

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	1 of 12
Action Required:	Information Only				

Introduction

AcuSense Live-Guard Solution works as an arming/disarming solution via APP/NVR alarm input interface. The main function includes Away Arm, Stay Arm, Dis-Arm, Clear Arm, etc. This technical bulletin will explain how to configure the NVR local menu to ensure the solution works properly.

Device and Firmware

Device: NVR + Acusense Live Guard camera (the figure below) + Hik-Connect (V4.5 or above)

Firmware version: camera: 5.5.150_201102

NVR: V4.40.010_200911

AcuSense Live Guard Cameras

			
20 Series Mini Bullet	23 Series Turret	2T Series Bullet	26 Series VF Bullet
DS-2CD2046G2-IU/SL	DS-2CD2386G2-ISU/SL DS-2CD2346G2-ISU/SL	DS-2CD2T86G2-ISU/SL DS-2CD2T46G2-ISU/SL	DS-2CD2686G2-IZSU/SL DS-2CD2646G2-IZSU/SL

I series NVR



DS-7608NI-I2/8P
DS-7616NI-I2/16P

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	2 of 12
Action Required:	Information Only				

Functions & Concepts

- Away Arm:

This function is designed for the scenario that no person is in the detection area and the user want **ALL** cameras in the arming status. Any triggered event (Motion/Line crossing/Intrusion) will push a notification to the user's APP.

- Stay Arm:

This function is suitable for the scenario when users want **Selected** cameras in the area to be armed. The rest of cameras that are not selected will NOT be in the arming status so that no unneeded alarm event will be triggered.

- Dis-Arm:

This function is suitable for the scenario that when users want to disarm **All** cameras. Once dis-arm mode is being activated, no alarm will be triggered and no notification will be pushed to the APP.

- Clear Arm:

This function is used to cancel the alarm that is being triggered. Once this button is tagged, all currently running alarms will be stopped at once.

- Stay Arm Bypass: Stay Arm Bypass

The Stay Arm Bypass switch button can only be activated in Stay Arm mode. It can adjust (on/off) the arming status of each camera. If the function is turned on, then in Stay Arm mode, this camera will not trigger any alarm or notification. But in Away Arm mode, this function does not take effect, the camera will still in the arming status.

- Area: It is a subsystem that can contains multiple cameras.
- Camera: Every camera should be added in a certain area and be treated as an alarm system sensor.

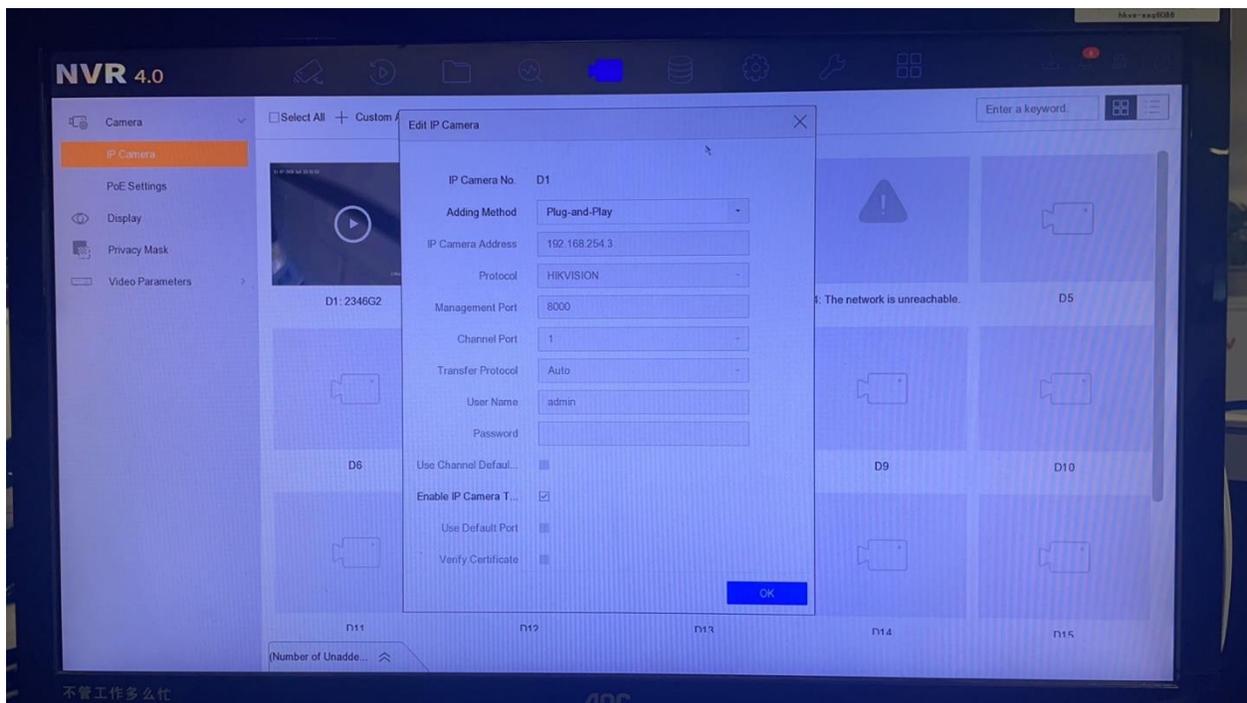
Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera	Page:	3 of 12		
Action Required:	Information Only				

NVR Configuration

Now Acusense Live-Guard Solution supports arming/disarming Gen 2 AcuSense live guard models with alarm input 1 on Hikvision I series NVR. It needs Open/Close Switch to arm/disarm the system. (Push button is another different trigger way.) Here is the introduction for the NVR configuration.

Step1: Camera Add

Adding AcuSense Live Guard cameras on the NVR is identical to other Hikvision camera-NVR configuration. Camera can be added it via manual or plug and play mode.



Step2: Alarm Event Configuration

Three events are supported: Motion event/Line crossing event/Intrusion event.

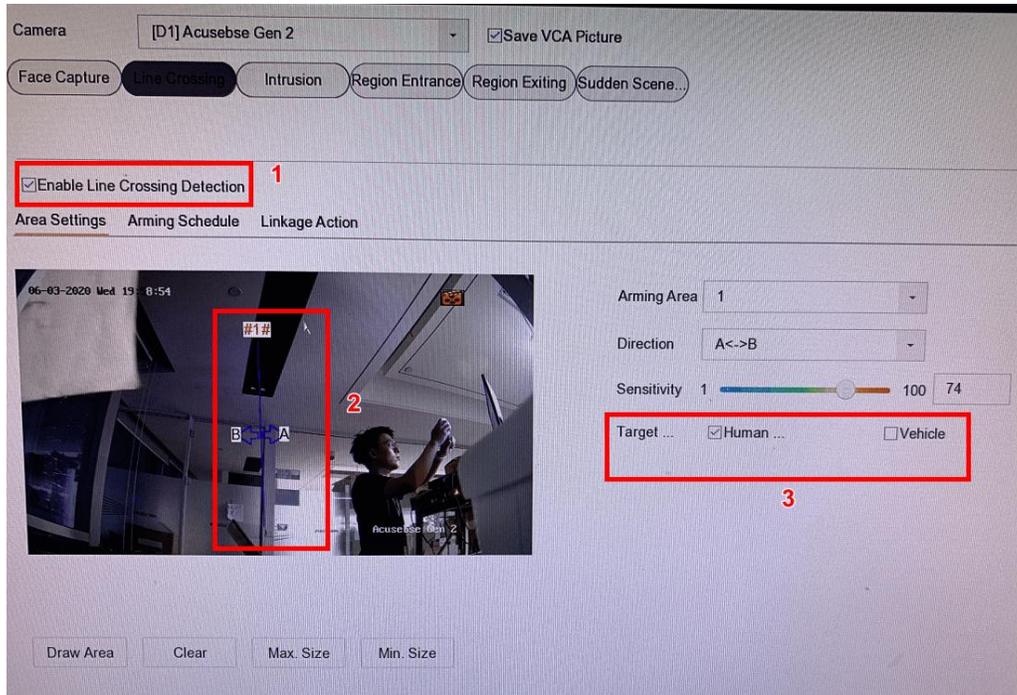
Here we take 'line crossing event' as an example:

1. Enable this function

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera	Page:	4 of 12		
Action Required:	Information Only				

2. Draw the detection area (line)

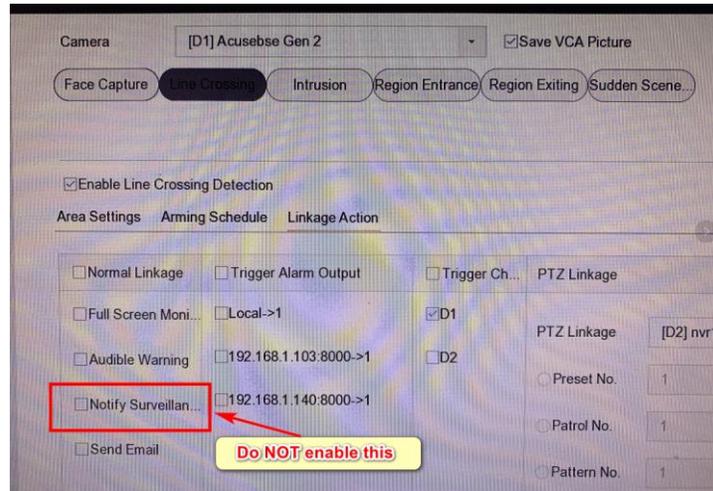
3. Select the target type



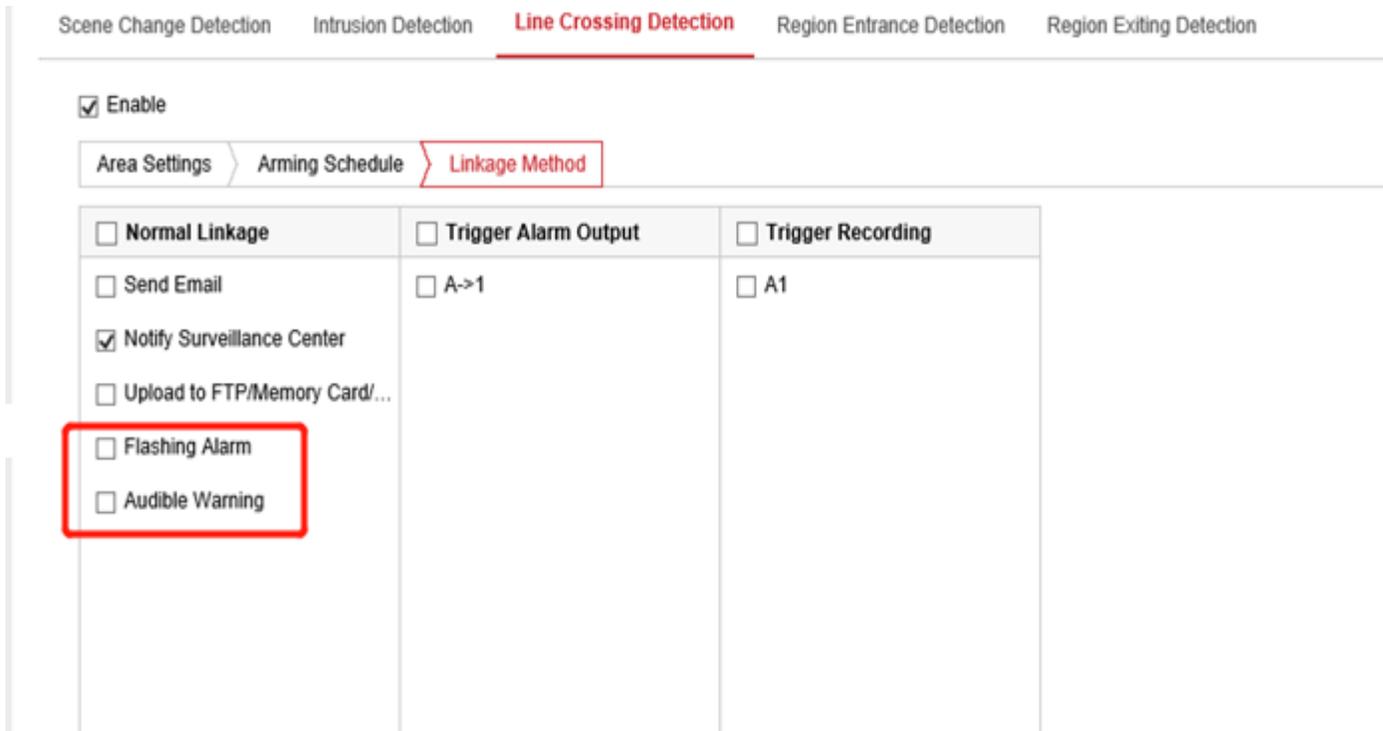
Step3: Configure the alarm event type

Do NOT enable the notify surveillance center function. Leave all the other settings as default.

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera	Page:	5 of 12		
Action Required:	Information Only				



Step4: Untick camera linkage flashing and Audible Warning on camera web page

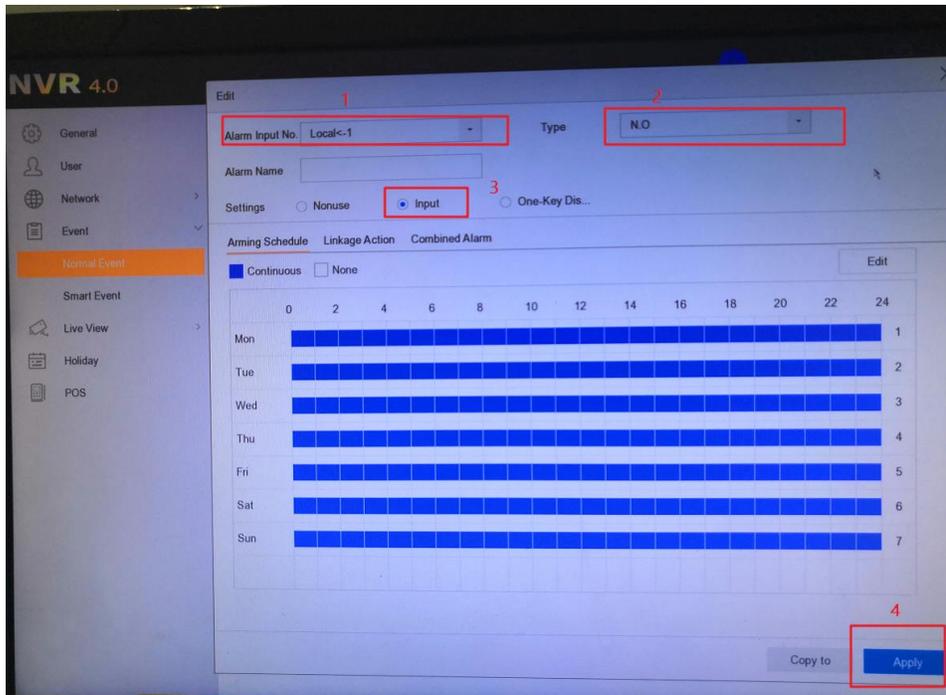


Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	6 of 12
Action Required:	Information Only				

Step5: Alarm and dis-alarm on the NVR

Go to 'Normal event-Alarm Input' event,

- 1, choose Local<-1;
- 2, set Type as N.O.; (signal detected = arm; no signal detected = disarm)
- 3, choose 'Input';
- 4, click 'Apply';



The steps above show how to configure on the NVR. Please make sure the Hik-Connect APP is V4.5 or above before doing configuration on NVR and Hik-connect APP.

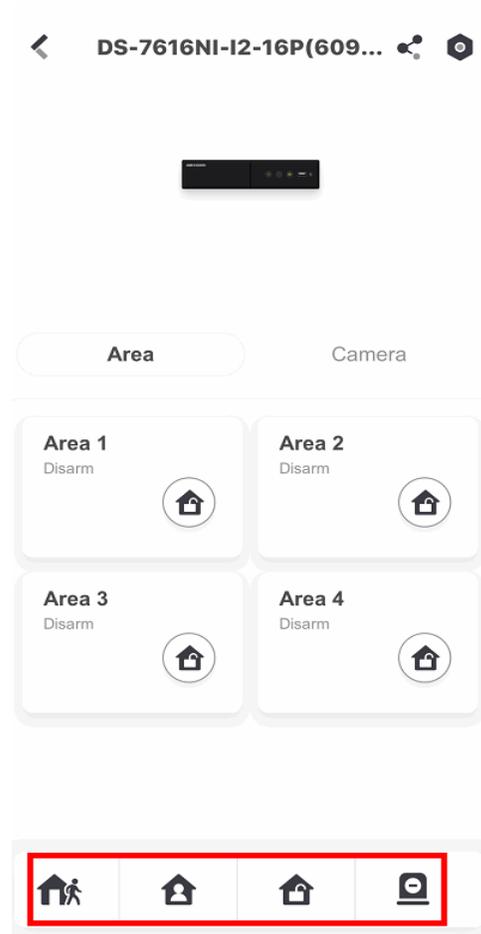
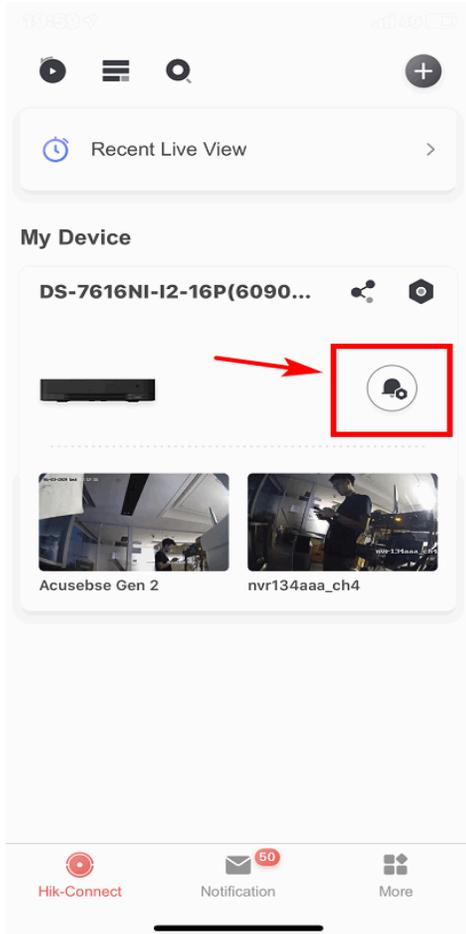
Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	7 of 12
Action Required:	Information Only				

Hik-Connect Configuration

Alarm event type configuration

Click the alarm button then it will go to the alarm system menu. On the bottom of this menu, it shows the four main functions in this system (Away-arm/Stay-arm/ Dis-arm/Clear arm).

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	8 of 12
Action Required:	Information Only				



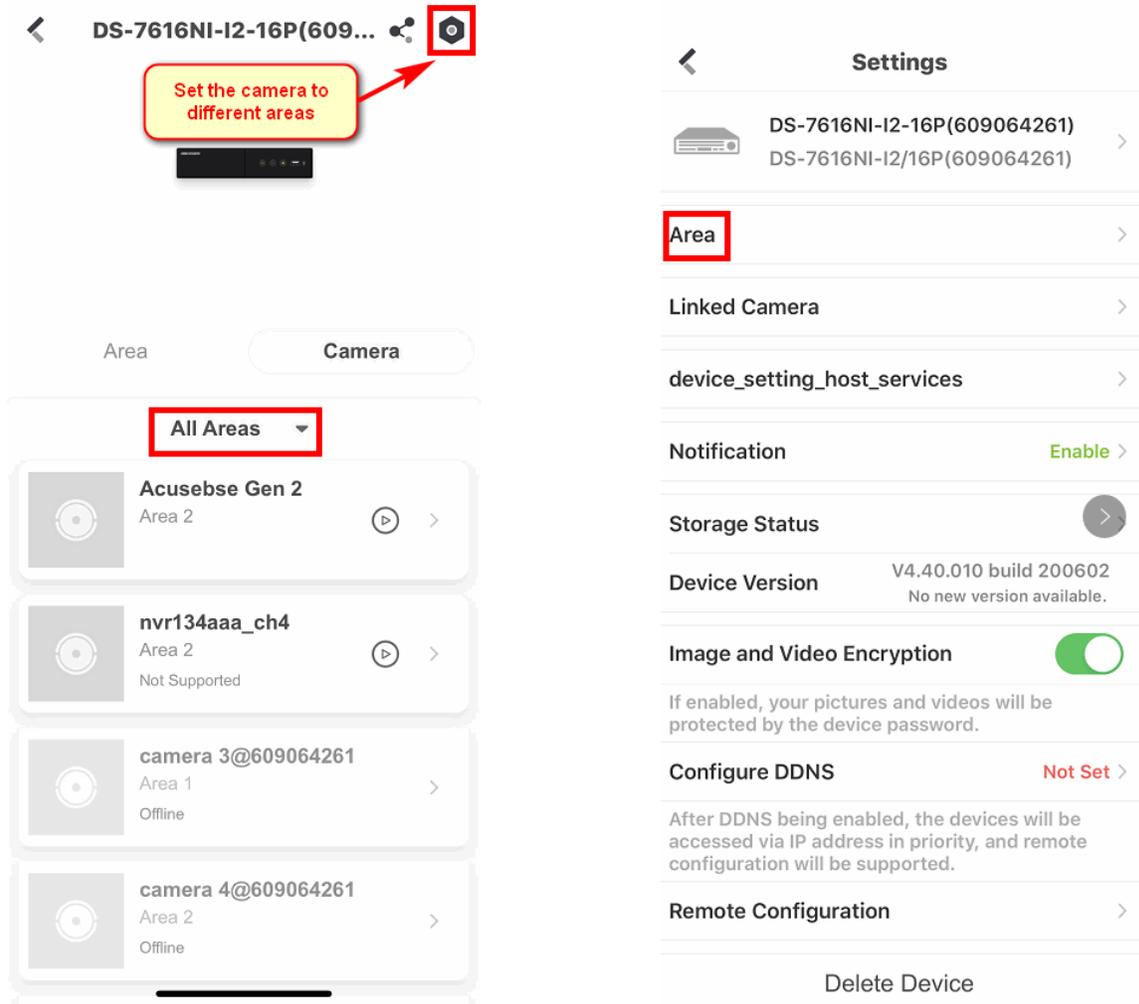
Camera-Area configuration

In the area menu, user can set area mode of each area. The solution supported up to 4 areas.

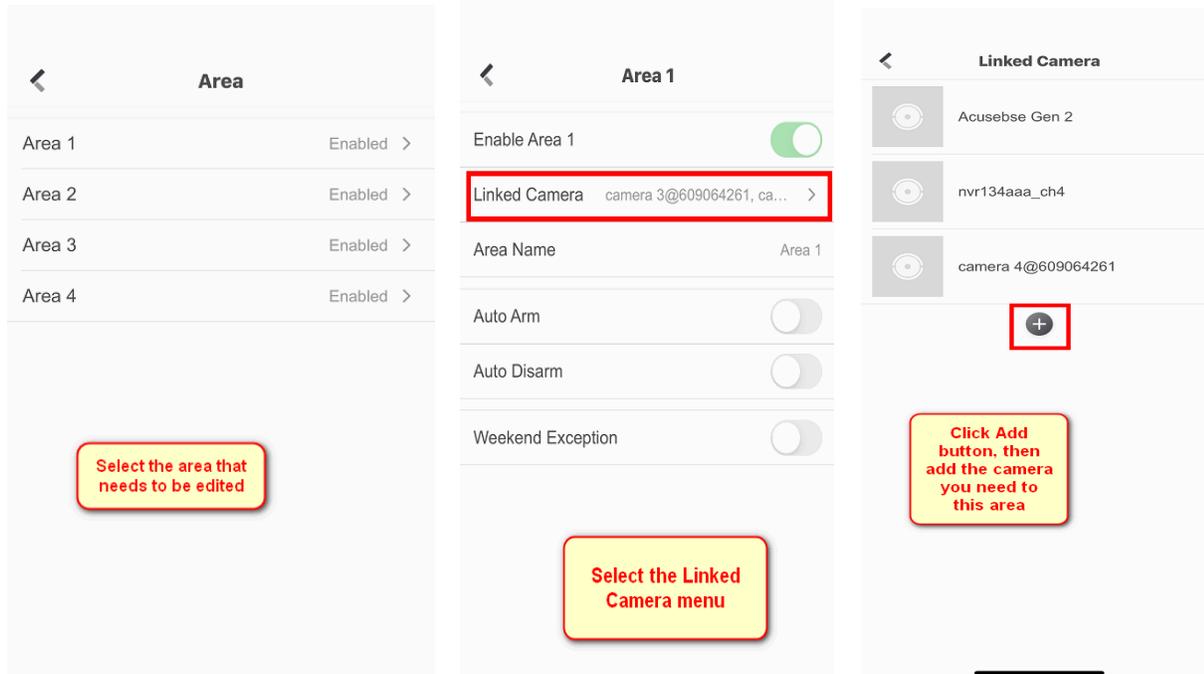
In the camera menu, users can see cameras list in all areas or the area that be selected. All cameras are added to area 1 by default.

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	9 of 12
Action Required:	Information Only				

If the user need to add/relocate cameras to area 2 or 3 or 4, simply click on the setting button  on the right top corner:



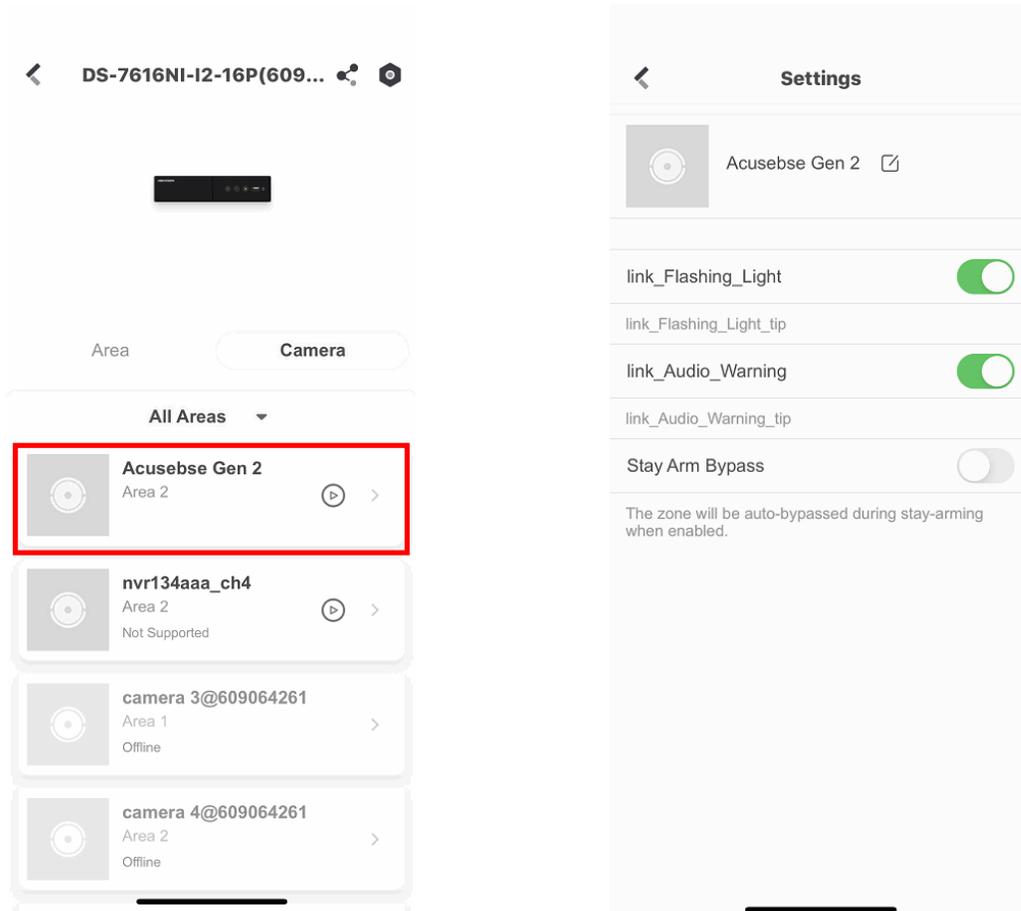
Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	10 of 12
Action Required:	Information Only				



Alarm Linkage Configuration

1. On camera list page, click the camera to access configurations.

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	11 of 12
Action Required:	Information Only				



There are two linkage actions for each camera: Flashing light and Audio Warning. If these functions are enabled, it means that there will be flashing light and audio warning when event is triggered.

Stay Arm Bypass function is disabled by default. When it is disabled, the selected camera will still be in arming status in Stay Arm mode, which means the alarm will still be triggered, including flashing light, audio warning and pushing notification in APP.

On contrast, when Stay Arm Bypass function is enabled, the selected camera will NOT be in arming status. The event will not trigger any linkage action, includes flashing light, audio warning, pushing notification in APP.

2. Clear triggered alarm

When the alarm is being triggered and received, the clear arm function can terminate the linkage alarm immediately. But the notification will still be shown in the log.

Title:	Configuration for Live-guard solution.	Version:	v.1.0	Date:	Nov. 2020
Product:	NVR, Acusense camera			Page:	12 of 12
Action Required:	Information Only				

