

# Axiom Hub

## Version: V1.0.4

### Release Note

#### (2019-07-01)

## 1. Firmware Basic Information

<b>Firmware Basic Information</b>	Firmware Version	V1.0.4_build190629
	SDK Version	V6.1.0.11_build20190611
	iVMS-4200	V2.7.3.14_build 20190312
	Web Version	V4.25.1 build 190327

## 2. V1.0.4 Upgrade Note

### 2.1 Added Function:

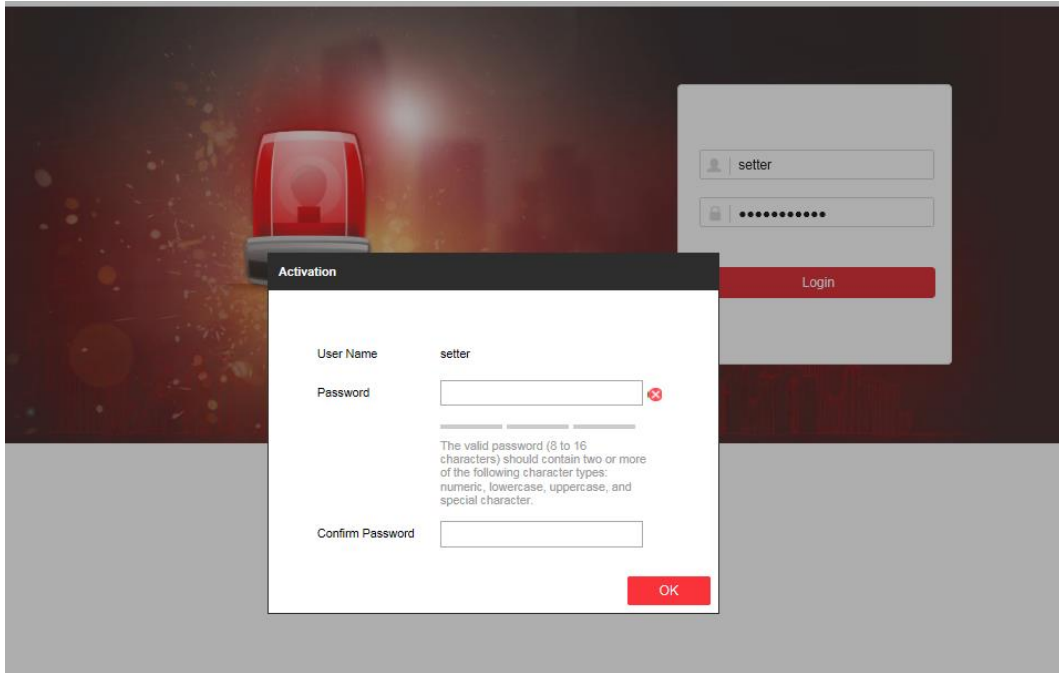
#### 1) Add Setter and Manufacturer user Default Password change

**function :**

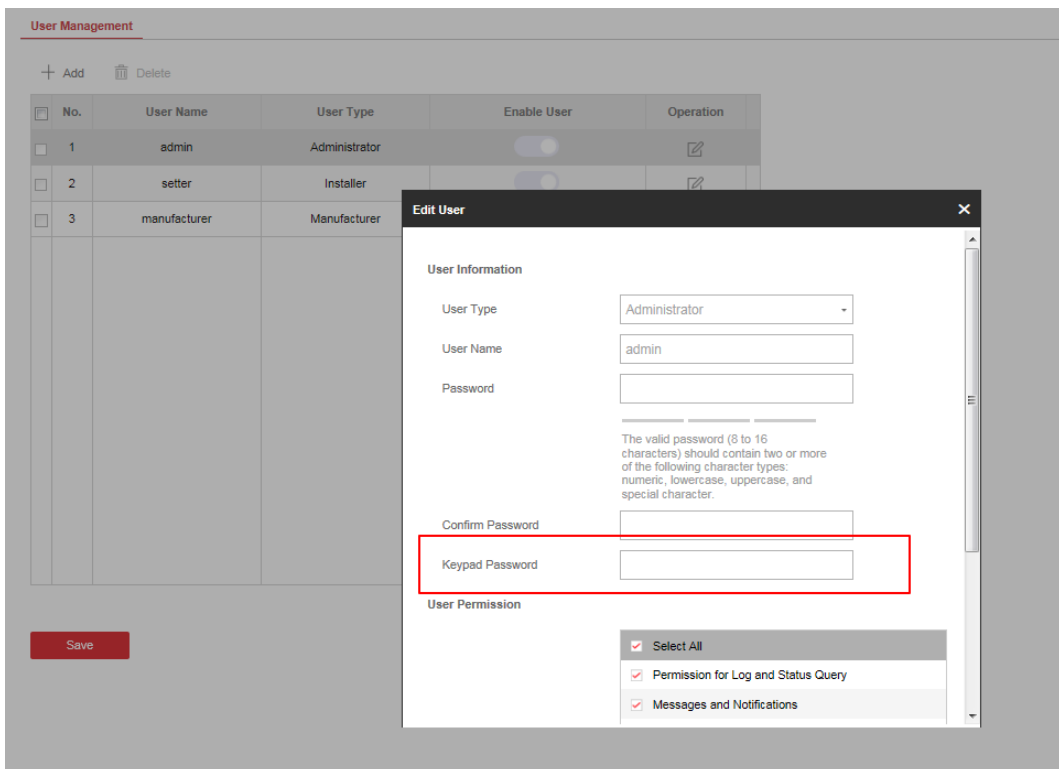
Setter User Default Password : **setter12345**

Manufacturer User Default Password : **hik12345**

When you login in website at first time, website will prompt you to change the password

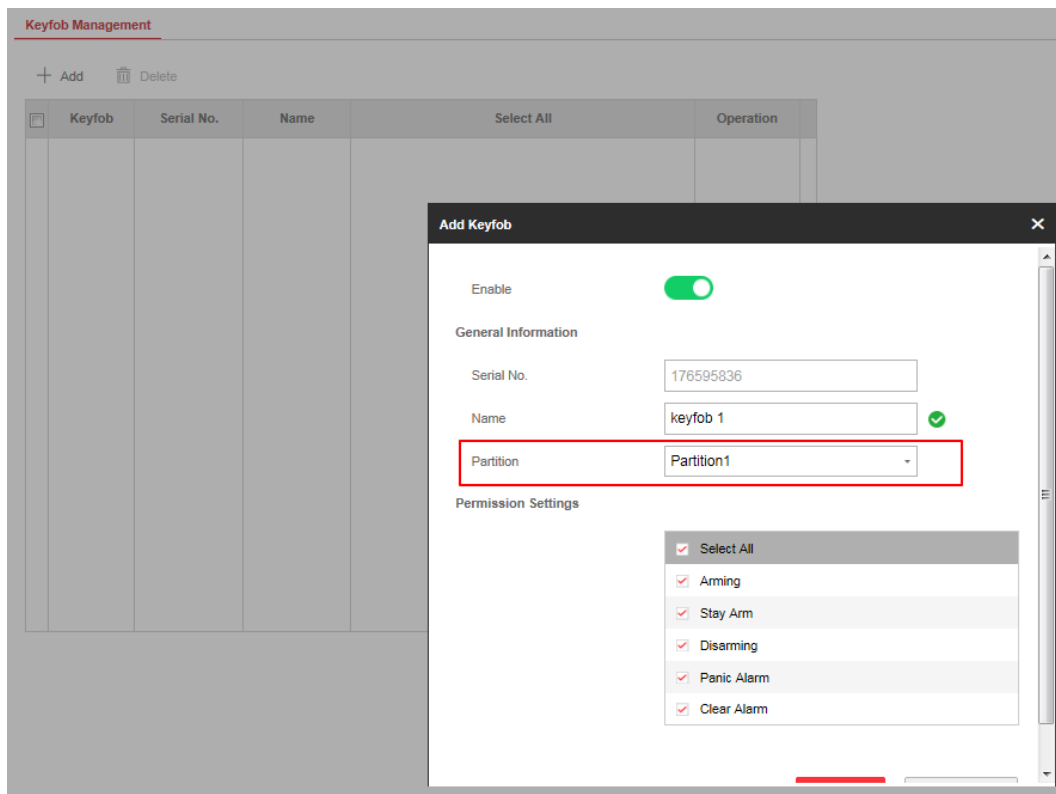


## 2) Add Admin and Setter User keyboard password parameters :



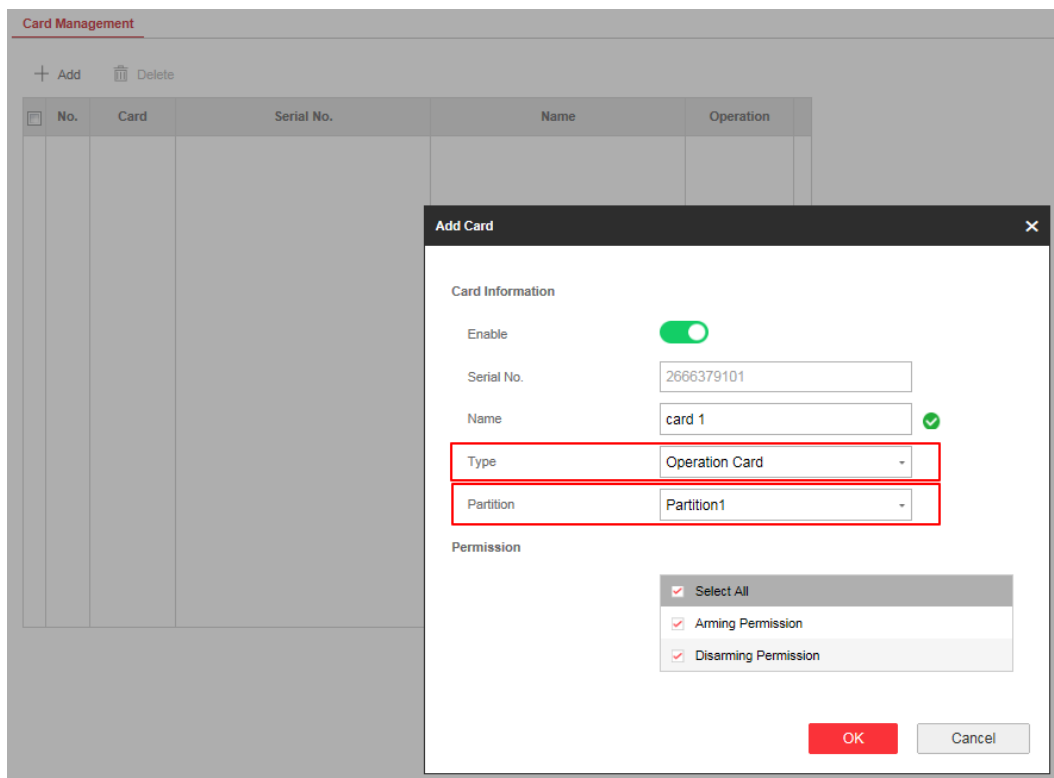
## 3) Associate Keyfob to Partition Function :

You can associate keyfob to all Partitions or one Partition, and when you select one Partition, the keyfob can only operate the associated Partition.

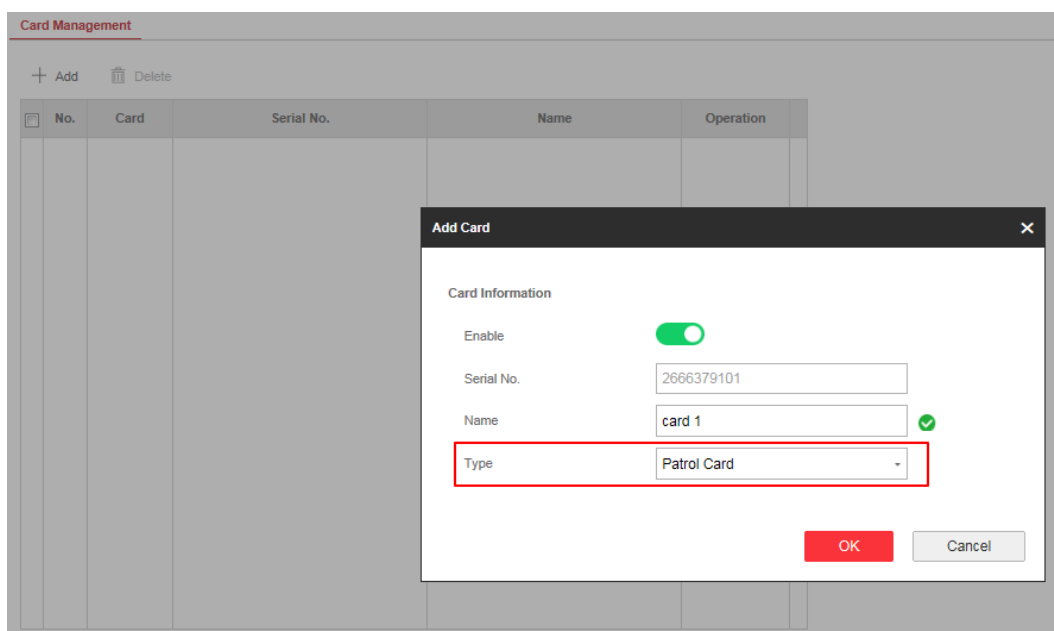


#### 4) Associate Card to Partition Function :

You can associate card to all Partitions or one Partition, and when you select one Partition, the keyfob can only operate the associated Partition.



When you configure the card to **Patrol Card**, it not support to associate to Partition. When you swipe by Patrol card, it will upload the patrol report and log.



### 5) Change module locking settings:

Change name **card reader lock settings** to **module locking settings**, add keyboard and card reader configuration interface.

Locking logic:

- 1) Invalid card swipe up to three times, the keyboard lock.
- 2) The same card swipes repeatedly, only records once time.

- 3) Two invalid cards alternately swipe, only recorded twice, will not lock keyboard.
- 4) **Three false password operation will lock the keyboard.**

SSH Settings   Locking User Settings   **Module Locking Settings**

No.	Device Type	Max. Failure Attempts	Locked Duration	Status	Operation
1	Keypad	3	90	Unlocked	⚙️
2	Keypad	3	90	Unlocked	⚙️
3	Keypad	3	90	Unlocked	⚙️
4	Keypad	3	90	Unlocked	⚙️
1	Card Reader	3	90	Unlocked	⚙️
2	Card Reader	3	90	Unlocked	⚙️
3	Card Reader	3	90	Unlocked	⚙️
4	Card Reader	3	90	Unlocked	⚙️
1	Local Card Reader	3	90	Unlocked	⚙️

SSH Settings   Locking User Settings   **Module Locking Settings**

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1	Card Reader	3	90	Unlocked	⚙️
2	Card Reader	3	90	Unlocked	⚙️
3	Card Reader	3	90	Unlocked	⚙️
4	Card Reader	3	90	Unlocked	⚙️
1	Local Card Reader	3	90	Unlocked	⚙️

**Configuration** ✕

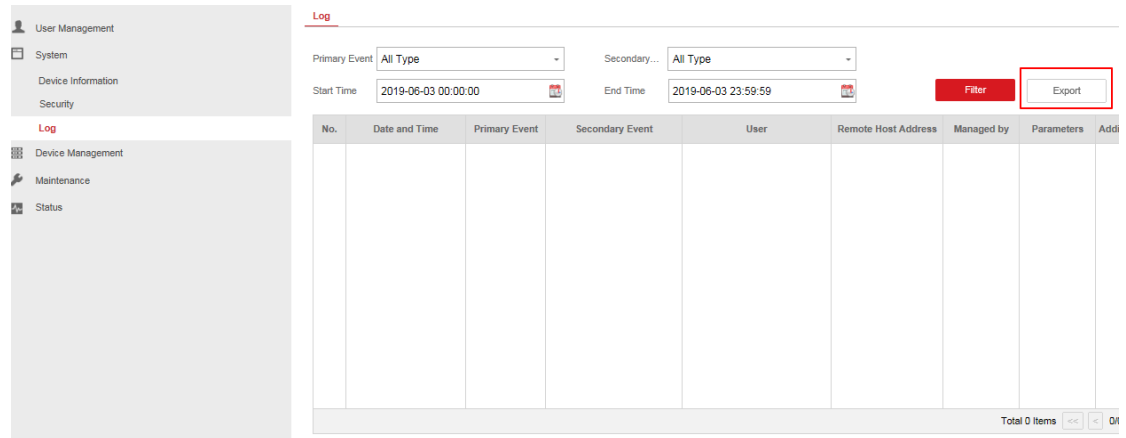
Device Type:

No.:

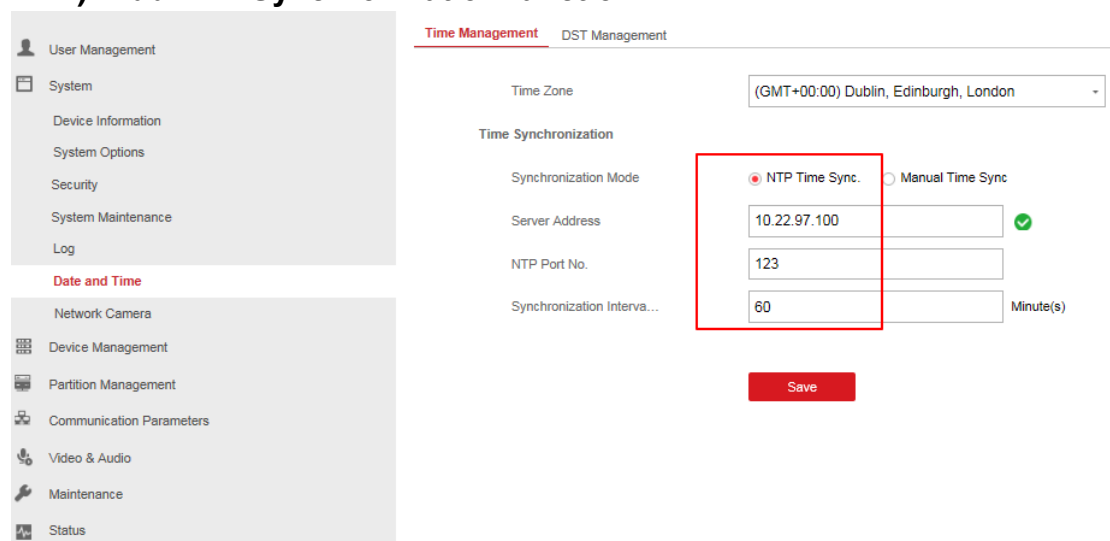
Max. Failure Attempts:

Locked Duration:  s

**6) Add Log Export function :**

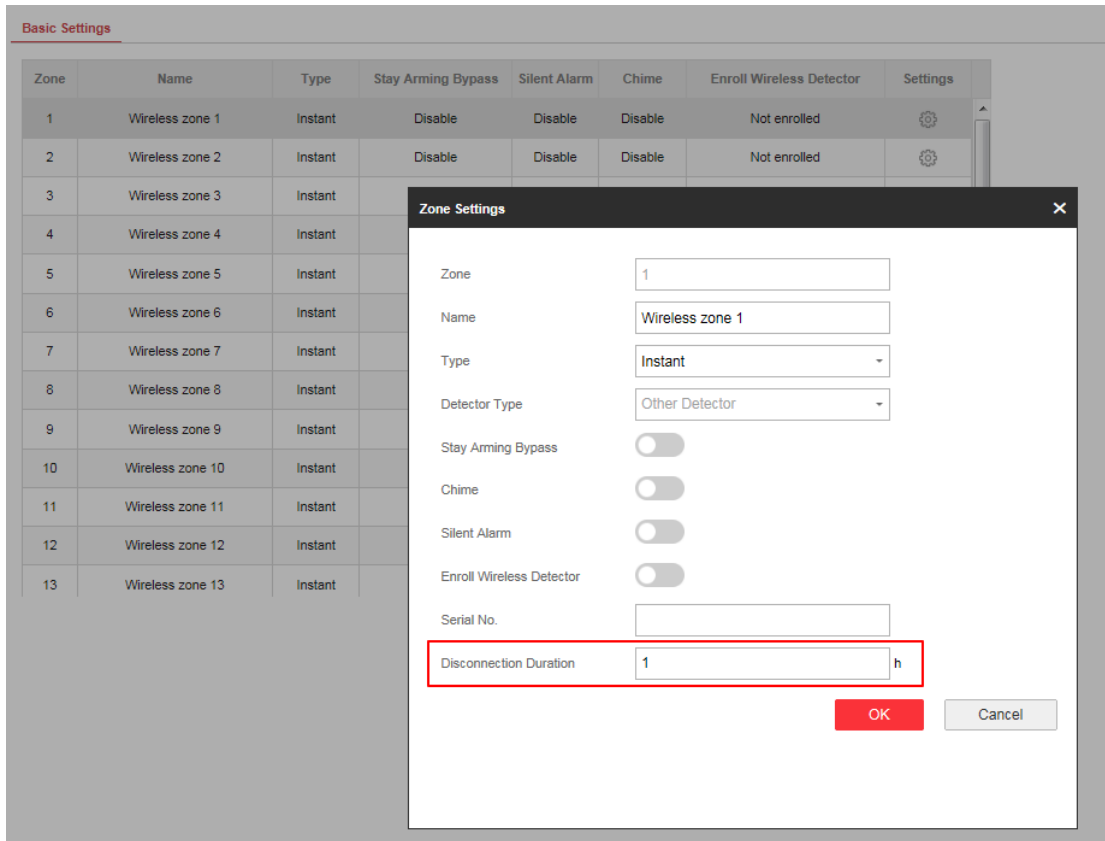


### 7) Add NTP Synchronization function:



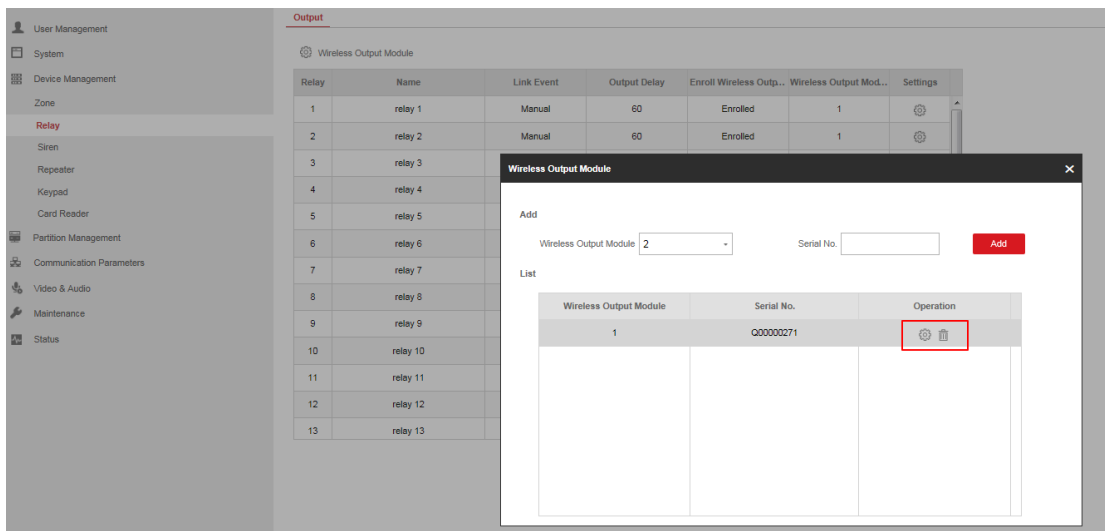
### 8) Add Detector Disconnection Duration Feature :

Exceeding the Duration time, if the panel does not get heartbeat from detector, it will show detector offline.(Time from 1~24H)



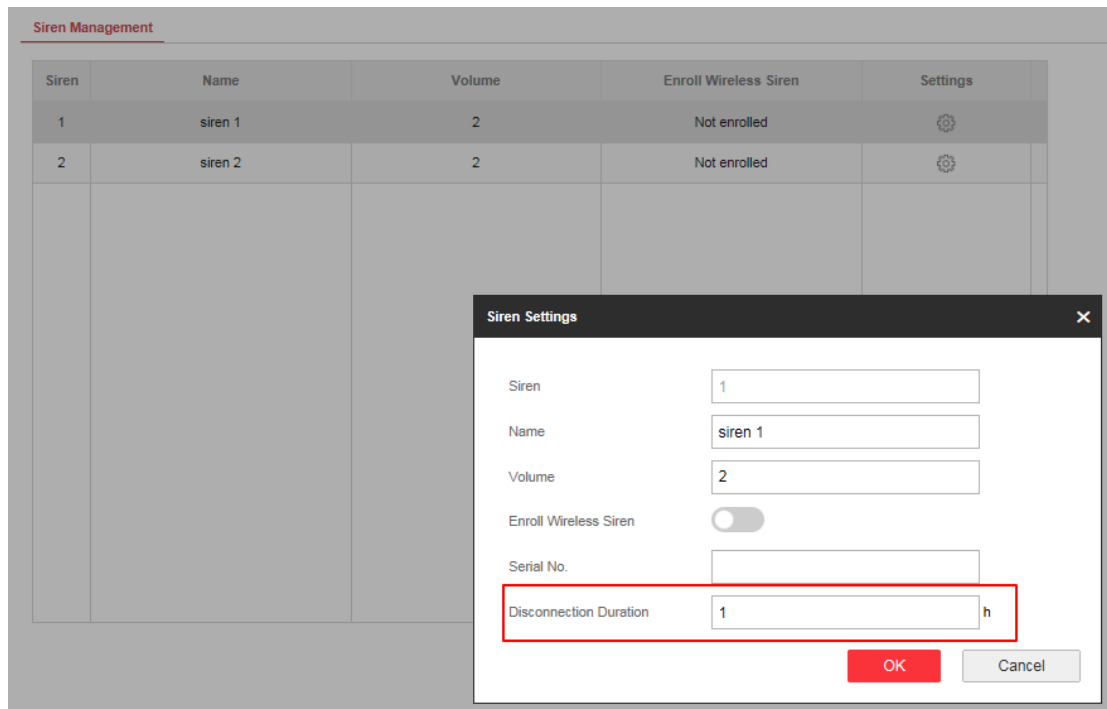
**9) Add Expander Disconnection Duration Feature :**

Exceeding the Duration time, if the panel does not get heartbeat from expander, it will show expander offline.(Time from 1~24H)



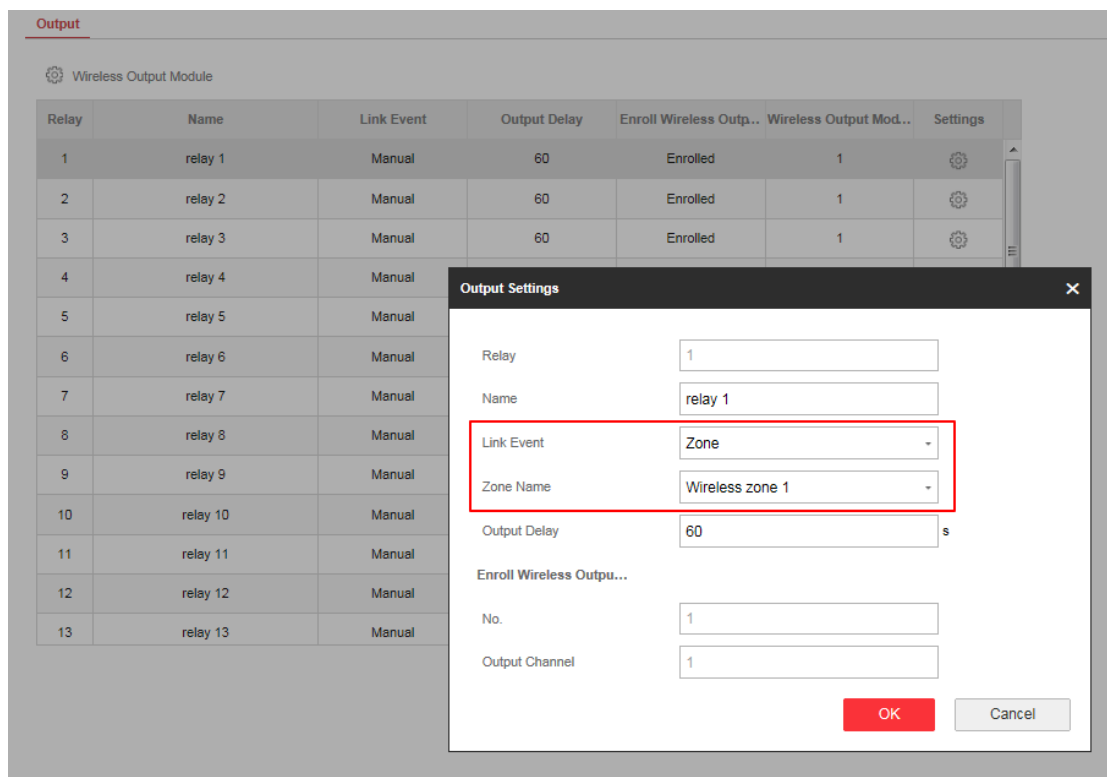
**10) Add Wireless Siren Disconnection Duration Feature :**

Exceeding the Duration time, if the panel does not get heartbeat from Wireless siren, it will show siren offline.(Time from 1~24H)



**11) Add output link to Zone Event Feature :**

Link zone event to output, when the configured zone have alarm or Tamper event, the corresponding relay open.



**12) Add New Wireless keyboard :**

Keyboard configuration parameters include Name, Buzzer, Present Card,



Arm/disarm enable item, background light pff-time configuration, keyboard association Partition configuration, keyboard disconnection Duration time, keyboard locking parameters, etc.

Keypad Management								
Keypad	Name	Linked Partition	Arming/Disarm...	Buzzer	Present Card	Link to Wire...	Settings	
1	keypad 1	Partition1	Open	Open	Open	Not enrolled		
2	keypad 2	Partition1	Open	Open	Open	Not enrolled		
3	keypad 3	Partition1	Open	Open	Open	Not enrolled		
4	keypad 4	Partition1	Open	Open	Open	Not enrolled		

**Configuration** ✕

Keypad:

Name:

Buzzer:

Present Card:

Arming/Disarming with...:

Back-light Off Time:  to   Enable

Linked Partition:

Disconnection Duration:  h

Link to Wireless Keypad:

Serial No.:

**13) Add New Card Reader :**

Card Reader configuration parameters include Name, Buzzer, Arm/disarm enable item, association to Partition configuration, disconnection Duration time, locking parameters, etc.

Card Reader Management						
Card.	Name	Linked Partition	Buzzer	Link to Wireless Card R...	Settings	
1	cardReader 1	Partition 1	Open	Not enrolled		
2	cardReader 2	Partition 1	Open	Not enrolled		
3	cardReader 3	Partition 1	Open	Not enrolled		
4	cardReader 4	Partition 1	Open	Not enrolled		

**Configuration** ✕

Card Reader:

Name:

Buzzer:

Linked Partition:

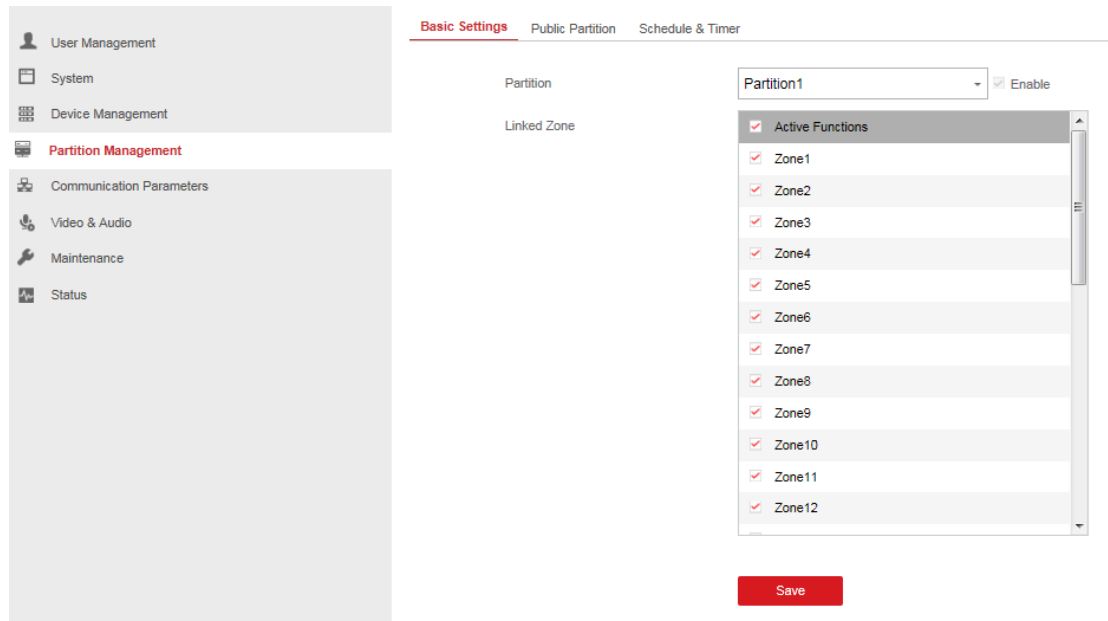
Disconnection Duration:  h

Link to Wireless Card R...:

Serial No.:

**14) Support 4 Partition:**

The number of Partition increase from 1 to 4, and add public Partition function. When the Partition enables, support associate zones, and one subsystem can link up to 32 zones.



**15) Add SMS remote control function :**

SMS remote control command:

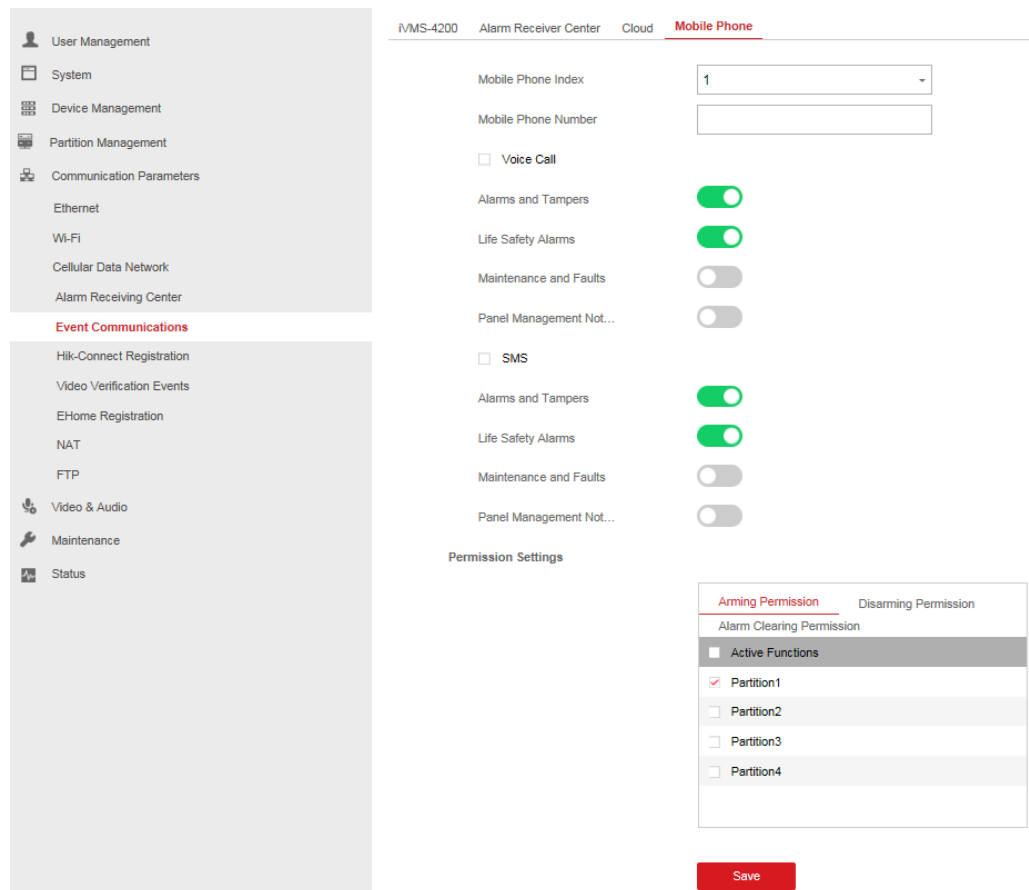
**“Command + Operate type + Operate Object”**

Command: 00—Disarm, 01—Away arming, 02—Stay arming, 03—Clear alarm

Operate type: 1—Partition operate

Operate Object: 0—All Partition, 1—Partition 1, 2—Partition 2, 3—Partition 3, 4—Partition 4

**Example: 01+1+1 means Partition 1 Away arming**



### 16) Add NAT function :

Use the NAT feature to Port Mapping device port to Internet.

**NAT Settings**

Enable UPnP:

Mapping Type: Auto

Port Type

HTTP Port: 80

Service Port: 8000

Status

Port Type	External Port	External IP Address	Internal Port	UPnP Status
HTTP Port	80	0.0.0.0	80	Inoperative
Service Port	8000	0.0.0.0	8000	Inoperative

Save

### 17) Add FTP function :

The device can upload 7s video to FTP server when alarm happened.

**FTP Settings**

FTP Type: Preferred FTP

Enable FTP:

Address Type: IP

FTP Server:

Port No.: 21

Protocol Type: FTP

Enable Anonymity:

User Name:

Password:

Directory Structure: Save in Root Directory

Parent Directory: Custom

Secondary Directory: Custom

Save

### 18) Add NVR docking function:

When an alarm happened, the Panel will uploads a log to Hik-connect, and a cid to NVR. NVR will link alarm log to IPC, upload alarm information with video to Hik-connect.

The log form Panel and NVR are same, it will be filtered and merged by Hik-connect and then presented to the end user.

## 2. Feature optimization:

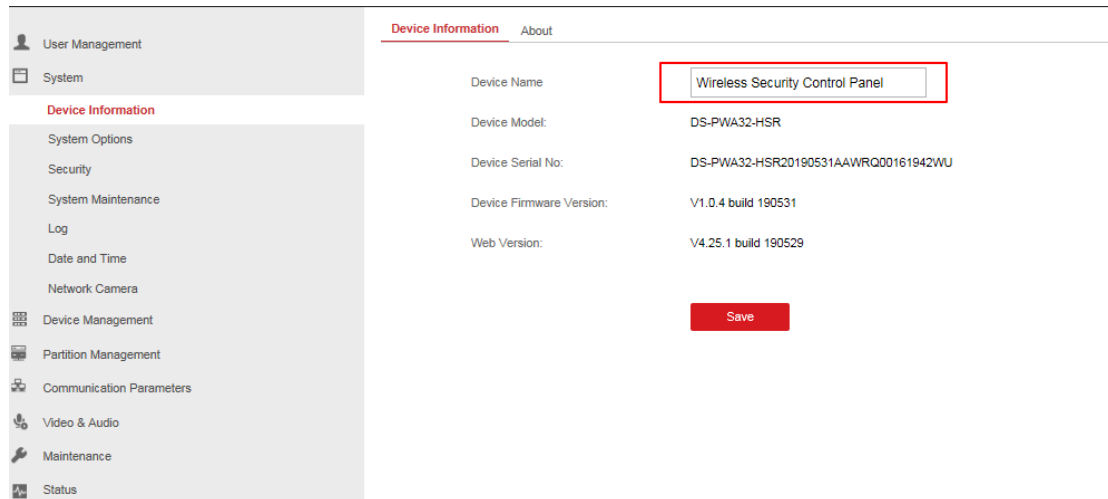
### 1) Phone calling logic Optimization:

Support the mobile phone number up to 8, and separate configuration of SMS and Voice call.

The Voice call upload logic change to calls in the order from numbers 1 to 8, If any of the number is connected, then start broadcasting voice, broadcast 3 times, if the user press “ \* ” key, then stop calling, if the user does not press “ \* ” key, continue to dial the next number.

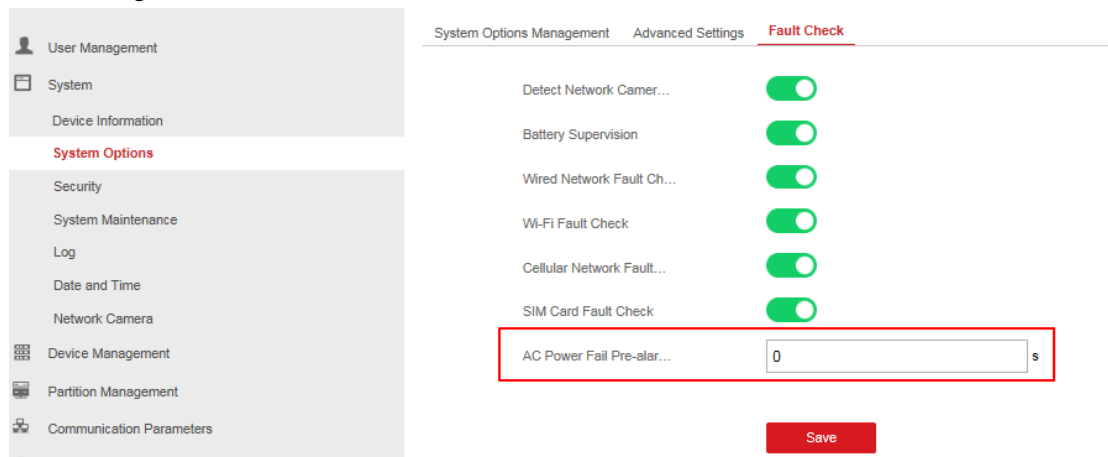
**2) Device name can be modified:**

The device name parameters can be modified, and alarm SMS will carry the device name information.



**3) AC power fail detection time Optimization:**

Change the interface.



**4) Video Verification time Optimization:**

Support two parameters optional configuration: pre-alarm 5s and alarm after 2s, pre-alarm 2s and after alarm 5s.

Event Video Settings	
Panel Video Channel No.	1
Stream Type	Sub-stream
Bitrate Type	Constant Bitrate
Resolution	704*576
Video Bitrate	1536 Kbps
Length of Cached Video...	5 s
Length of Cached Video...	2 s

Save

**5) Siren linkage Function Optimization:**

Keyfob and keyboard Panic alarm will not trigger siren output and Panel buzzer.  
Support new keyboard fire alarm event trigger Siren output.

**3. Issue Fixed:**

- 1) Fix issue of SMS sending failure will caused the phone upload event need wait 2.5 minutes defect, change to clear the send flag whether the send is successful or not.**