Person Arming Function Configuration Guide

When the device detects the armed person in the monitoring scene, it triggers alarms and tracks the target. During the tracking, the target location and other related information are uploaded.

1. Select VCA Resource.

It is necessary to select the VCA resource as Person Arming. Save and restart the device to enable the function.
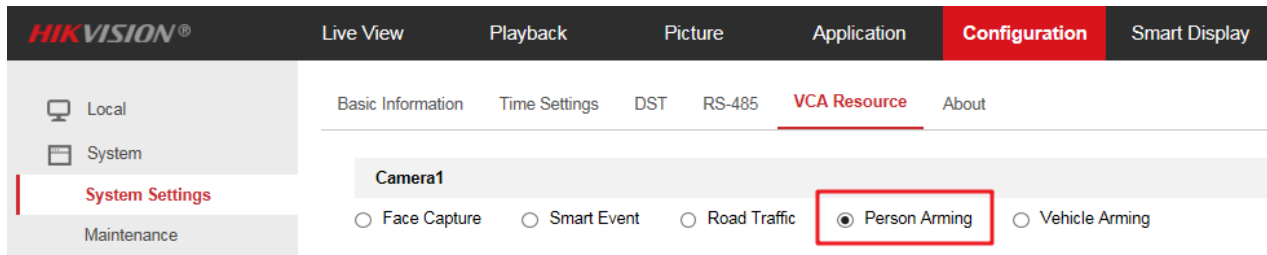
2. Multi-Target-Type Detection Configuration.

1) Enter 【Configuration】 - 【Multi-Target-Type-Detection】 - 【Rule】 and check the checkbox to enable the function.
2) Select a configuration mode as Normal or Expert.
   Normal Mode: You set general Min. Pupil Distance and Mounting Height for all scenes.
   Expert Mode: You are allowed to set specific parameters for different detection scenes.

3) Set up detection areas.
   a) Input mounting height of the camera.
   b) Click **Lock** to lock PTZ. During Locked time, PTZ can only be controlled by you.
   c) (Expert Mode)Select a Detection Scene from the list.
   d) (Expert Mode)Adjust the live image to a desired scene via PTZ control panel.
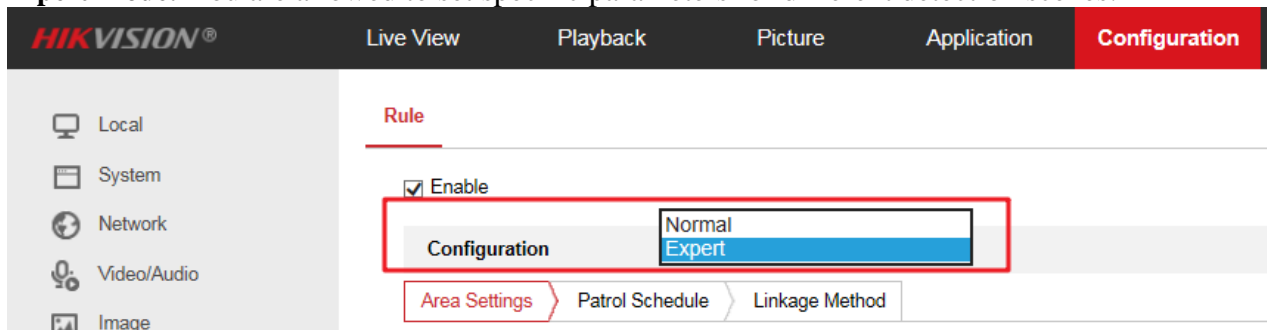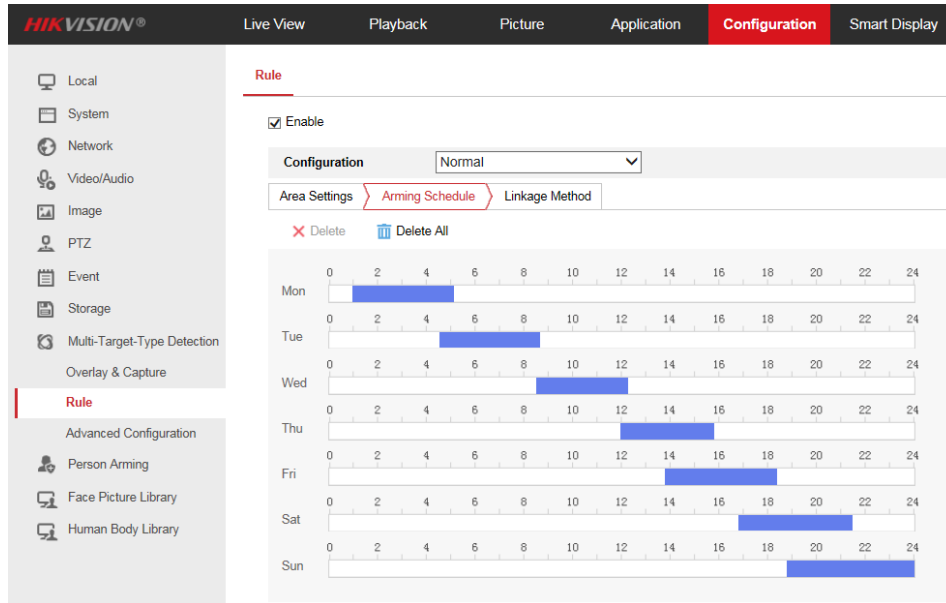   e) Click ⬡ and draw detection area on live image.

![HIKVISION]

Title:	Person Arming Function Configuration Guide	Version:	v1.0	Date:	05/11/2020
Product:	DS-2DFxxxxIXS(T2), DS-2DFxxxxIHS(T2) devices above V5.5.40 version			Page:	2 of 9

f) Click ⬜ and draw Min. Pupil Distance of this scene.

g) (Expert Mode)Repeat the steps to set other detection scenes.

h) Click **Save** to save the settings of current detection scene.
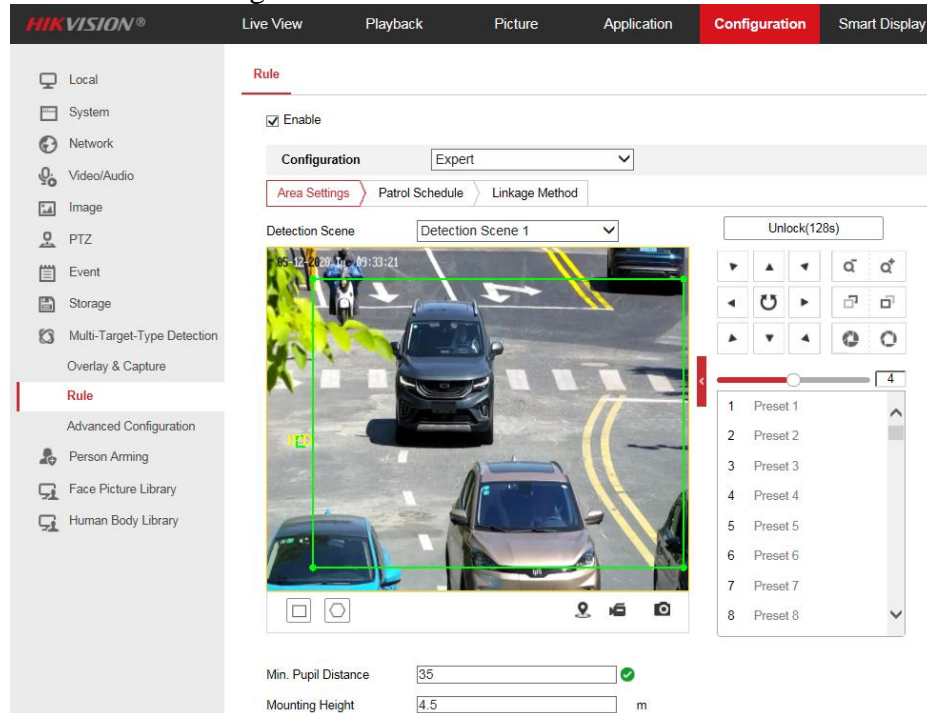
4) Set arming schedule in Normal Mode, or the patrol schedule in Expert Mode. In scheduled patrol time, the camera is ready to capture detected faces in set detection scenes.

a) Click **Patrol Schedule** tab.

b) Draw blue time bar.

c) (Optional) You can copy the settings of a day to other days by click 📋 on right end of the time bar.

5) Set up linkage method according to your actual needs.
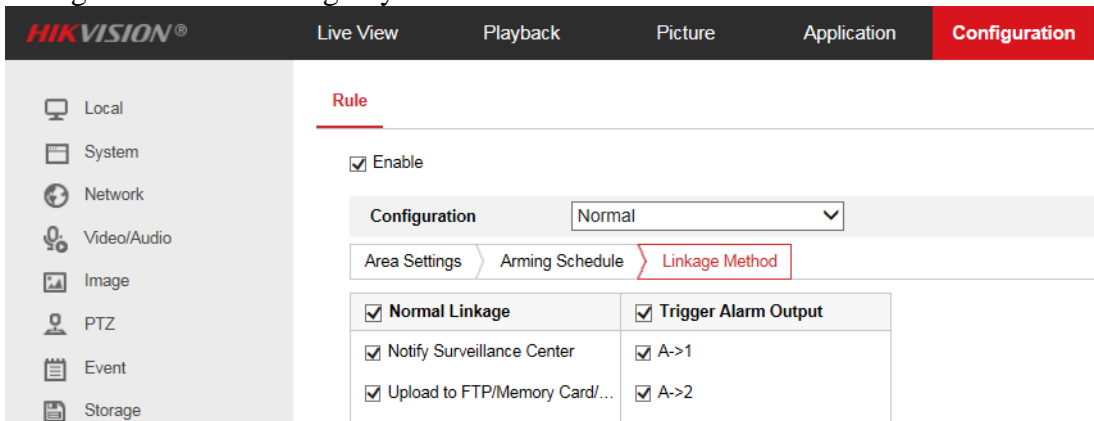
3. Face Picture Library Configuration.

1) Configure face picture library via web browser.

a) Click ➕ to add a face picture library, input library name, threshold and remarks. Face similarity higher than the set threshold triggers face picture comparison alarm uploading.
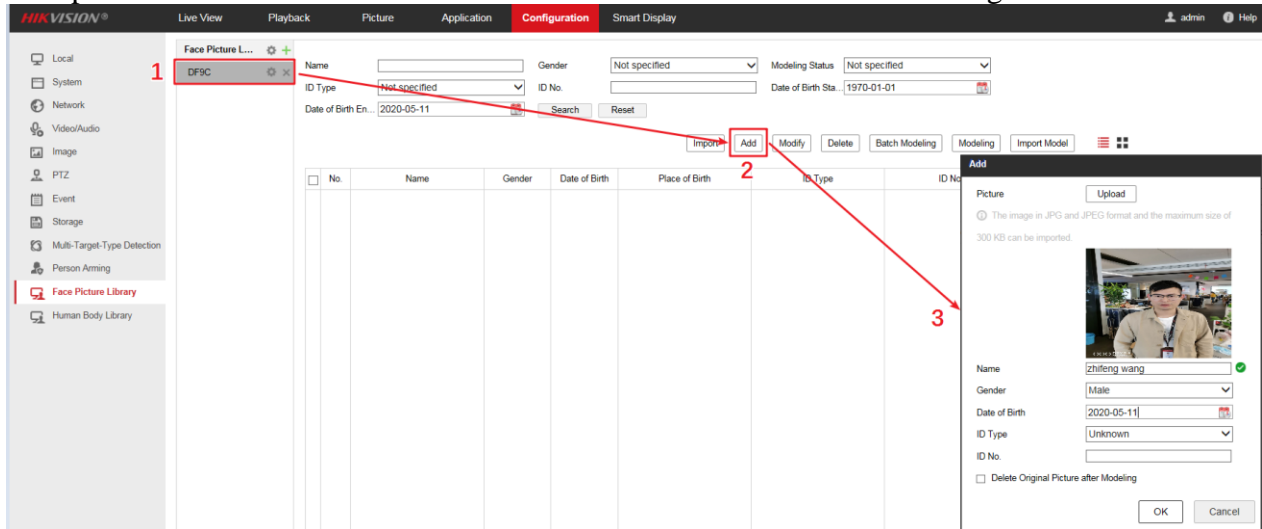
b) Select a face library, click **Add**, upload the picture and specify detailed information of the uploaded face. Picture format shall be JPEG. Click **OK** to save the setting.
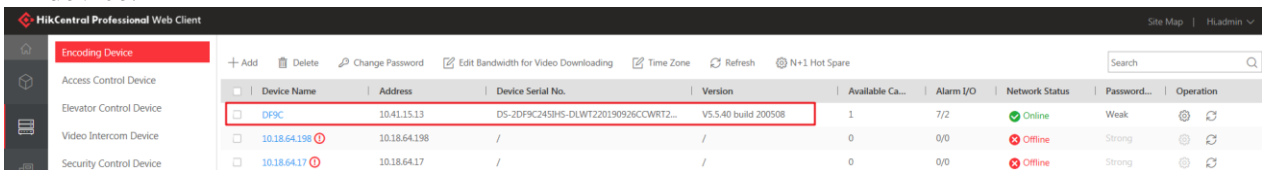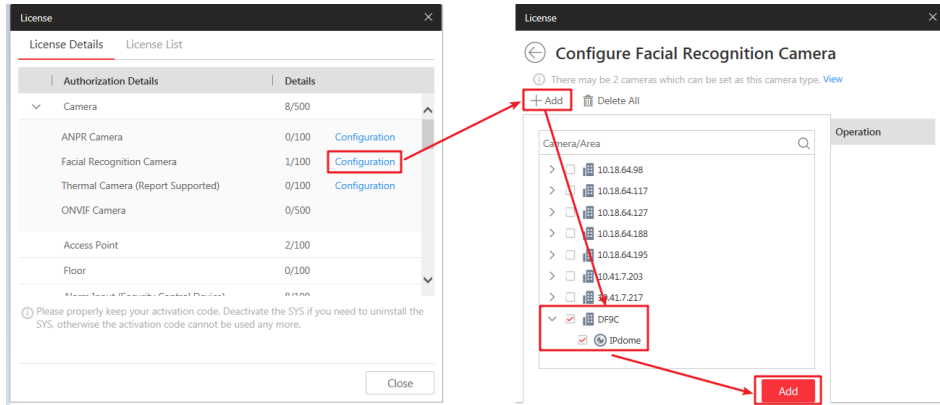

c) Repeat the steps to add multiple person.
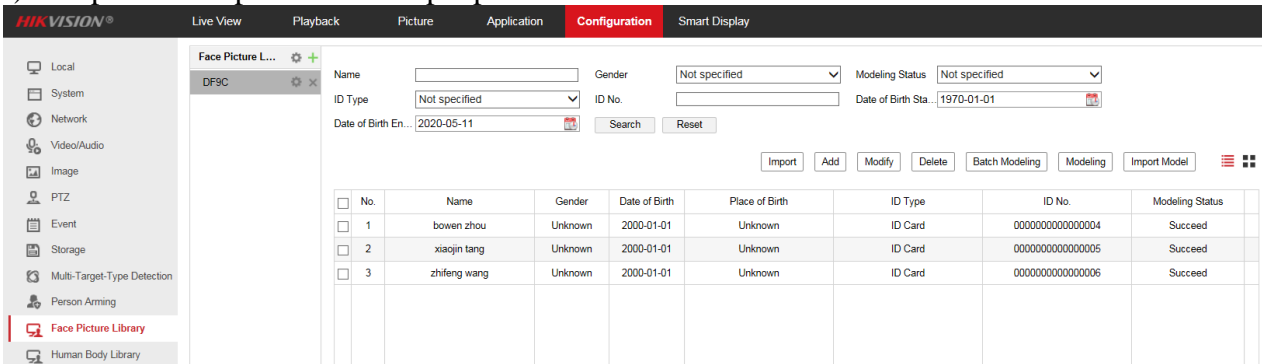
2) Configure face picture library via HikCentral Professional platform.

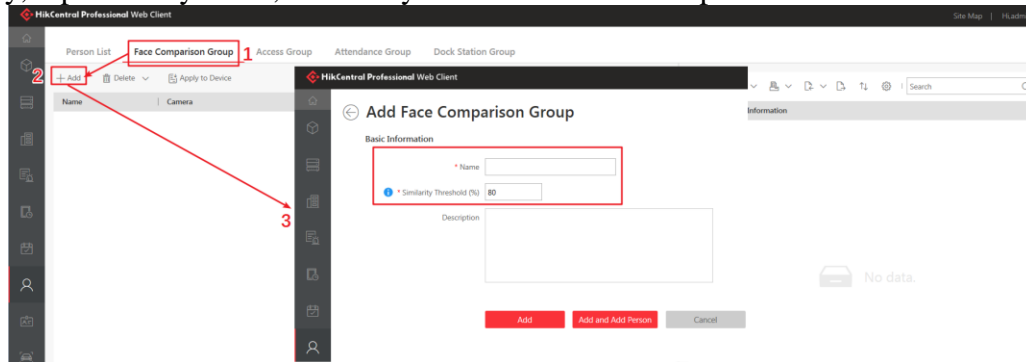a) Log in to HikCentral Professional Web Client, enter 【Home】-【Physical View】and add the device.

b) Click **License Details** on the home page of the web client. Choose **Facial Recognition Camera**, click Configuration and add the device.
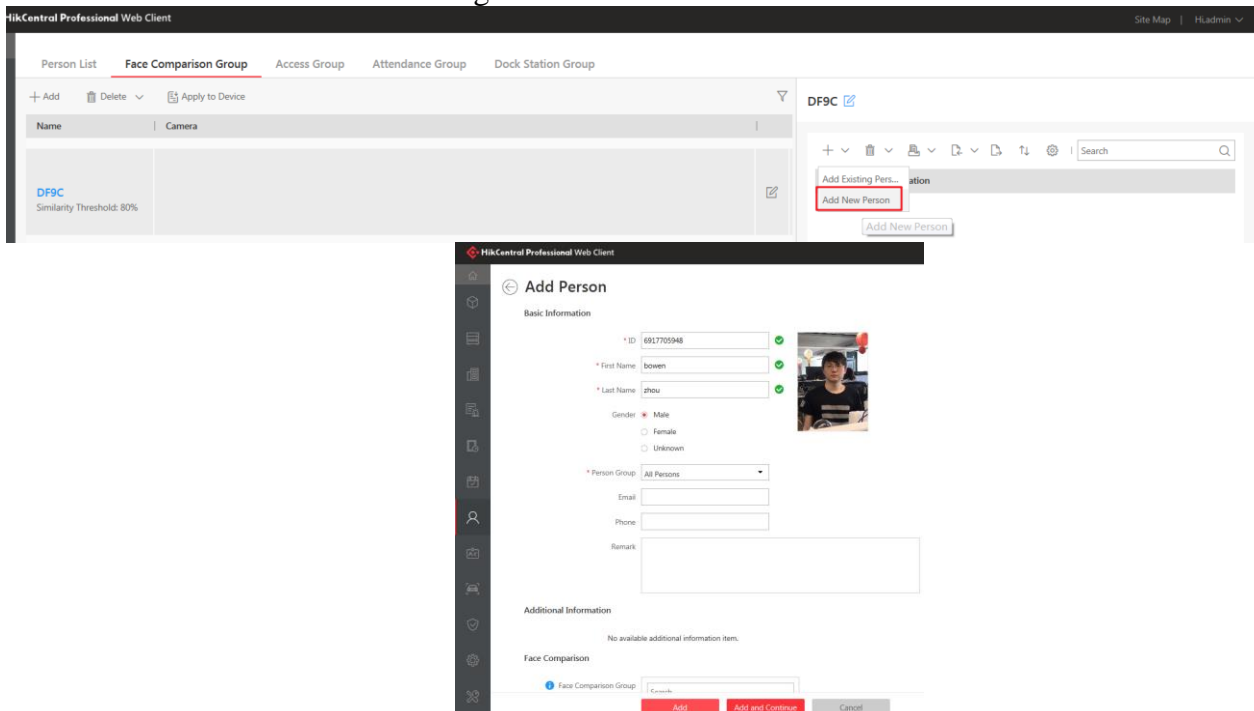
c) Enter 【Home】-【Person】and click **Face Comparison Group** tab. Click to add a face picture library, input library name, Similarity Threshold and Description.
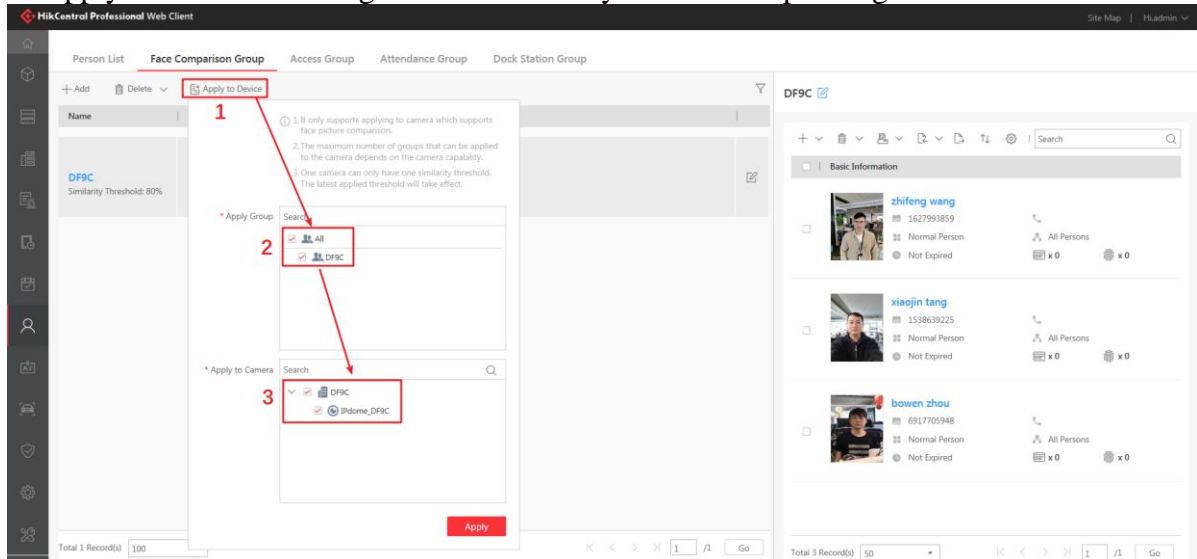

d) Select a face library, click +, upload the picture and specify detailed information of the uploaded face. Click Add to save the setting.

e) Repeat the steps to add multiple person.

f) Click Apply to Device to configure the face library to the corresponding device.

Note:

Supported picture size is no larger than 300K per file and shall be JPEG format.

4. Person Arming Configuration.

Note:

Complete Multi-Target-Type Detection settings in advance.

1) Enter 【Configuration】-【Person Arming】-【Basic Settings】and check the checkbox to enable the function.

2) Set the parameters for face picture comparison and arming.

a) Set the Face Grading Threshold for Detection and Max. Detection Time of Face. It is recommended to keep the default value.

b) Select the Library Type as **Face Picture Library**, and select a desired library.
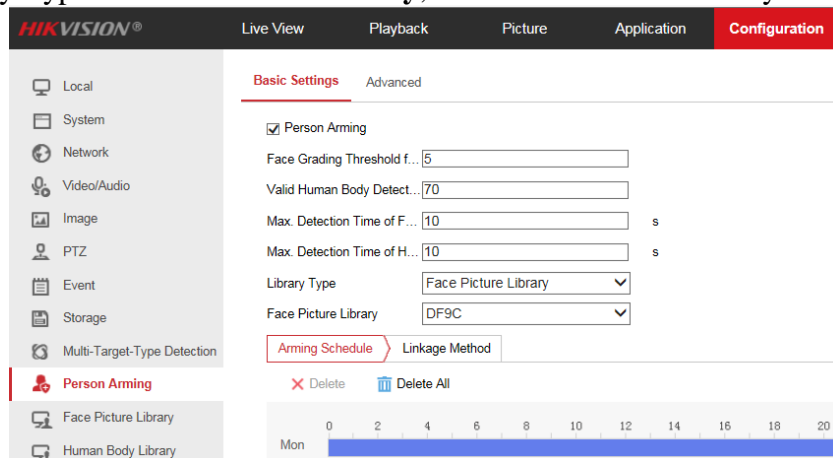
c) Set the arming schedule and linkage method for the selected library.

*Note:* The arming schedule and linkage method for different libraries are allowed to set independently.

3) Save the settings.

4) (Optional) Enter 【Configuration】- 【Person Arming】- 【Advanced】 interface. In advanced parameters, tracking settings and capture settings are available. It is recommended to keep the default value.
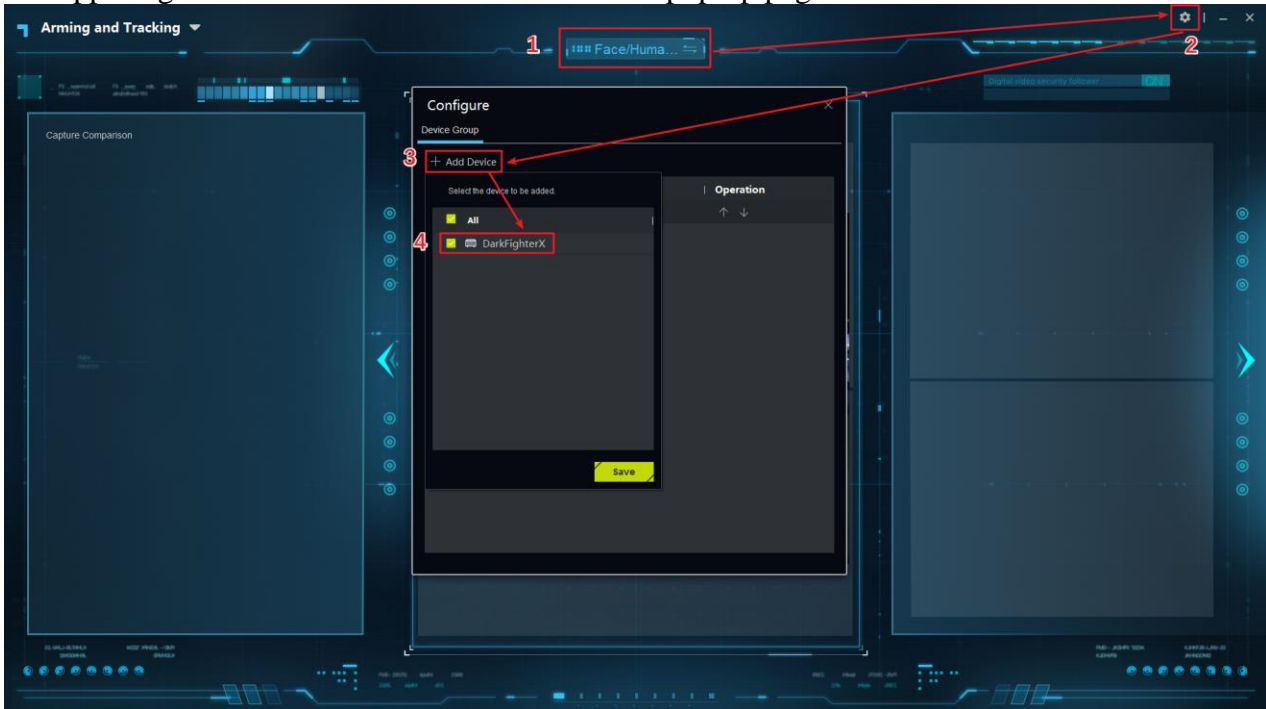
5. Person Arming Alarm.

When the device detects the armed person in the monitoring scene, it triggers alarms and tracks the target. During the tracking, the target location and other related information are uploaded.

1) Person Arming alarm on the iVMS-4200 Client.

    a) Enter the Device Management page and add the device.
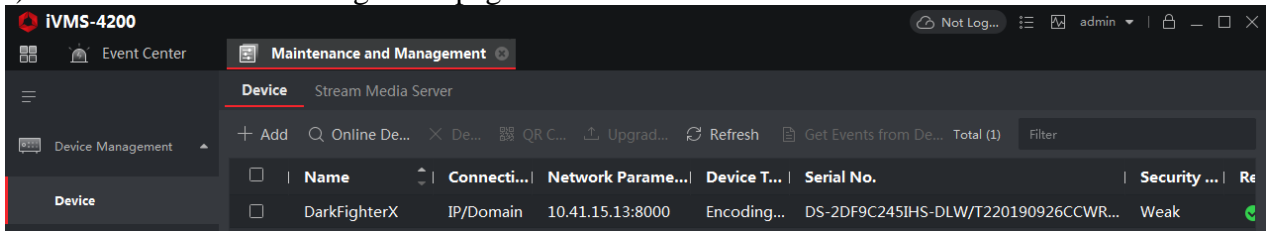
    b) Click to enter 【AI Dashboard】- 【Arming and Tracking】 page, click configuration button in the upper right corner and click **Add Device** in the pop-up page.
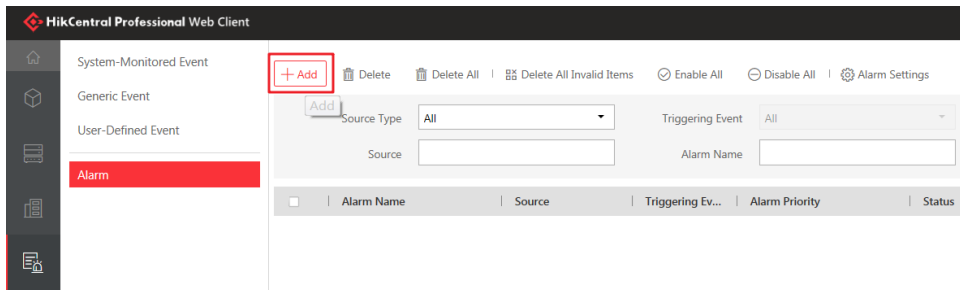

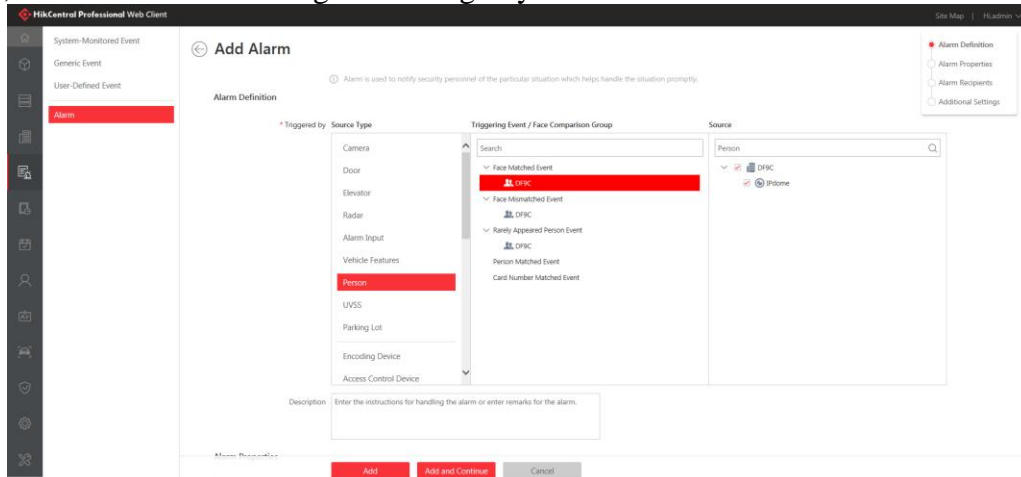   c) When the person in the library are recognized, the comparison result will display on the left side of the page.

2) **Person Arming alarm on the HikCentral Professional Platform.**

a) Log in to HikCentral Professional Web Client, enter 【Home】-【Event & Alarm】-【Alarm】 and click Add to add an alarm.


b) Set the Source Type as **Person**, Triggering Event / Face Comparison Group as **Face Matched Event**, Source and other settings according to your actual needs. Click add to save the setting.

c) Log in to HikCentral Professional Control Client, enter【Alarm Center】-【Face Comparison】 and left click on the camera to open the preview. When the person in the library are recognized, the comparison result will display on the right side and the alarm information on the bottom of the page.
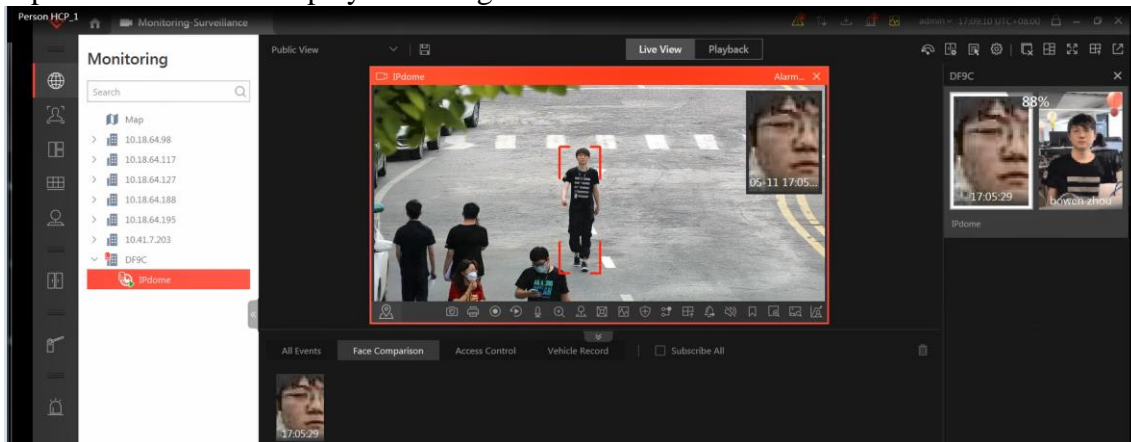
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