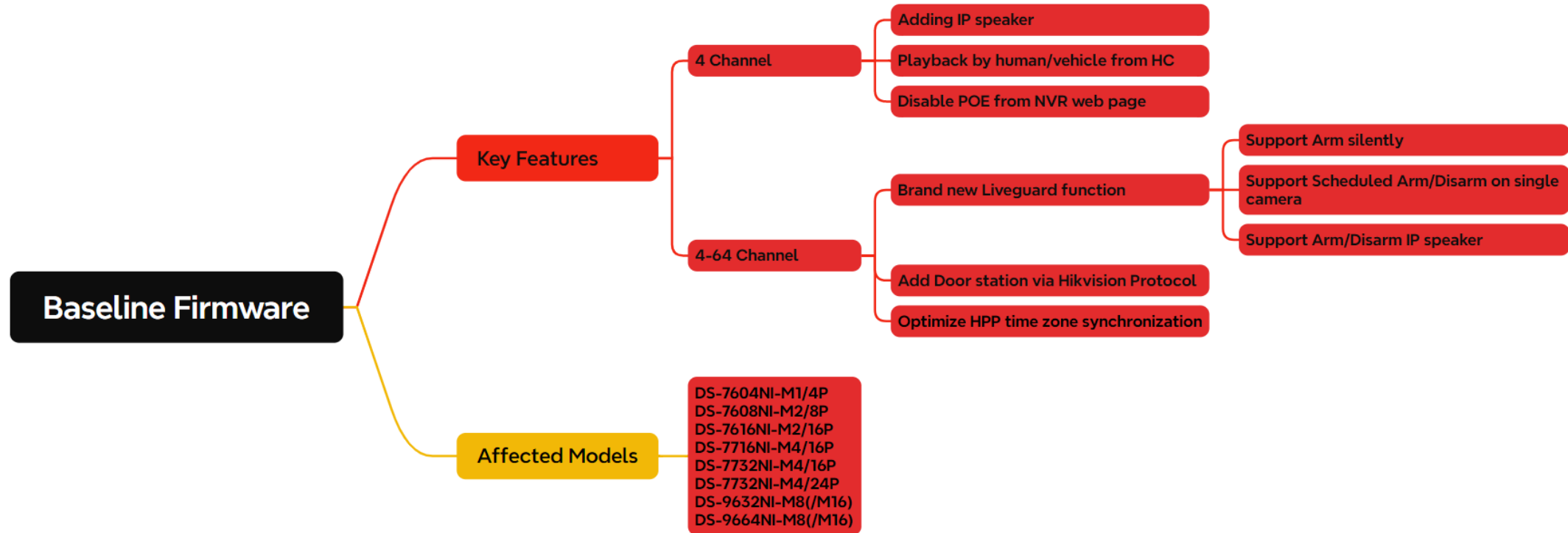


## M Series NVR Firmware Difference V5.03 (Old) vs V5.04 (New)



## Liveguard Function Comparison V5.03 (**Old**) vs V5.04 (**New**)

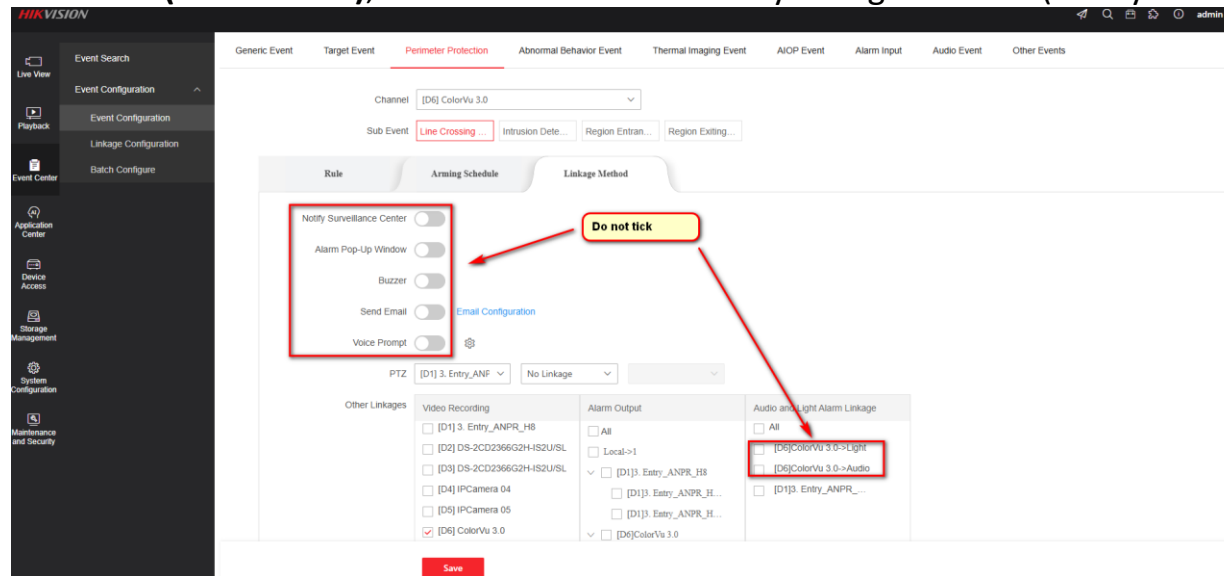


# Liveguard Function Configuration Comparison

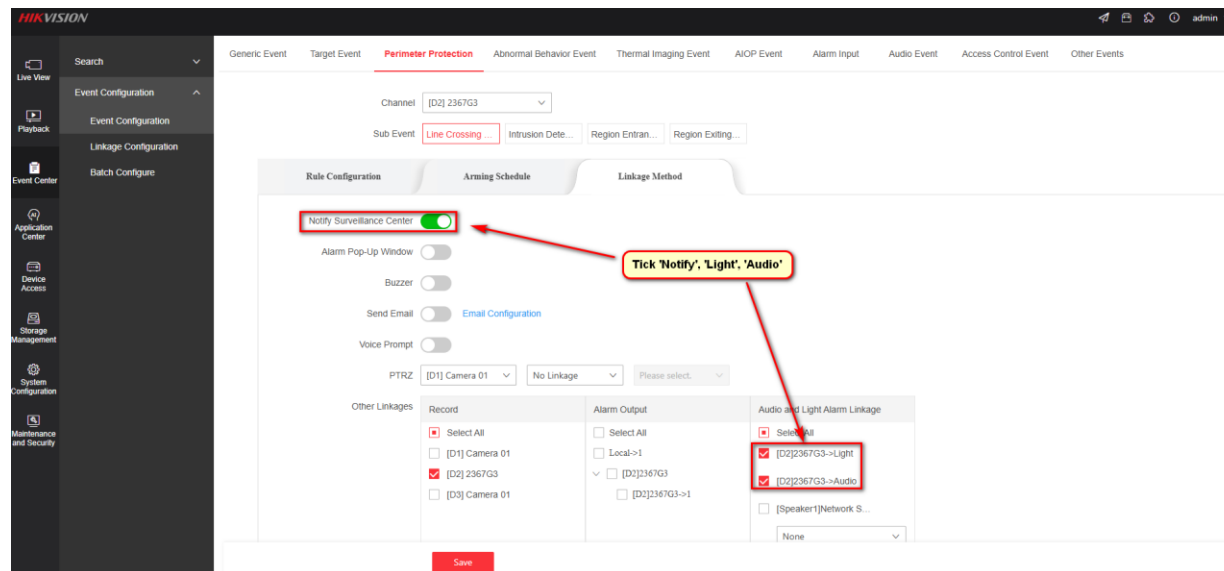


## ➤ LiveGuard Configuration

- For **V5.03 (Old Version)**, we **do not need** to tick any linkage method (Notify Surveillance Center, Light and Audio)



- For **V5.04 (New Version)**, we **need to** tick linkage method (Notify Surveillance Center, Light and Audio)



## Liveguard Function Configuration Comparison

### ➤ Alarm input arm/disarm Configuration

#### V5.03 (Old Version)

Step 1: Wiring cables to alarm input 1 and COM

Step 2: Enable Alarm Input Handling

EditAlarm Input

Alarm Input No.  
Local < - 1

IP Address  
Local

Alarm Type  
NO

Alarm Name  
(Copying not allowed.)

Handling Method  
☐ Disable ☒ Enable Alarm Input Handling ☐ Quick Disarming

Arming Schedule

Arm
Erase

	00	02	04	06	08	10	12	14	16	18	20	22	24
Mon													
Tue													
Wed													
Thu													
Fri													
Sat													
Sun													

#### V5.04 (New Version)

Step 1: Wiring cables to alarm input 1 and COM

Step 2: Enable **Quick Disarming**, tick 'Notify Surveillance Center', 'Audio and Light Alarm Linkage'

EditAlarm Input

Alarm Name  
(Copying not allowed.)

Enable  
☒

Handling Method  
☐ Enable Alarm Input Handling ☒ Quick Disarming

Linkage Method  
☒ Notify Surveillance Center

Buzzer  
☐

Send Email  
☐ Email Configuration

Voice Prompt  
☐

☒ Audio and Light Alarm Linkage

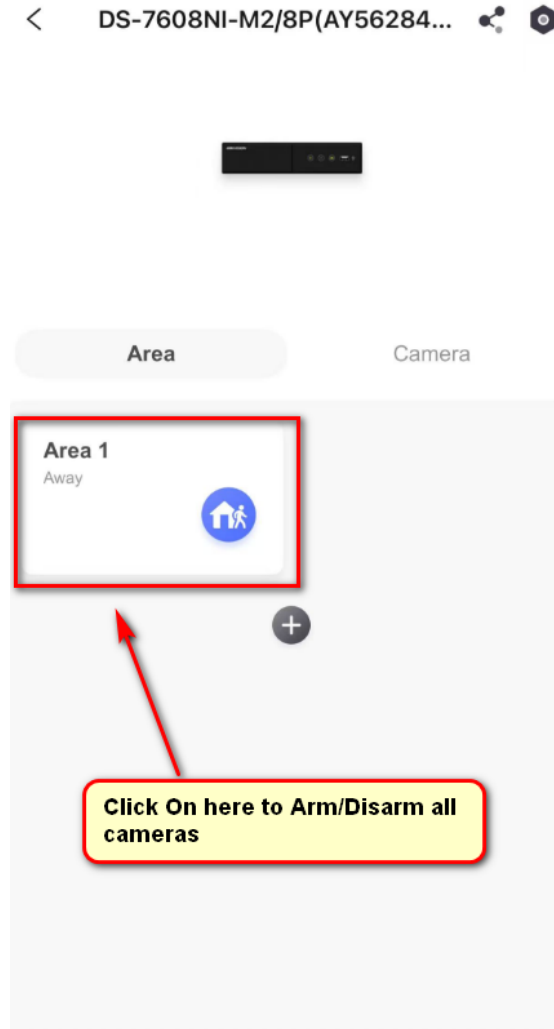
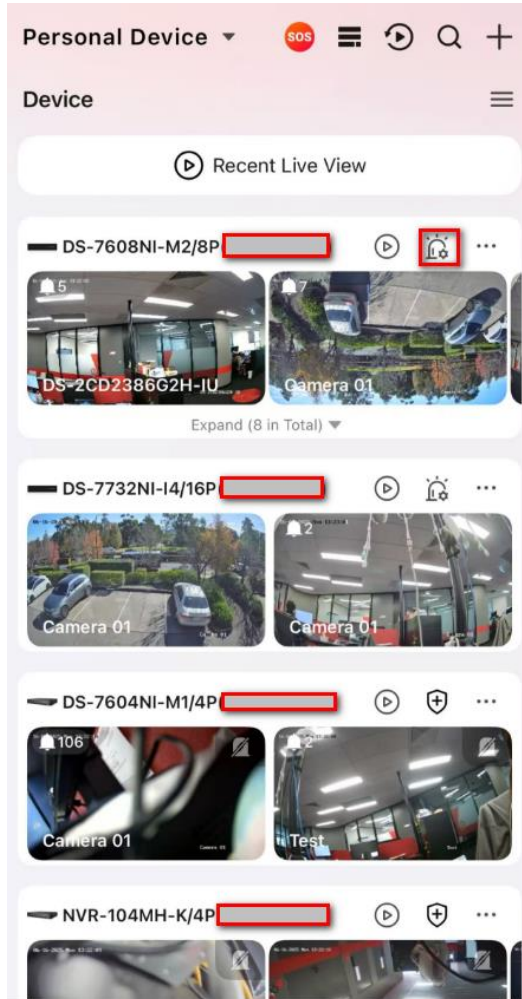
Trigger Alarm Output  
☐

#### To use alarm input function:

1. Make sure NVR is **armed** (NVR is on arm status by default);
2. When there is a signal in, NVR **will process disarm function** to disarm 'Notify Surveillance Center' and 'Audio and Light Alarm Linkage'

## Liveguard Function in Hik-Connect Comparison

### 1. Quick Arm/Disarm **all areas (all cameras)** on V5.03 – Old Version



Note: By default, V5.03 Firmware will put all cameras to Area 1, and we can click on 'Area 1' card to arm/disarm all cameras

## Liveguard Function in Hik-Connect Comparison

### 1. Quick Arm/Disarm **all areas (all cameras) on V5.04 – New Version**

Step 1: Click on shield icon

Step 2: Click the button for arm/arm silently/disarm

Description for Arm/Arm Silently/Disarm



Arm – Strobe & Siren + Notification



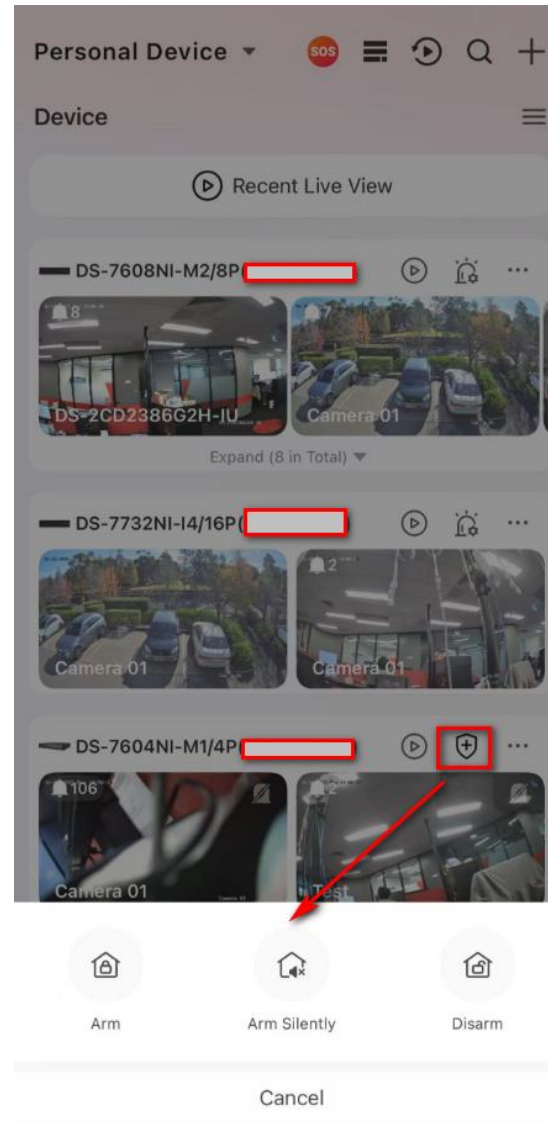
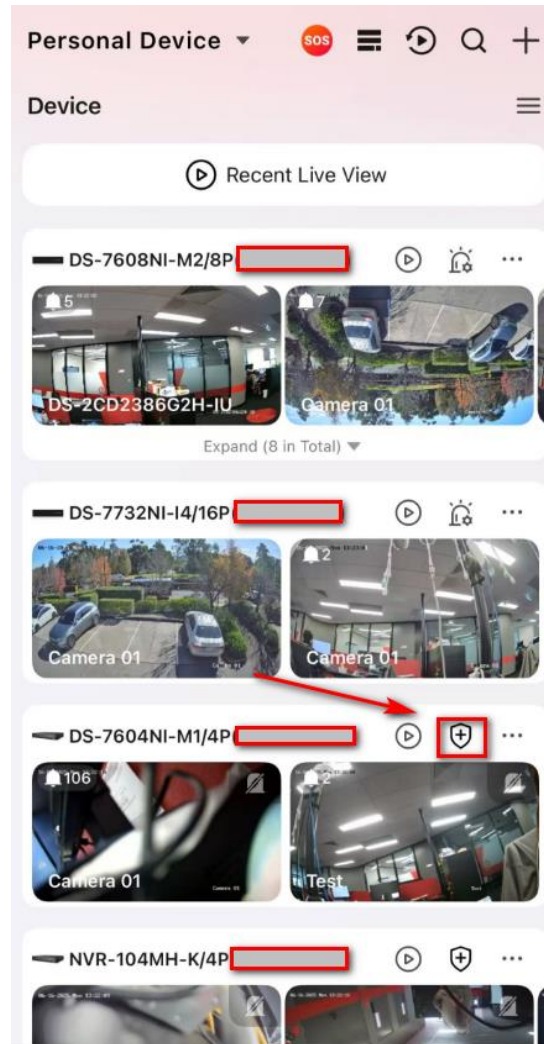
Arm Silently – ~~Strobe & Siren~~  
Only Notification – **New features**



Disarm – No Notification & No Strobe & Light

### New Firmware Features:

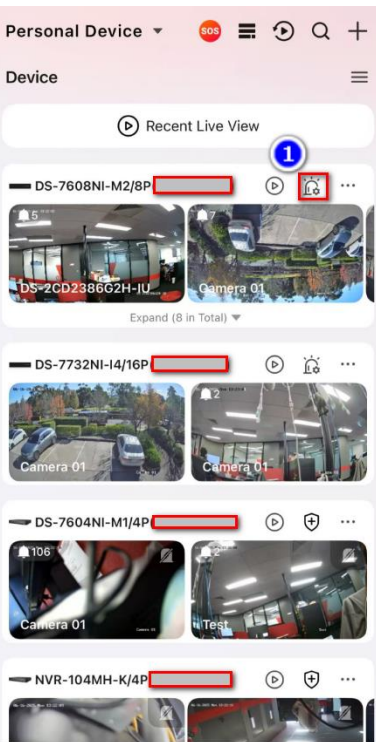
1. Easy to Arm
2. Support Arm silently



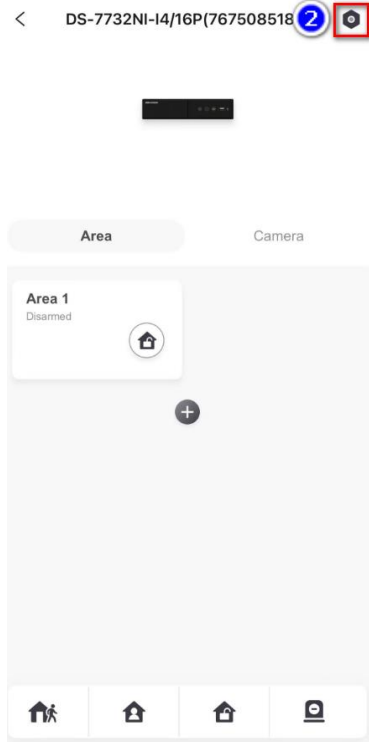
## Liveguard Function in Hik-Connect Comparison

### 2. Arm by areas set up on V5.03 (Old version)

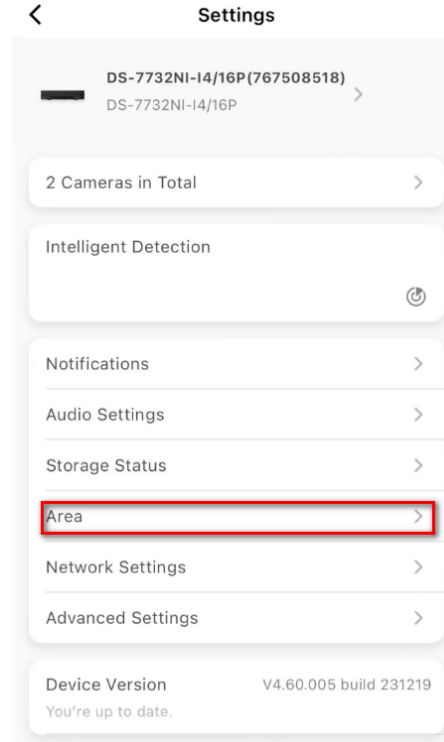
Step 1: Click on Bell icon



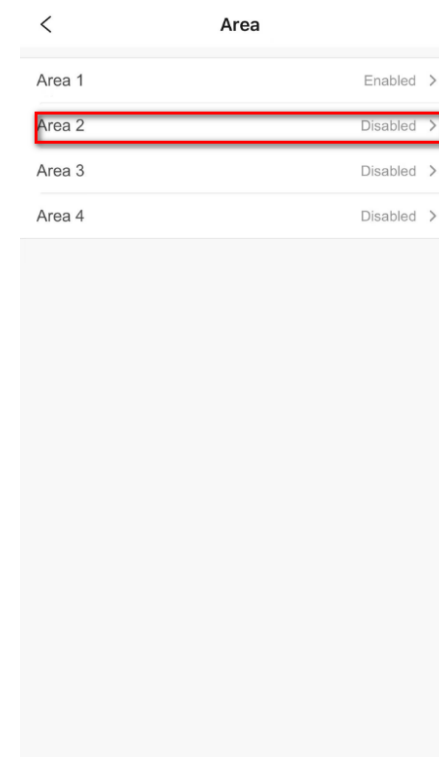
Step 2: Click on gear icon



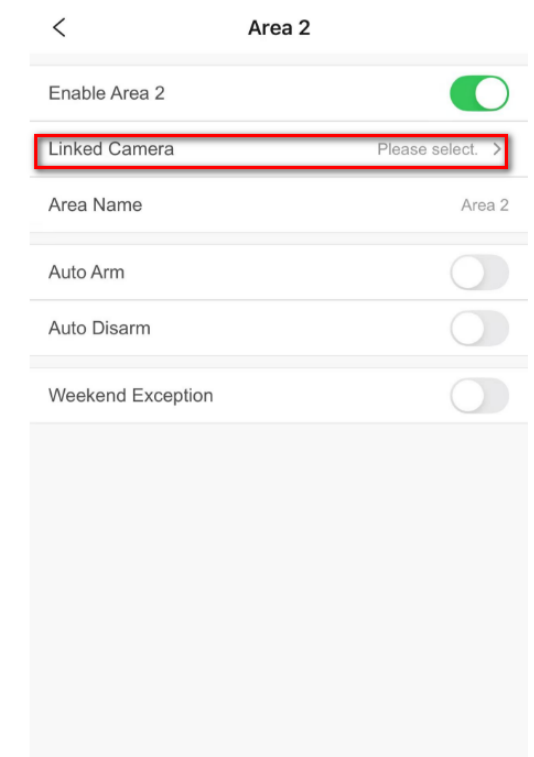
Step 3: Click on gear Area



Step 4: Enable new area



Step 5: Assign cameras to the area



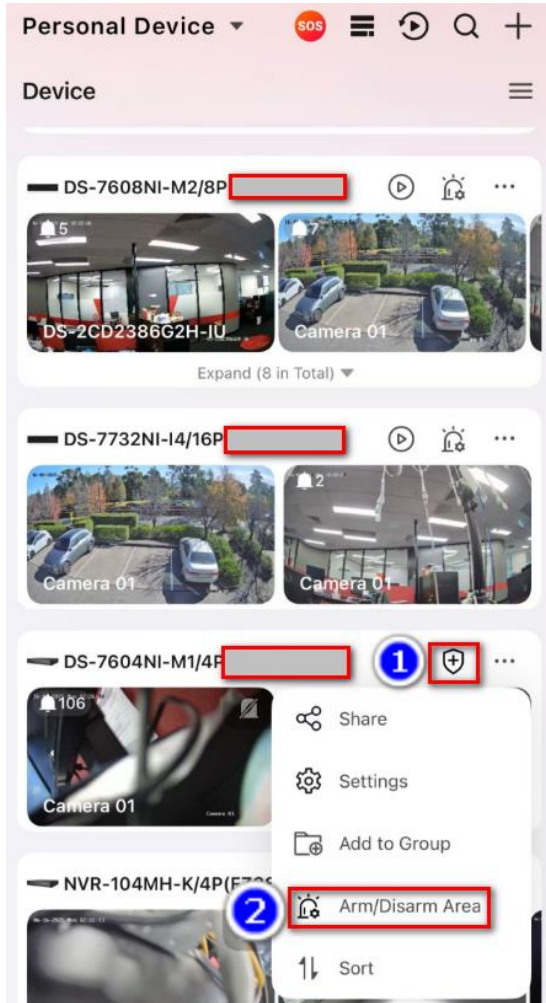
Note: By default, all cameras will be assigned to area 1, and you can arm all cameras via clicking Area 1 card



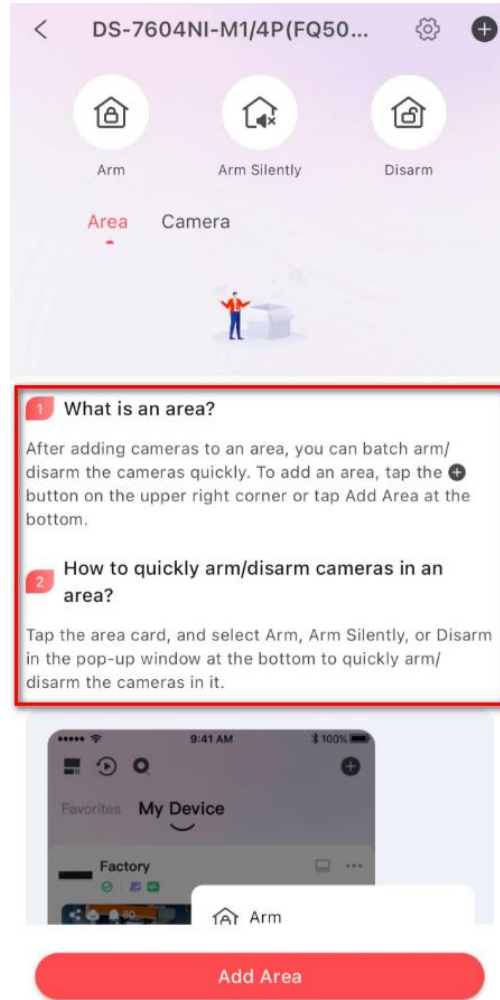
## Liveguard Function in Hik-Connect Comparison

### 2. Arm by areas set up on V5.04 (New version)

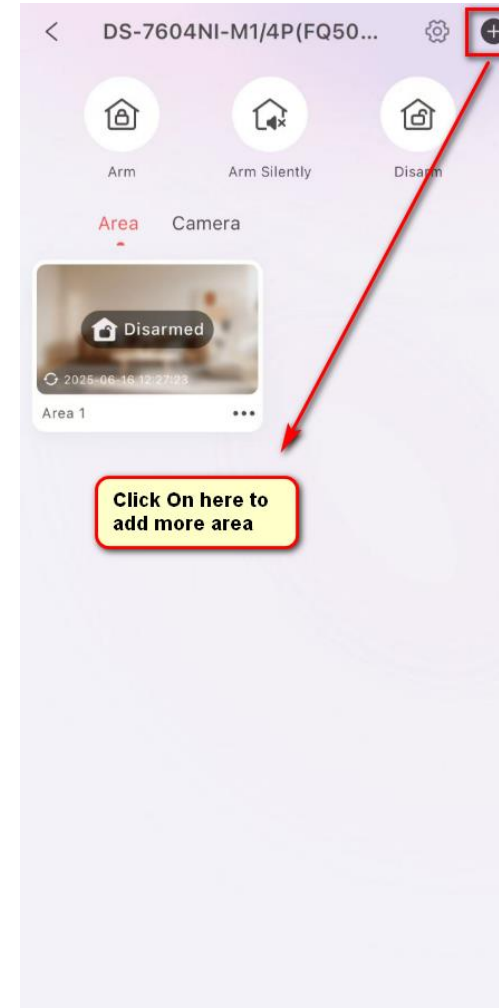
Step 1: Click on Arm/Disarm Area



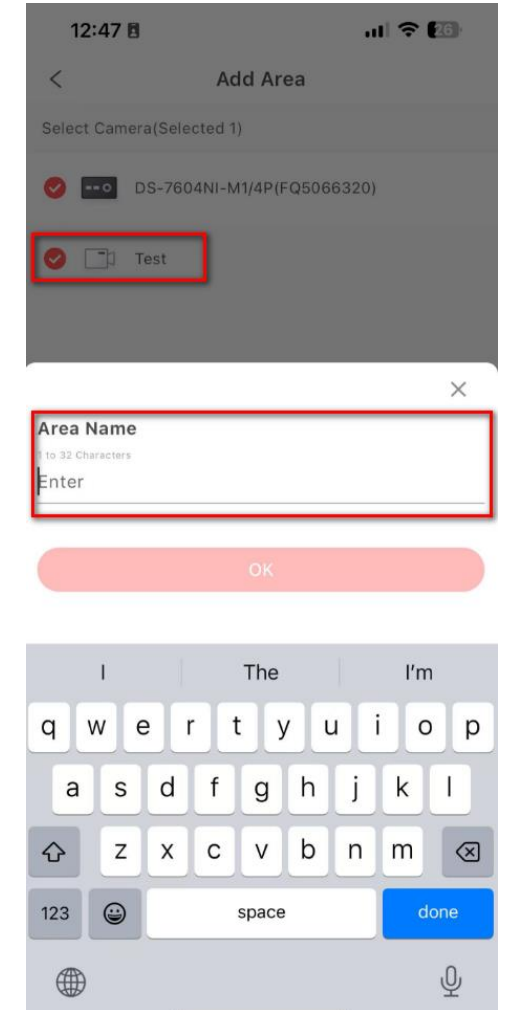
Step 2: Click on Add Area and assign camera to the area



Step 3: Click on '+' Icon to add more area



Step 4: Assign cameras to the area and edit area name



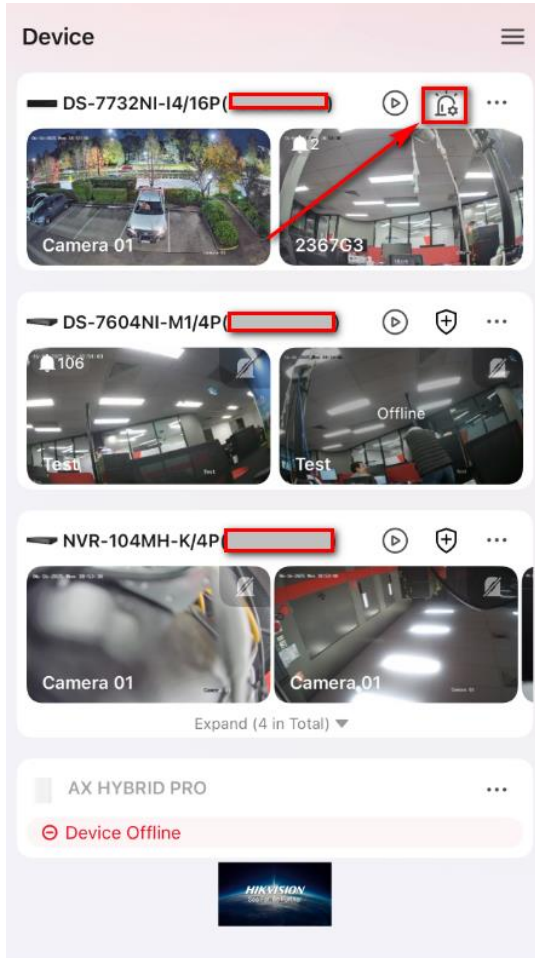
Note: By default, all cameras are not assigned to any area, but you can still arm all cameras via shield icon in the HC home page, and If you need to assign cameras to different areas, please follow the above instruction



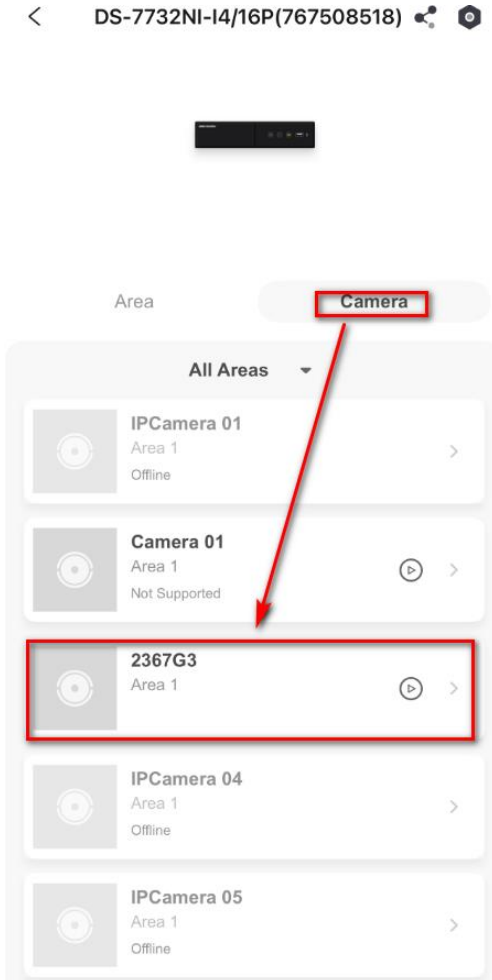
## Liveguard Function in Hik-Connect Comparison

### 3. Turn on/off audio & light on HC – V5.03 (Old Version)

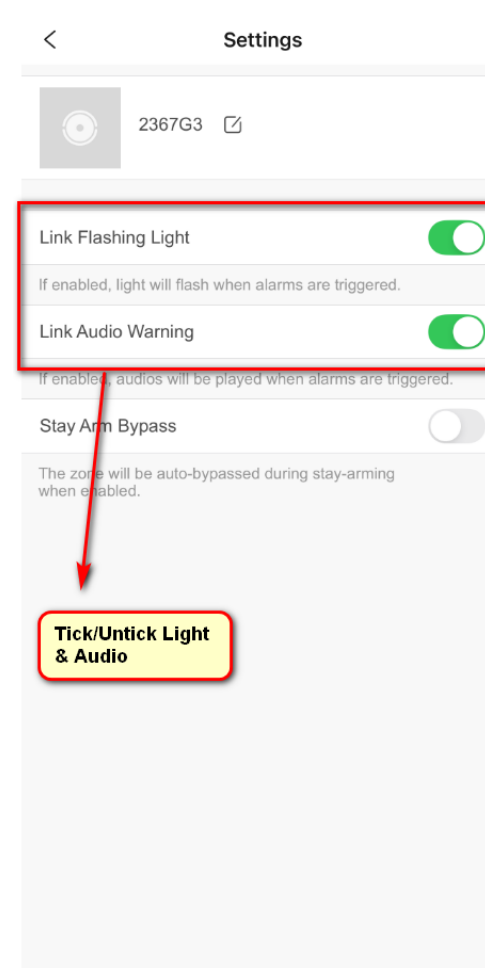
#### Step 1: Click on bell icon



#### Step 2: Click on camera to set up



#### Step 3: Turn on/off Audio and Light

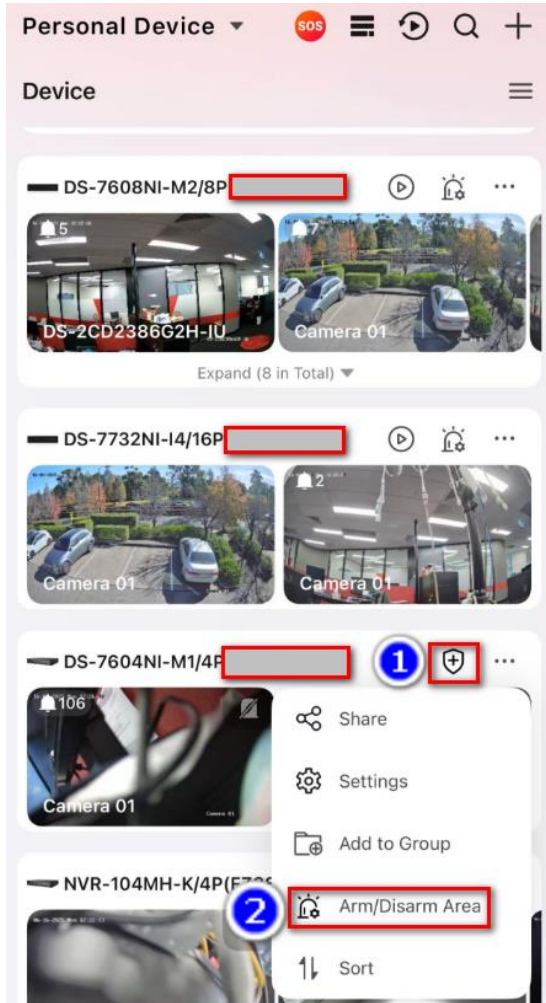


Note: End user/SI can enable/disable Audio and Light on HC (Same as V5.04)

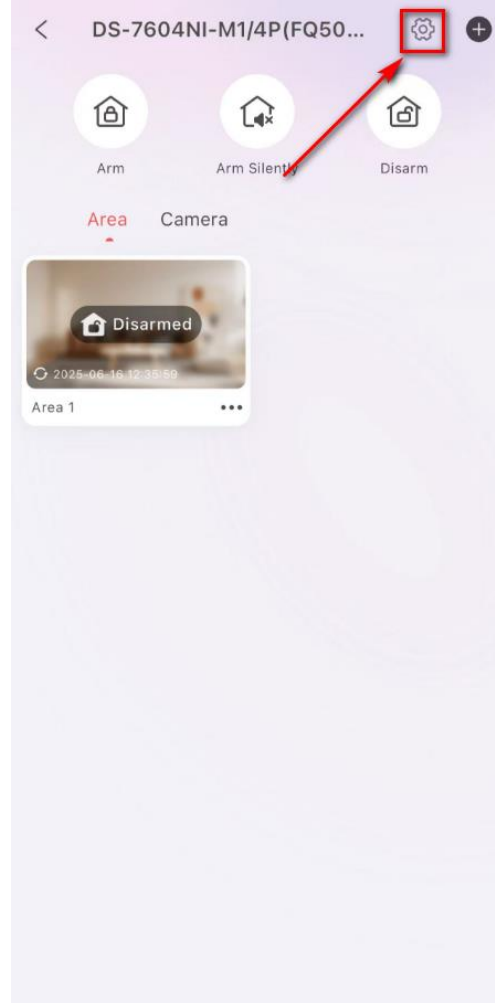
## Liveguard Function in Hik-Connect Comparison

### 3. Turn on/off audio & light on HC – V5.04 (New Version)

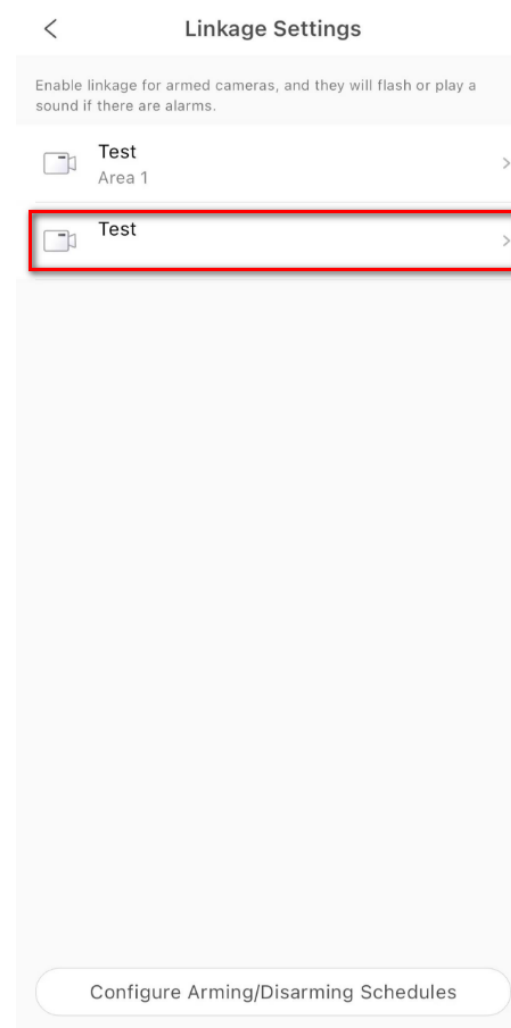
Step 1: Click on shield icon



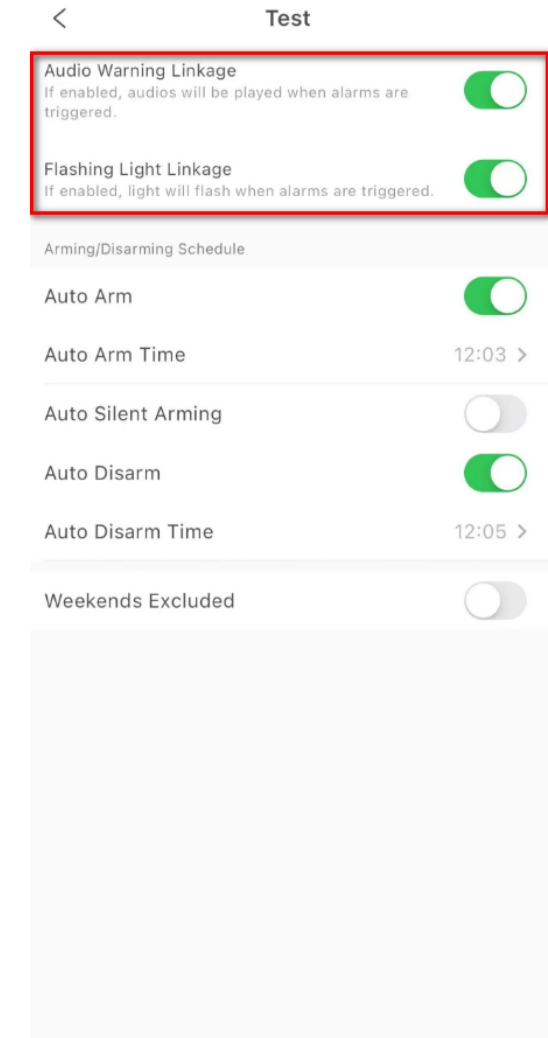
Step 2: Click on gear icon to set up



Step 3: Select camera



Step 4: Turn on/off Audio and Light



Note: End user/SI can enable/disable Audio and Light on HC (Same as V5.03)

# Liveguard Function in Hik-Connect Comparison

## 4. Scheduled Arm – V5.03 (Old Version) supports **area** scheduled arm/disarm

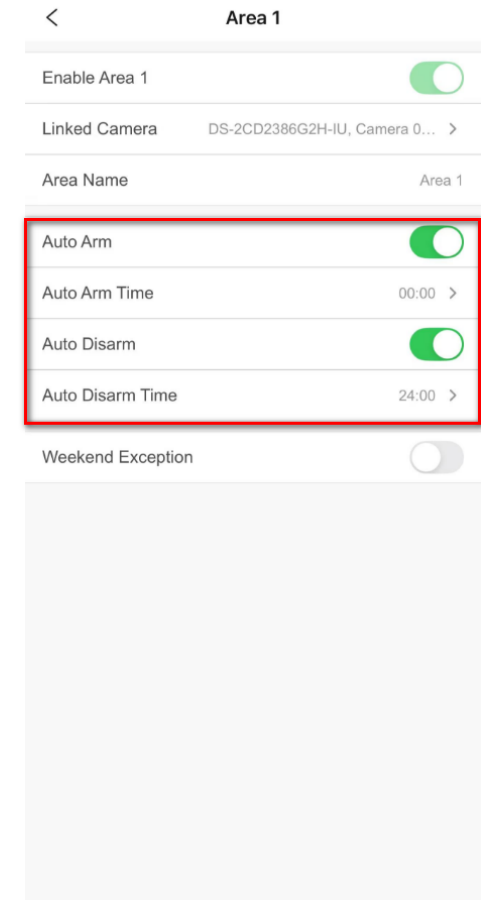
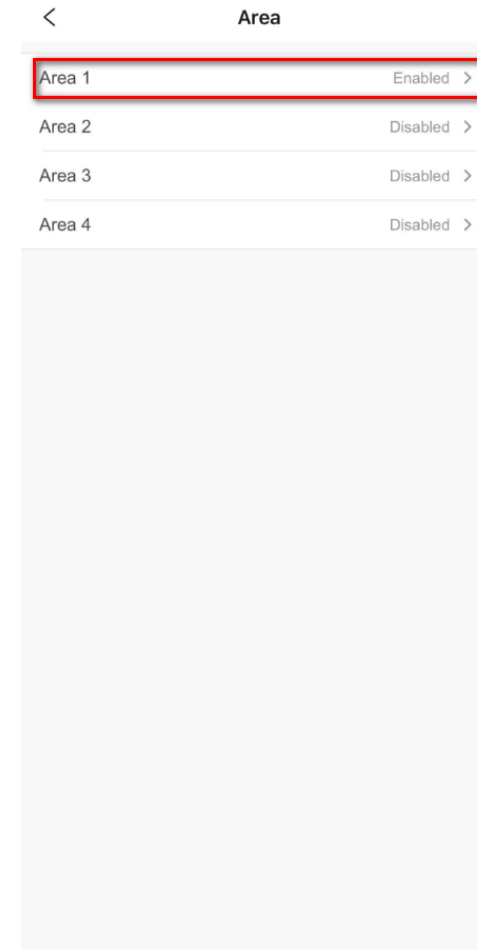
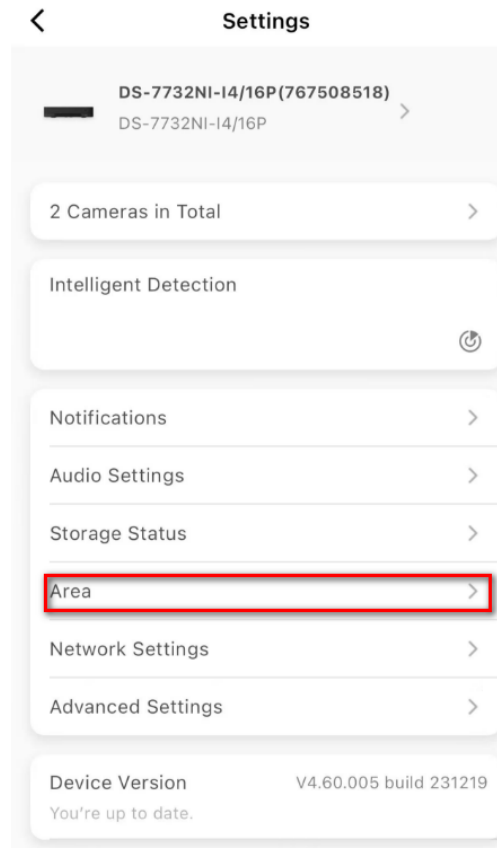
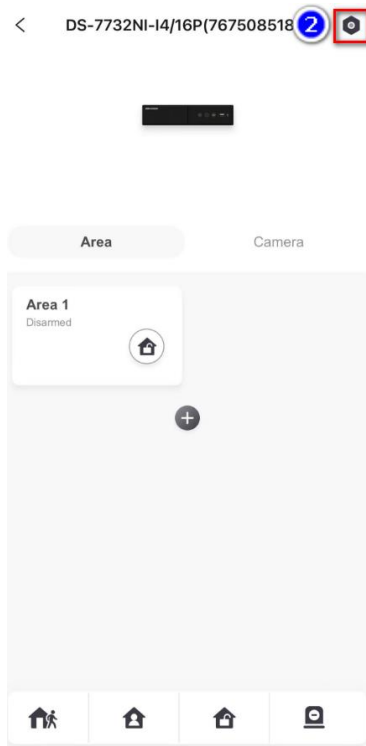
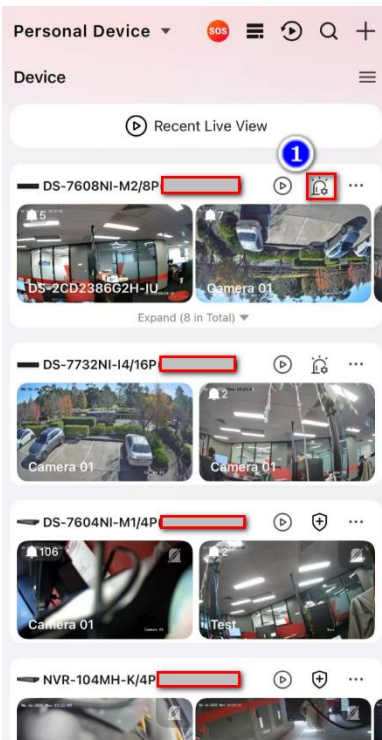
Step 1: Click on bell icon

Step 2: Click on gear icon

Step 3: Click on area

Step 4: Click on area to set up

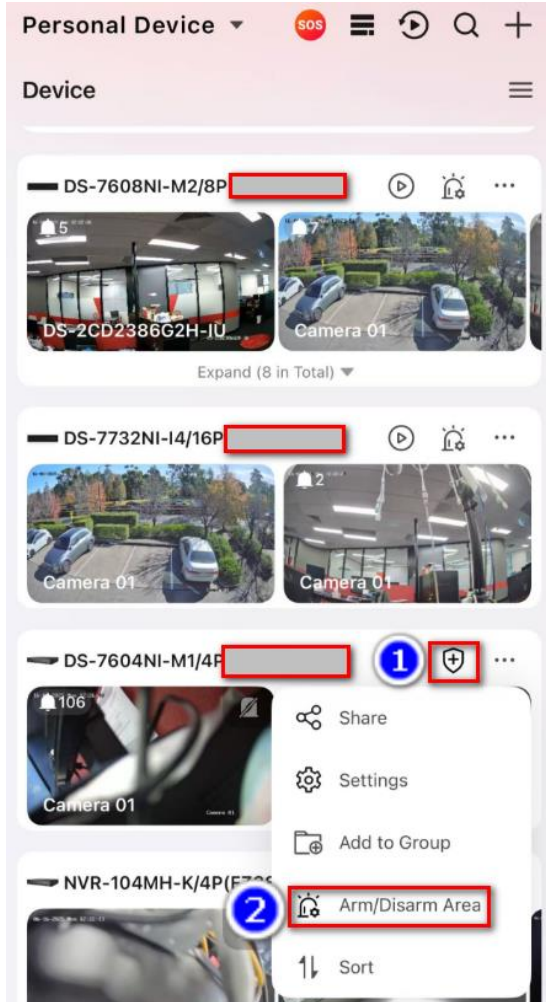
Step 5: Set up Auto arm/disarm schedule



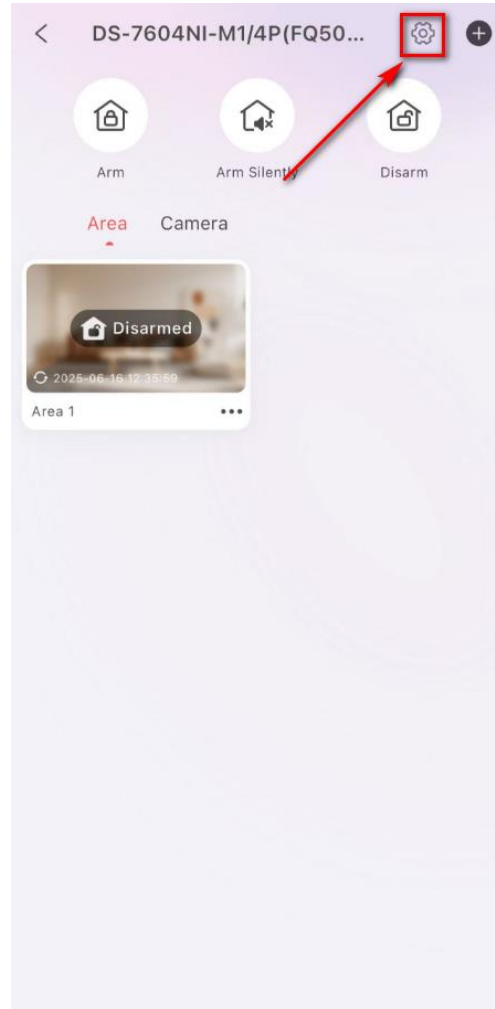
## Liveguard Function in Hik-Connect Comparison

### 4. Scheduled Arm – V5.04 (New Version) supports camera scheduled arm/disarm

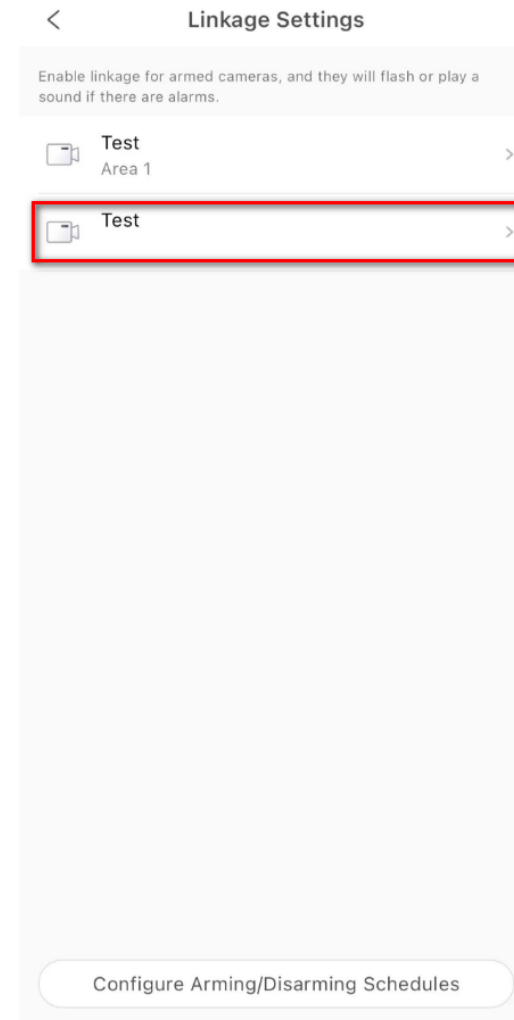
Step 1: Click on shield icon



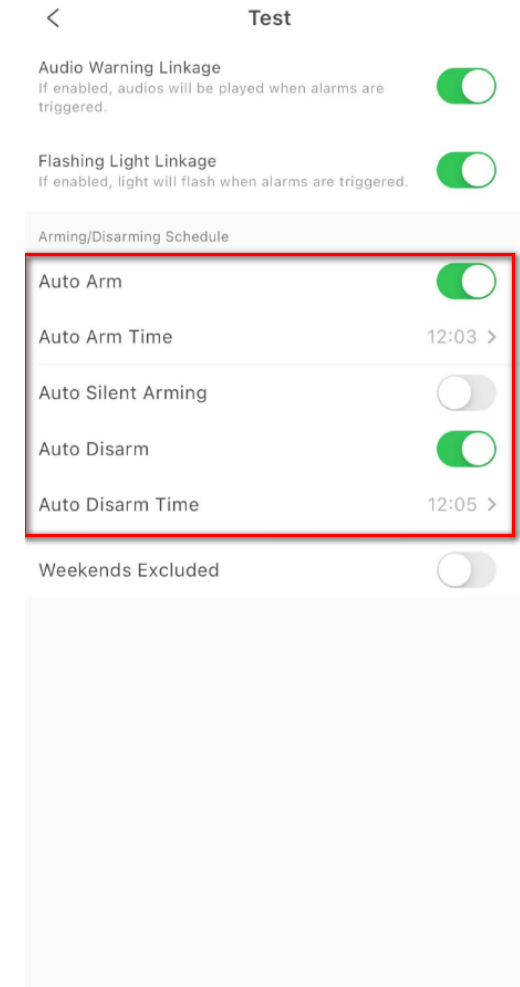
Step 2: Click on gear icon to set up



Step 3: Select camera



Step 4: Set up auto arm/disarm schedule



### New Firmware Features

1. We can do auto silent arm now
2. We can set up auto arm schedule for each individual camera now

# Liveguard Function **New Features – Arm/Disarm IP Speaker**

## Step 1: Add IP speaker and link to the camera

Add Device

×

List of Online Devices (0)

Refresh

No.	IP Address	Device Model	Status	Protocol ...	Mana...	Se
No data.						

IP Address\*

192.168.88.6

Test

Device Name\*

Speaker 01

Protocol

HIKVISION

Management Port\*

80

User Name

admin

Password

Custom

••••••

Link Video Channel

Select All

Default Group

[D1] Test

[D2] Test

[D3] IPCamera 03

[D4] IPCamera 04

OK

Continue to Add

Cancel

## Step 2: Tick IP Speaker Linkage and select Audio Sample

Generic Event

Target Event

Perimeter Protection

Abnormal Behavior Event

Thermal Imaging Event

AIOP Event

Alarm Input

Audio Event

Access Control Event

Other Events

Sub E

1

Line Crossing ...

Intrusion Dete...

Region Entran...

Region Exting...

Rule Configuration

Arming Schedule

Linkage Method

2

Notify Surveillance Center

Alarm Pop-Up Window

Buzzer

Send Email

Voice Prompt

PTZR

[D1] Test

No Linkage

Please select.

Other Linkages

Record	Alarm Output	Audio and Light Alarm Linkage
<div>Select All</div> <div>[D1] Test</div> <div>[D2] Test</div> <div>[D3] IPCamera 03</div> <div>[D4] IPCamera 04</div>	<div>Select All</div> <div>Local-&gt;1</div> <div>[D1]Test</div> <div>[D1]Test-&gt;1</div>	<div>Select All</div> <div>[D1]Test-&gt;Light</div> <div>[D1]Test-&gt;Audio</div> <div> <div>[Speaker1]Network S...</div> <div>TALICE.mp3</div> </div>

3

Tick IP Speaker Linkage and select Audio sample

Save

**New Firmware Optimization V5.04 (New)**



# New Firmware Optimization



Some issues & requirements found on current GUI5 FW V5.03

- 4ch doesn't support IP speaker -> **V5.04 Fixed**
- 4ch doesn't support playback by human/vehicle from HC -> **V5.04 Fixed**
- 4ch doesn't support disable POE from NVR web page (temp solution: to disable POE from NVR local GUI) -> **V5.04 Fixed**
- GUI5 doesn't support adding IP intercom with Hikvision protocol (temp solution: using RTSP to add video stream) -> **V5.04 Supports adding door station via Hikvision Protocol**
- HPP time sync issue (Adding NVR to HPP site results in time zone confusion) -> **V5.04 Fixed**

