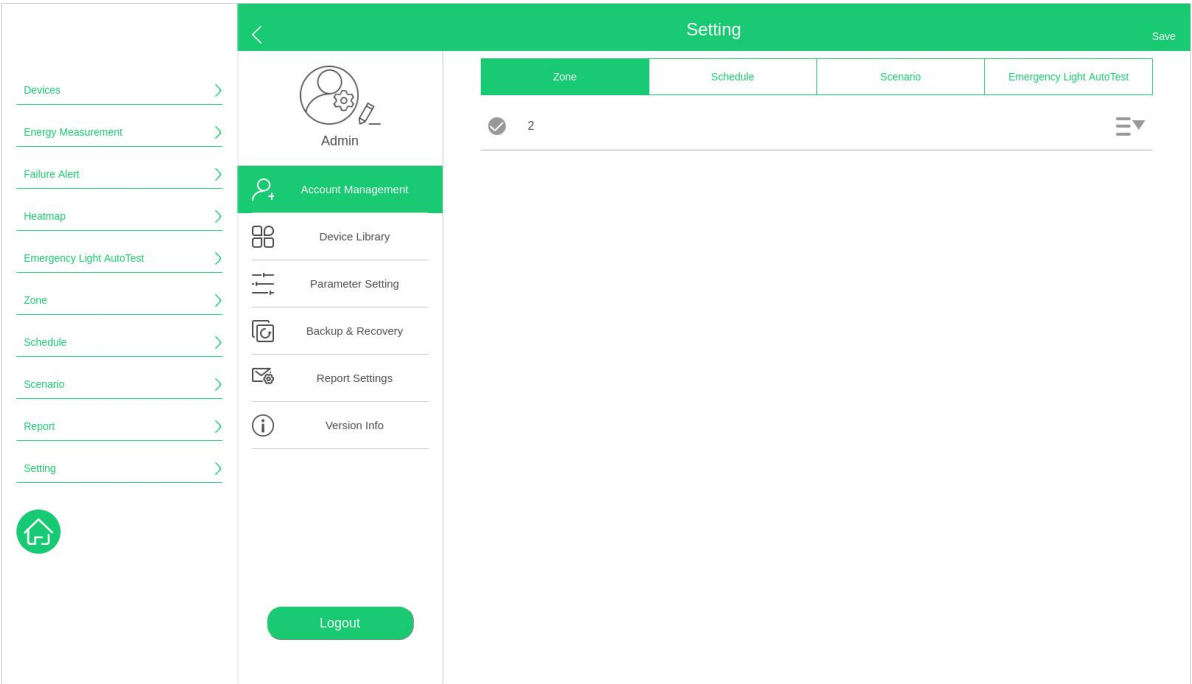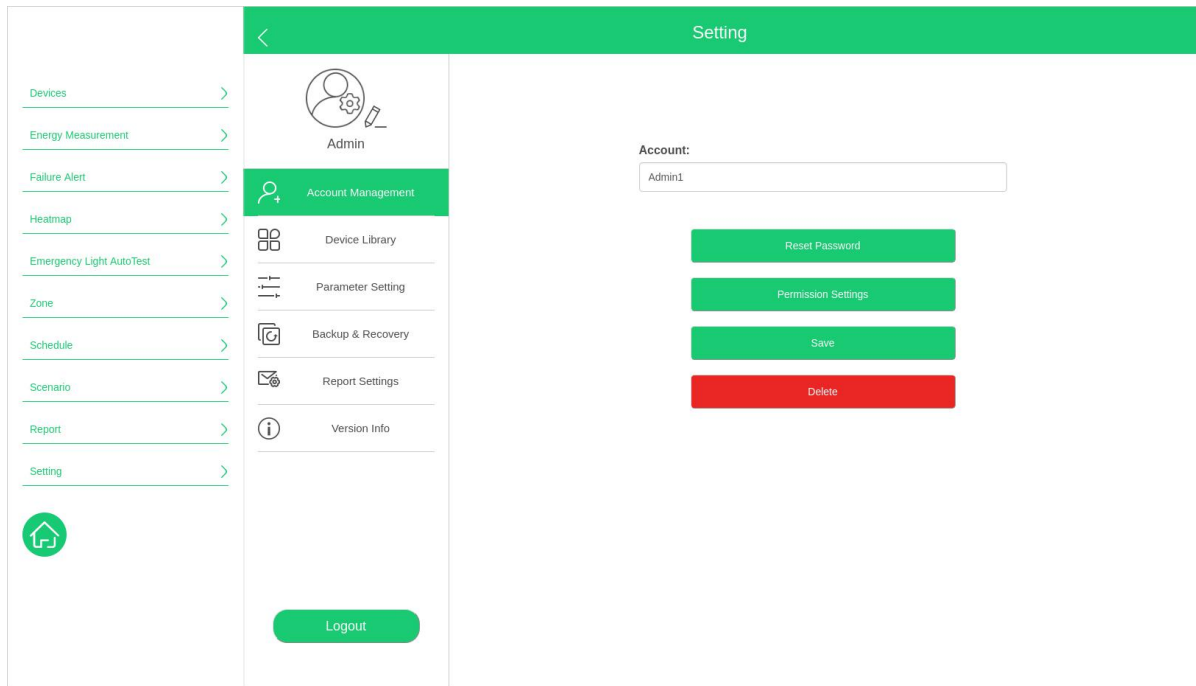

Pic 28

Pic 29

Pic 30

On Pic 30, enter subaccount name, set password, click "Allocate Sub-Account Function" to allocate device from "Permission Settings" (Pic 32). To edit or delete sub accounts, click the sub account accordingly (Pic 33).

Setting

Devices	⟩
Energy Measurement	⟩
Failure Alert	⟩
Heatmap	⟩
Emergency Light AutoTest	⟩
Zone	⟩
Schedule	⟩
Scenario	⟩
Report	⟩
Setting	⟩

Admin

- Account Management
- Device Library
- Parameter Setting
- Backup & Recovery
- Report Settings
- Version Info

Logout

Allocate Sub-Account Functions ⟩

Save

Pic 31

Setting

Devices	⟩
Energy Measurement	⟩
Failure Alert	⟩
Heatmap	⟩
Emergency Light AutoTest	⟩
Zone	⟩
Schedule	⟩
Scenario	⟩
Report	⟩
Setting	⟩

Admin

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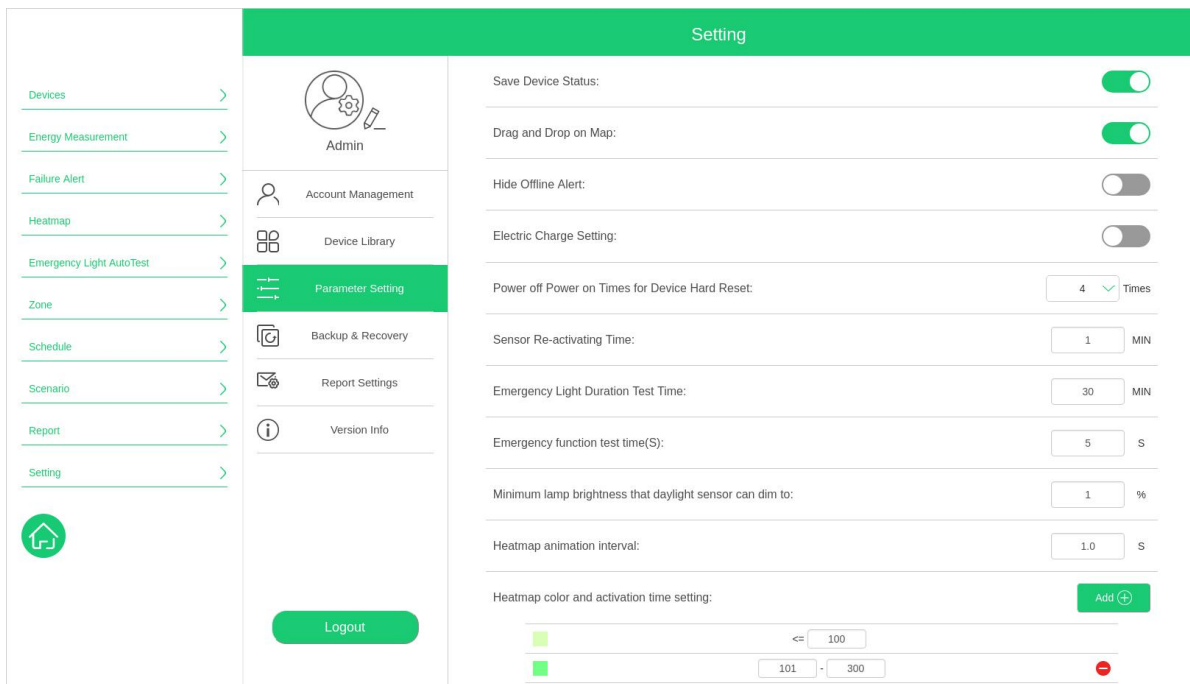| Zone | Schedule | Scenario | Emergency Light AutoTest |

✓ 2

Save

Pic 32

Pic 33

16. Parameter Setting

Based on a specific application, there are more settings from "Parameter Setting" on left menu of Pic 28 that users can check and select. Such as, Save Device Status, Drag and Drop on Map, and Sensor Re-activating Time (Pic 34).
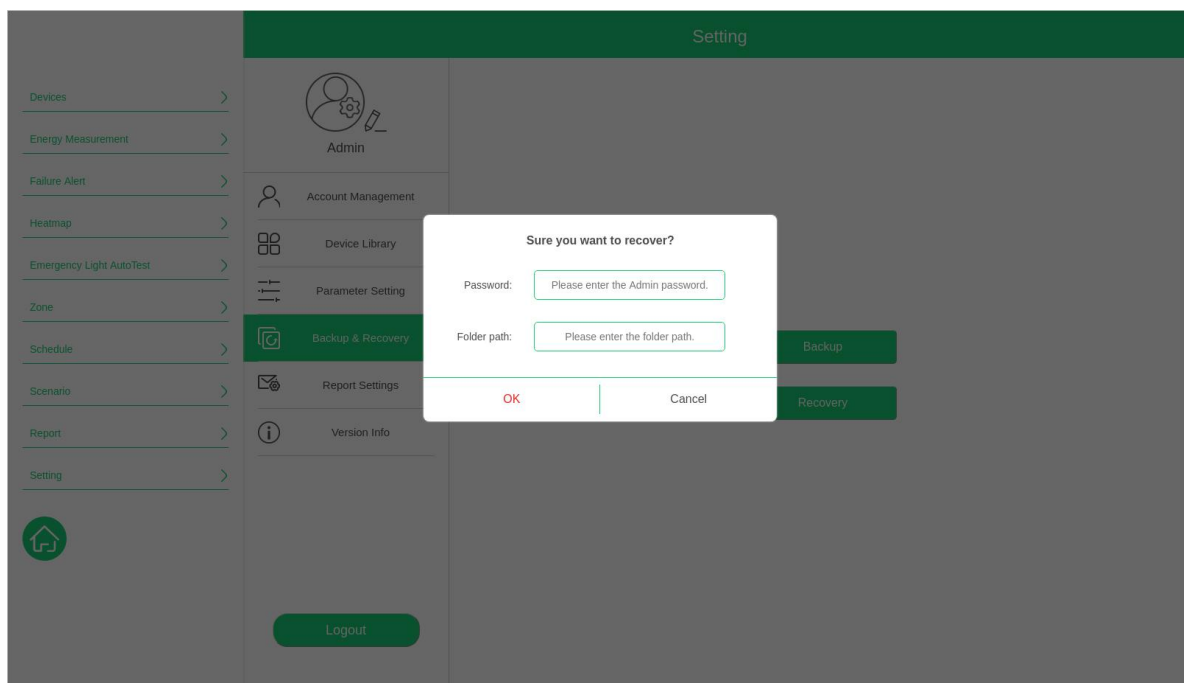

Pic 34

17. Backup & Recovery

"Backup & Recovery" from left menu of Pic 28 helps to backup the database to local folder and recover the database from local folder to server app, when the server database is damaged or when the server app is re-installed (Pic 35, Pic 36).
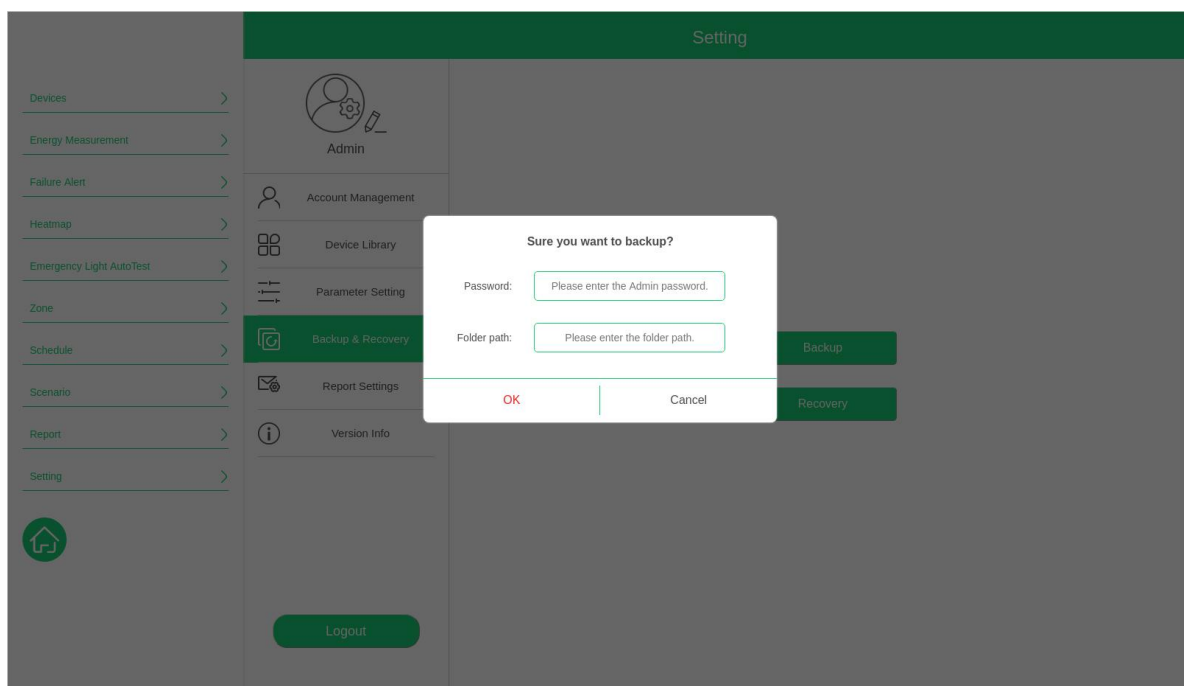
Pic 35

Pic 36

18. Report Setting

Click "Report Setting" of Pic 37 to set report sender, recipient, frequency and content. Recipient will be receiving emails of reports accordingly.

Pic 37