

## How to trigger smart tracking for thermal camera support PTZ

### Purpose

This document guides you how to trigger smart tracking function when VCA happens. Thermal Speed Dome and Thermal Positioning Systems support patrol tracking for multiple scenes.

### Steps:

1. Enter the VCA Information configuration interface, and check the checkbox to enable the Intelligent Analysis.

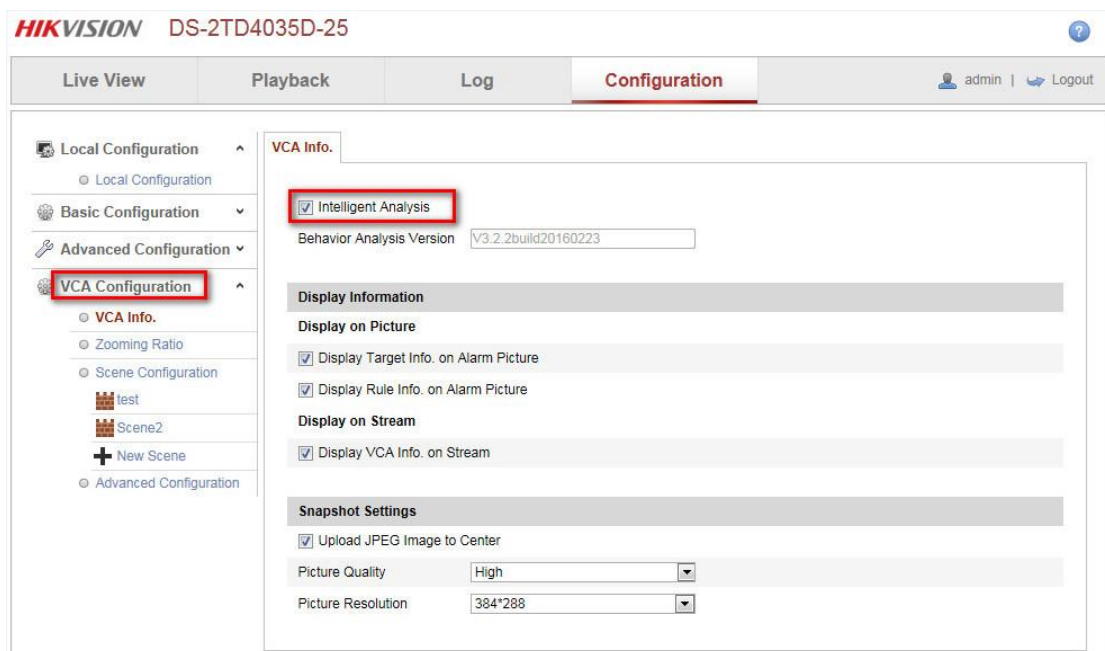


Figure 1

2. Set the appropriate tracking zooming ratio with the PTZ control panel. Click on “Save Zooming Ratio” button to save the settings.

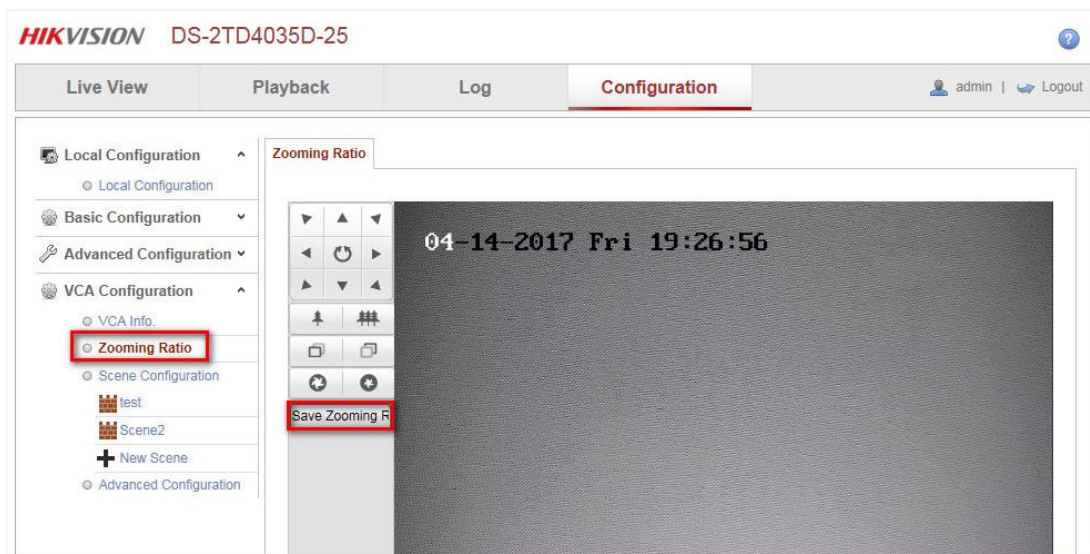


Figure 2

### 3. Configure the Scene:

I assume that thermal camera needs two scenes for test.

- 1) Create a new scene
- 2) Control the PTZ to get the required scene
- 3) Set the scene parameters (take key parameters for example):

**Enable Track:** Check the checkbox to enable the tracking function for the scene.

**Patrol Sequence:** Set the sequence for the scene when doing patrol tracking. If the sequence is selected as 0, this scene will not be configured for patrol tracking

**Duration:** Set the dwell time of the scene when doing patrol tracking. The VCA will be enabled during the period.

**Tracking Duration:** Set the duration of the single tracking. If the value is selected as 0, the speed dome will keep tracking till the target moving out of the view.

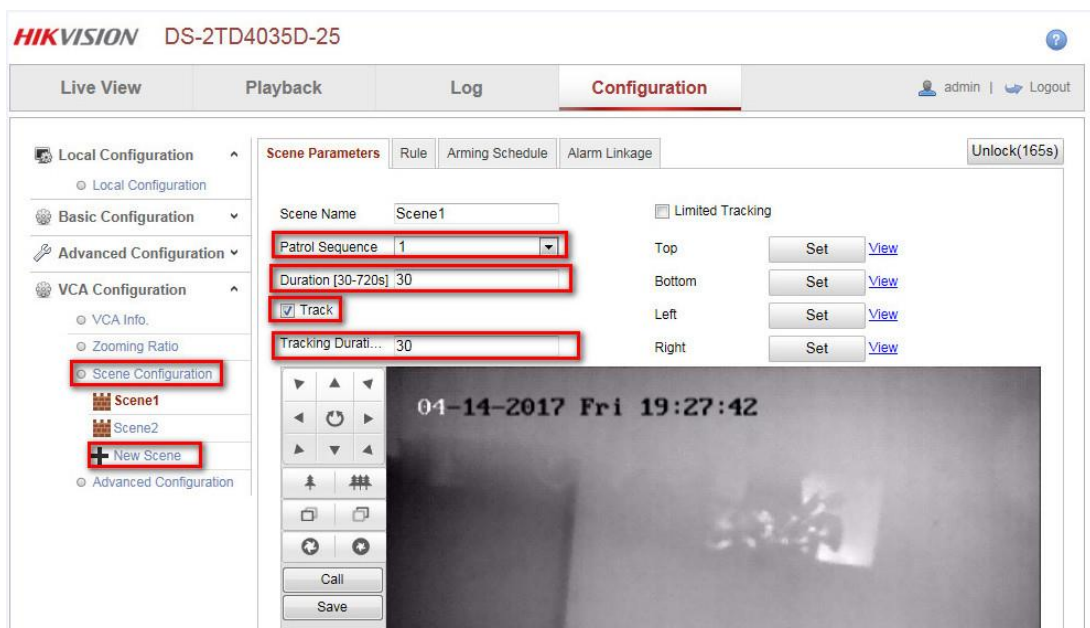


Figure 3

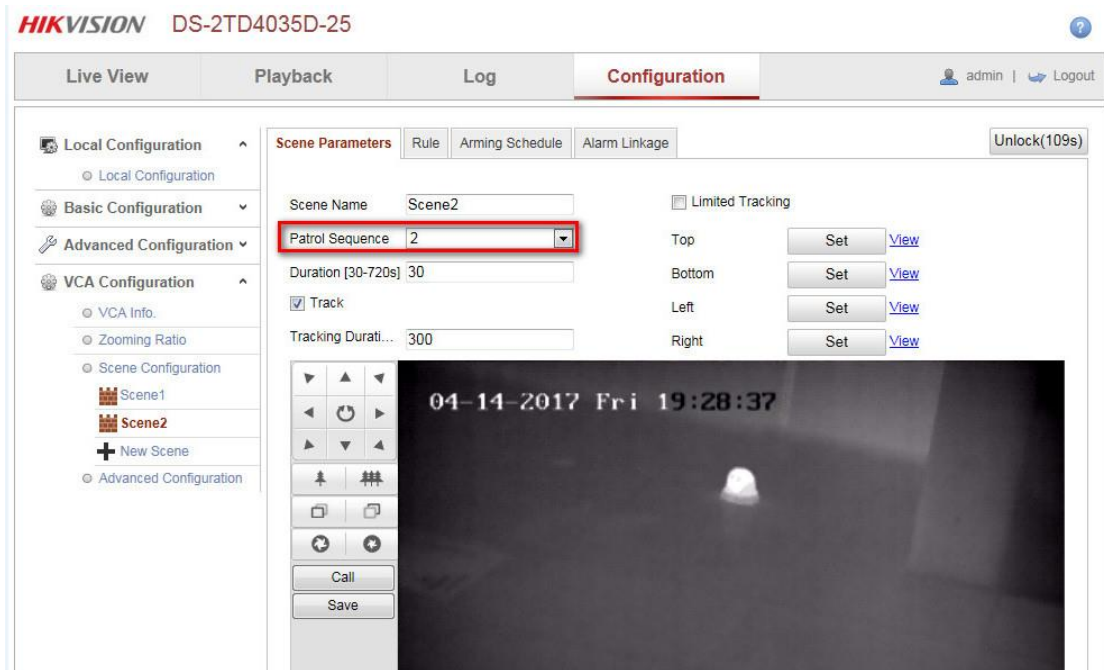


Figure 4

- 4) Click Save button to save the settings.
- 5) Rule Configuration:

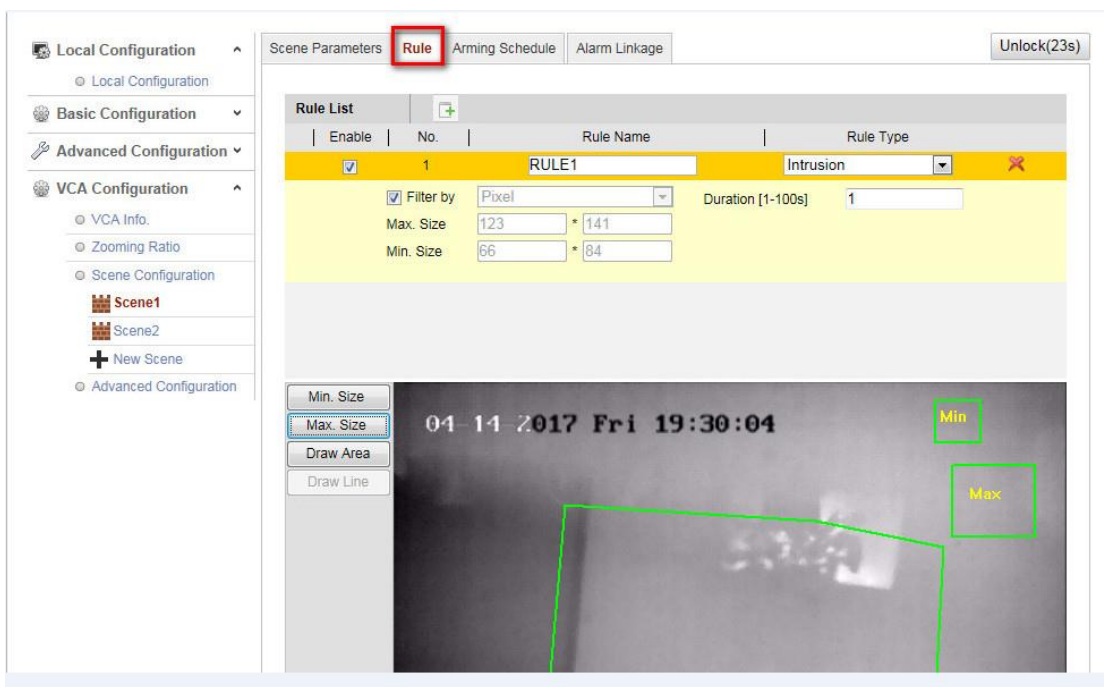


Figure 5

- 6) Configure Arming schedule:

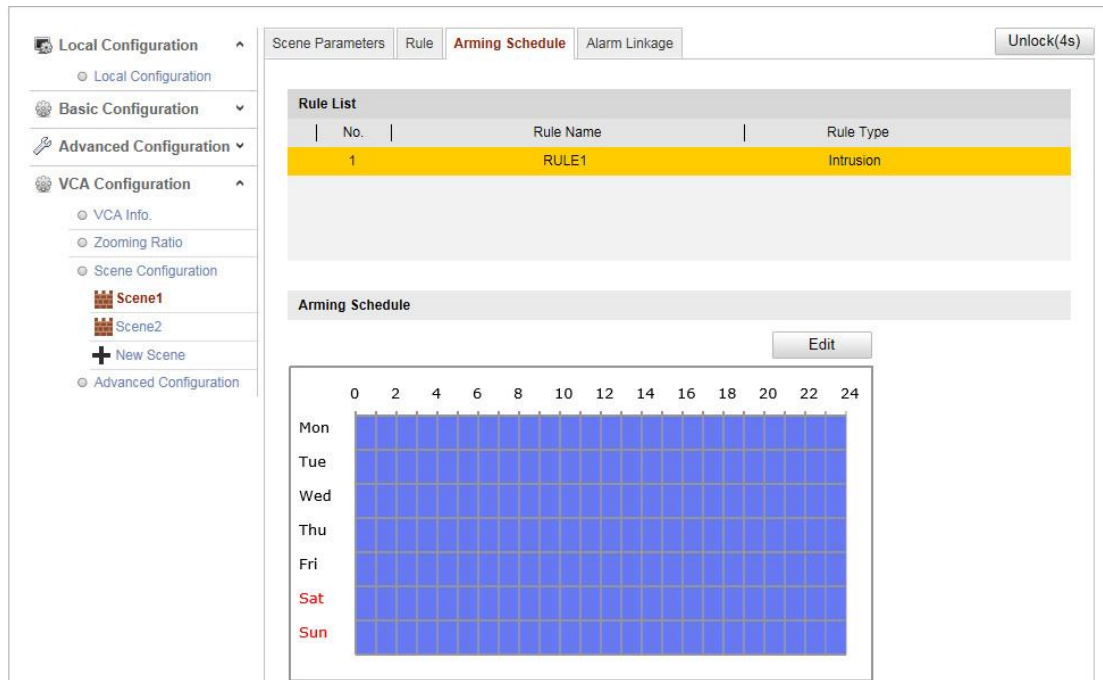


Figure 6

4. If the alarm is triggered, the speed dome will start to track automatically. (As the figure 3 and figure 4 shown, it will begin with scene 1 then scene 2). The optical camera will track the target when the VCA rule is triggered which is configured on the thermal camera.

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