

# Axiom Hub

## Version: V1.0.3

### Release Note (**Internal**)

#### (2019-04-12)

## 1. Firmware Basic Information

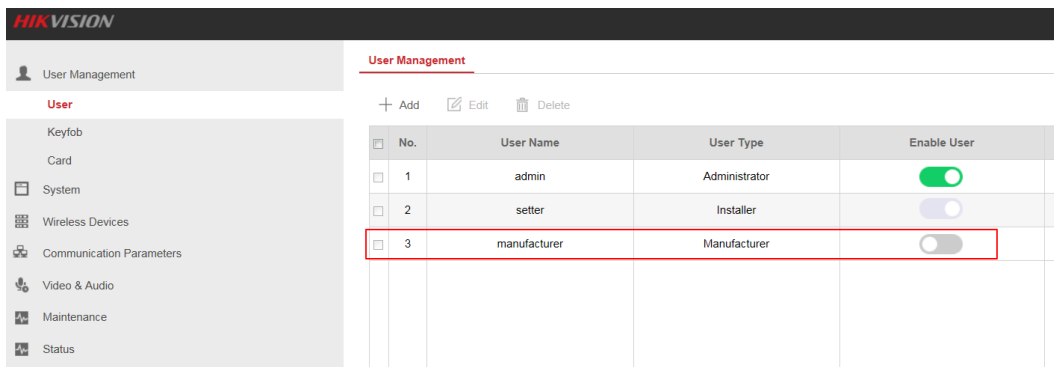
<b>Firmware Basic Information</b>	Firmware Version	V1.0.3_build190328
	SDK Version	V5.3.6.26_build 20190130
	iVMS-4200	V2.7.3.14_build 20190312
	Web Version	V4.25.1 build 190327

## 2. V1.0.3 Upgrade Note

### 2.1 Added Function:

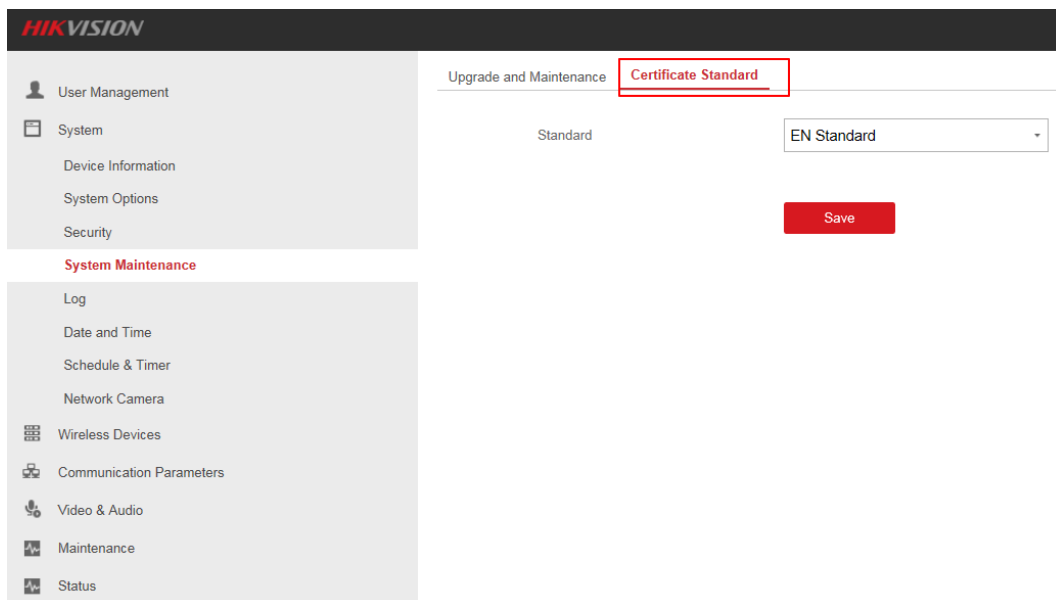
#### 1) Add Manufacturer user :

In EN Version, Manufacturer user function is upgrade firmware.



## 2) Add user management Permission :

In order to separate the EN standard area and other areas, the customer can choose EN Standard or General standard, the following choose interface need login Setter user, the difference user management permissions of EN standard and General standard versions can see following two tables:



Function	EN Standard management Permission				
	Grade 1	Grade 2		Grade 3	Grade 4
	Everyone	Operator	Administrator	Setter	Manufacturer
Arm	×	Configure	√	√	×
Disarm	×	Configure	√	√	×
Clear Arm	×	Configure	√	√	×
Step Test	×	Configure	√	√	×
Log	×	Configure	√	√	×
Bypass/ Silent Alarm /Force Arming	×	Configure	√	√	×
Add/Change Own Code	×	Configure	√	√	√
Add/Change Grade 2 User and Code	×	Configure	√	√	×
Add/Change Configuration	×	×	×	√	×

Change/Upgrade Firmware	×	×	×	×	√
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Function	General Standard management Permission				
	Grade 1	Grade 2		Grade 3	Grade 4
	Everyone	Operator	Administrator	Setter	Manufacturer
Arm	×	Configure	√	√	×
Disarm	×	Configure	√	√	×
Clear Arm	×	Configure	√	√	×
Step Test	×	Configure	√	√	×
Log	×	Configure	√	√	×
Bypass/ Silent Alarm /Force Arming	×	Configure	√	√	×
Add/Change Own Code	×	Configure	√	√	√
Add/Change Grade 2 User and Code	×	Configure	√	√	×
Add/Change Configuration	×	×	√	√	×
Change/Upgrade Firmware	×	×	√	√	√

### 3) Add Arming Process Options :

Enable Arming button is enable switch, EN Standard Version default enable, General Standard Version default disable.

#### **Arming Indicator Keeps Light is arming light switch :**

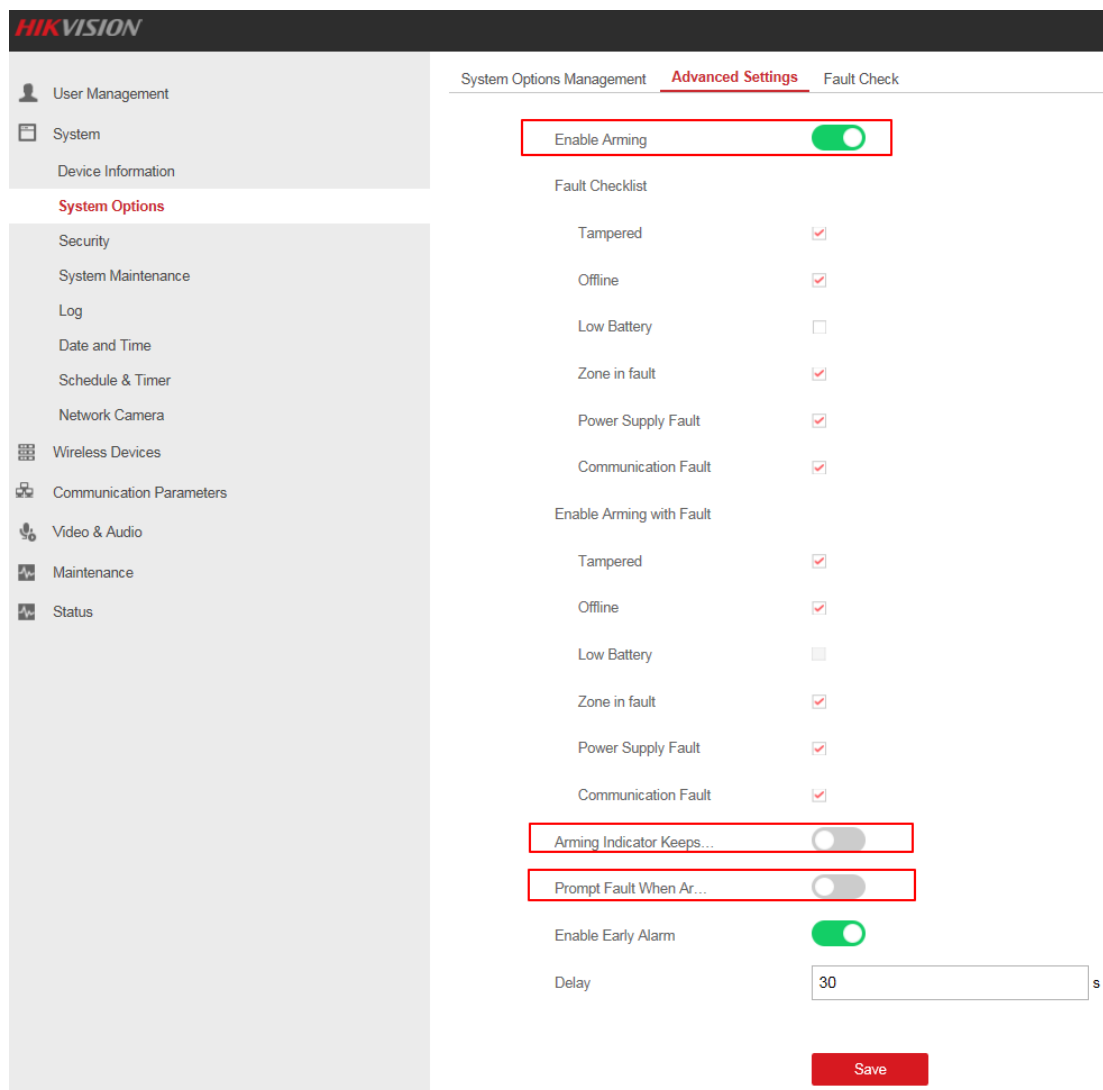
When Enabled, the Arm light will hold on blue when system armed, and light will disappear when system disarm.

When Disabled, the Arm light will hold on blue 5 seconds and then disappear when system armed, and blue light will flash 5 seconds when system disarmed.

#### **Prompt Fault When Arming is system fault indicator switch :**

When Enabled, the Fault light will hold on red, you can see light and hear voice when system fault appear.

When Disabled, the Fault light will hide when system armed, light and voice will not prompt when system fault appear.



**The Hub Arming Process:**

Step 1: Prepare process --- During this process, device will prepare for arming, wake up detectors, after all detector wake up, and then next step.

Step 2: Fault Detection process --- During this process, device will detect all fault of itself and detectors.

Step 3: Confirm the failure, arming again.

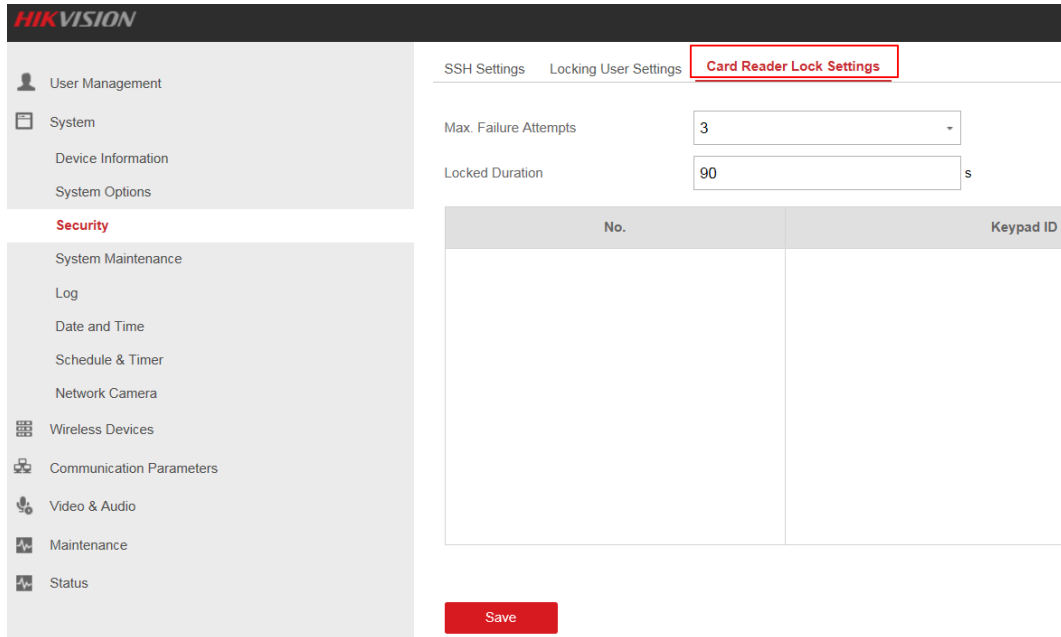
Step 4: Exit Process --- It is used for exiting, during this process, trigger delayed zone, system will not Alarm. If trigger other type zone, or new system fault, system will stop arming process, arm failed.

**Early Alarm:**

When system in arm status, **delay zone triggered, then Instant zone or Perimeter zone triggered**, system will alarm after delay time & Entry Delay time all finish.

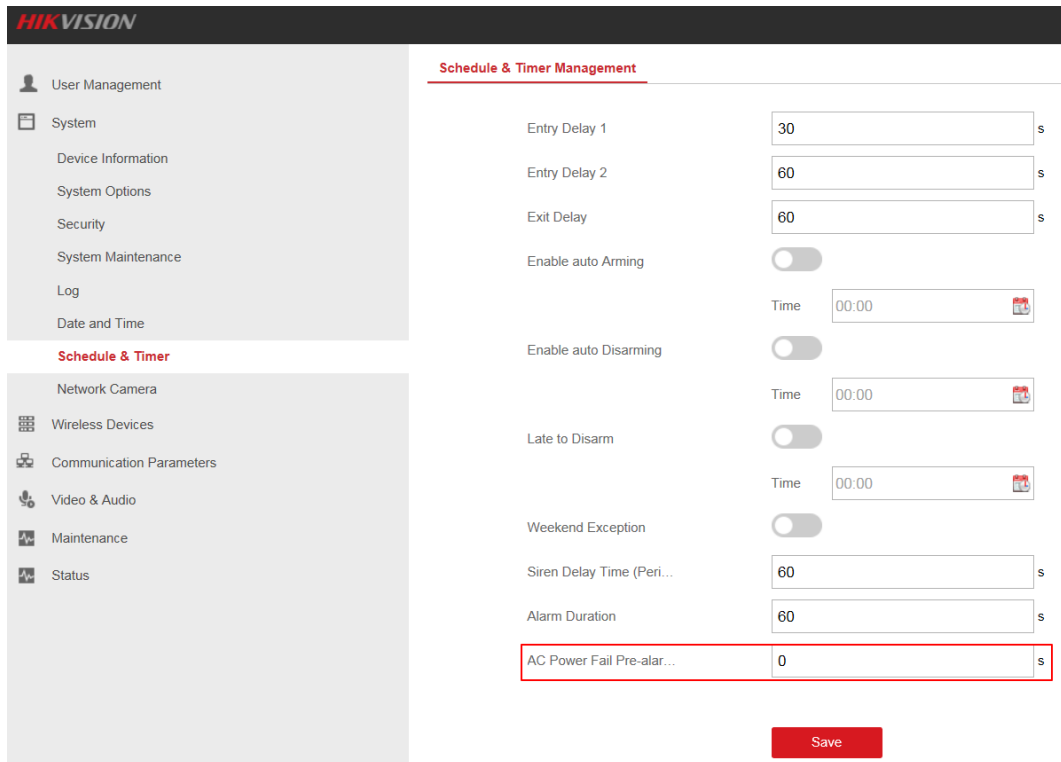
#### 4) Add Card Reader Lock Settings :

Default Max. Failure Attempts is 3 times, Locked Duration 90s. When you use an invalid card to reach 3 times, card reader locked.



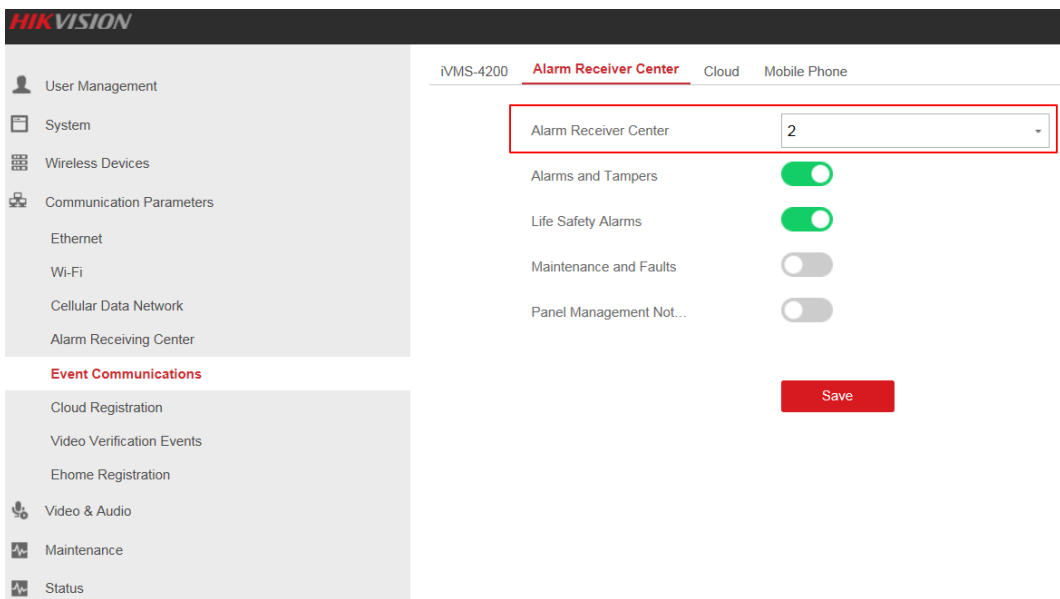
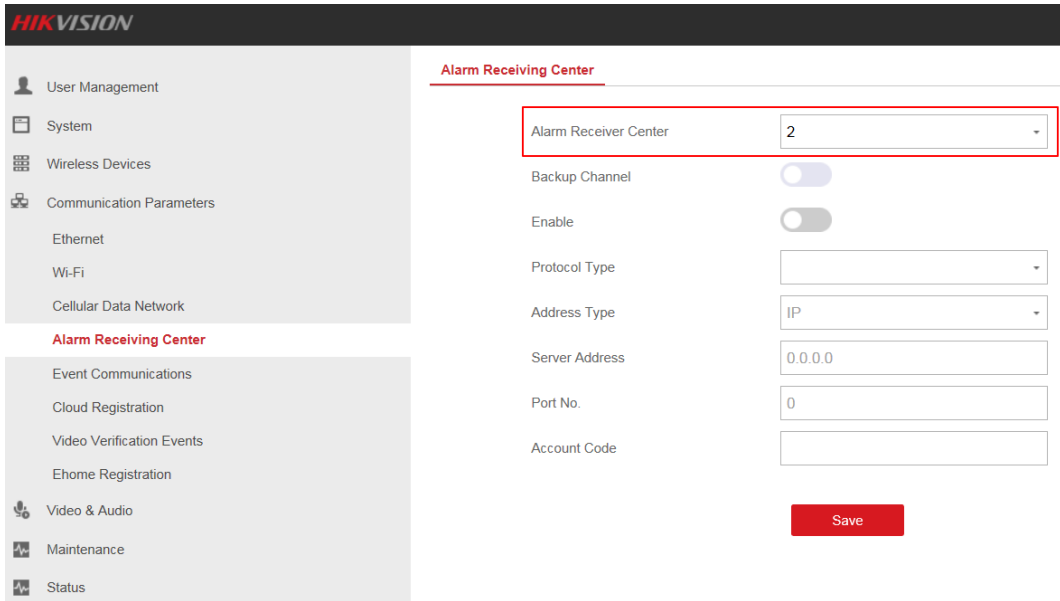
#### 5) Add AC Power Fail Pre-alarm Timer:

When device AC power off, it will not upload AC power off report and log during setting time, if beyond time it will upload.



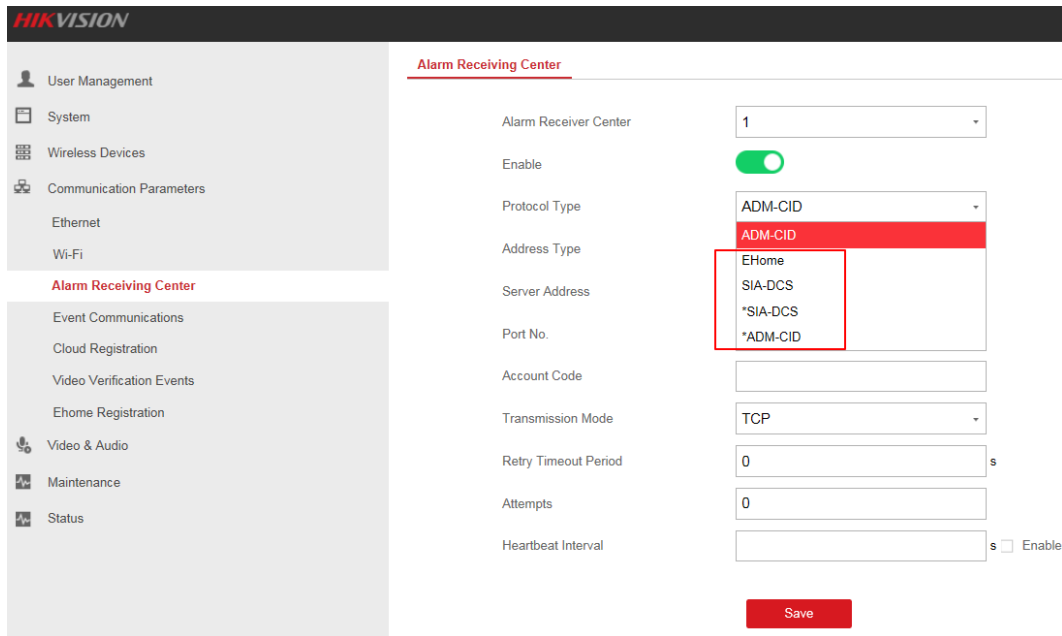
### 6) Support Two Alarm Receiving Center:

Can configure two main receiving center, or One main center and One standby center.



**7) Add New Alarm upload Protocol:**

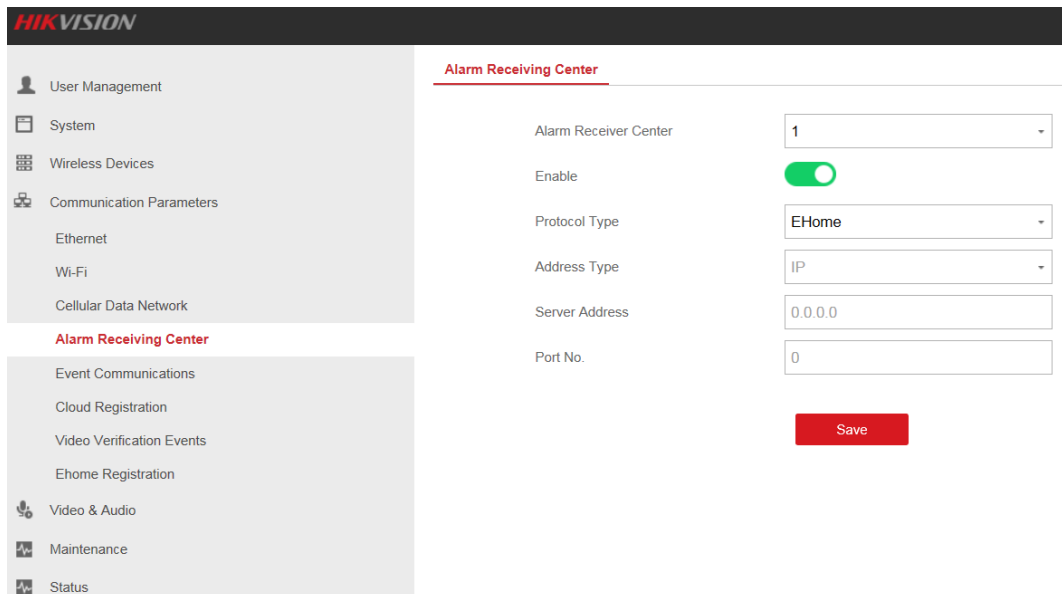
ADM-CID、Ehome、SIA-DCS、\*SIA-DCS、\*ADM-CID(\* means Secret Key)



**8) Add Ehome 5.0 Protocol:**

Support Ehome protocol upload and remote operate, remote operate including Arm/Disarm、Bypass、Clear Alarm.

**Ehome 5.0 upload configuration:**



**Ehome 5.0 Platform configuration:**

**9) Add Step Test Feature :**

Enable Test and click save, trigger the Detectors one by one, Displays pass is normal trigger.

Zone No.	Zone Name	Test Result
1	Wireless zone 1	Pass
2	Wireless zone 2	Pass
3	Wireless zone 3	Invalid zone.
4	Wireless zone 4	Invalid zone.
5	Wireless zone 5	Invalid zone.
6	Wireless zone 6	Invalid zone.
7	Wireless zone 7	Invalid zone.
8	Wireless zone 8	Invalid zone.
9	Wireless zone 9	Invalid zone.
10	Wireless zone 10	Invalid zone.
11	Wireless zone 11	Invalid zone.
12	Wireless zone 12	Invalid zone.
13	Wireless zone 13	Invalid zone.

**10) Add Detector Signal Strength display Feature**

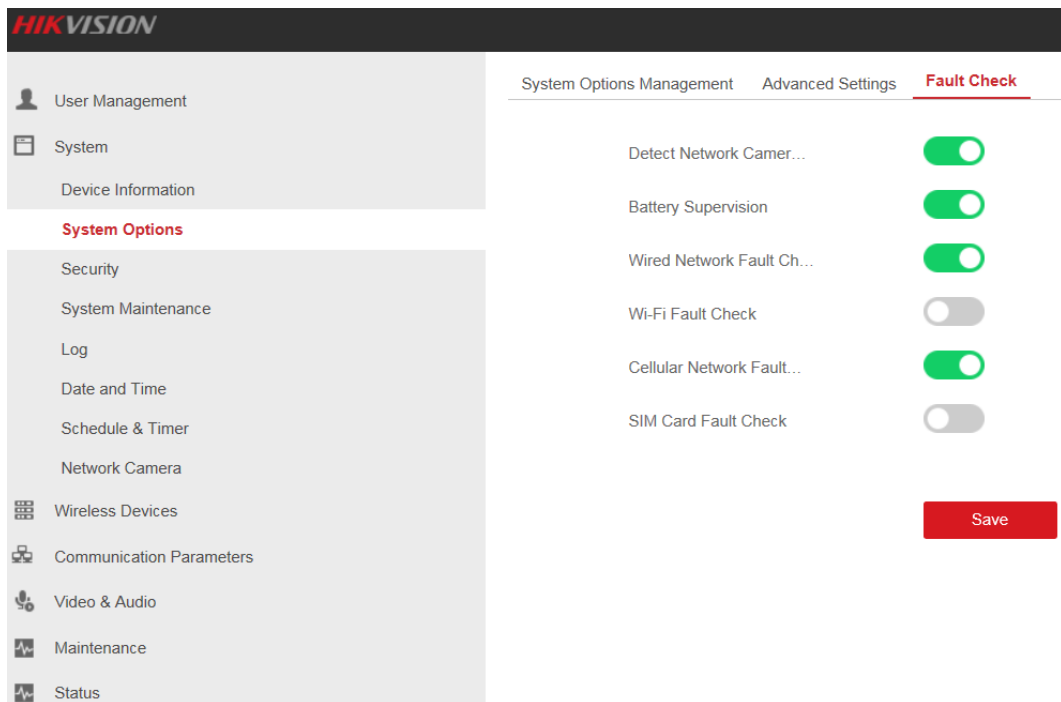


Zone	Name	Status	Alarm Status	Detector Battery Capacity	Signal Strength
1	Wireless zone 1	Disarm	Normal	Normal	229(Strong)
2	Wireless zone 2	Disarm	Normal	Normal	183(Strong)
3	Wireless zone 3	Not Linked	Normal	Invalid	0(Invalid)
4	Wireless zone 4	Not Linked	Normal	Invalid	0(Invalid)
5	Wireless zone 5	Not Linked	Normal	Invalid	0(Invalid)
6	Wireless zone 6	Not Linked	Normal	Invalid	0(Invalid)
7	Wireless zone 7	Not Linked	Normal	Invalid	0(Invalid)
8	Wireless zone 8	Not Linked	Normal	Invalid	0(Invalid)
9	Wireless zone 9	Not Linked	Normal	Invalid	0(Invalid)
10	Wireless zone 10	Not Linked	Normal	Invalid	0(Invalid)
11	Wireless zone 11	Not Linked	Normal	Invalid	0(Invalid)
12	Wireless zone 12	Not Linked	Normal	Invalid	0(Invalid)
13	Wireless zone 13	Not Linked	Normal	Invalid	0(Invalid)

## 2. Feature optimization:

### 1) Fault Detection Item Optimization:

Add fault check interface --- Enable the switch, it will check the corresponding failure, and if disabled, it will stop checking。



## 3. Delete Features:

### 1) Remove the HTTP protocol to upload the alarm.