

# 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.

Live View	Playback	Log	Configuration	💄 admin   🛶 Logo					
<ul> <li>Local Configuration         <ul> <li>Local Configuration</li> <li>Local Configuration</li> </ul> </li> <li>Basic Configuration</li> <li>Advanced Configuration</li> <li>VCA Configuration</li> <li>VCA Configuration</li> <li>VCA Info.</li> <li>Zooming Ratio</li> <li>Scene Configuration</li> <li>Scene Configuration</li> <li>East</li> </ul>	ation	ation ture Info. on Alarm Picture Info. on Alarm Picture	20160223						
Scene2									
New Scene	Display VCA	Info. on Stream							
Advanced Config	uration								
	Snapshot Setti	Snapshot Settings							
	Upload JPE	Upload JPEG Image to Center							
	Picture Quality	High							

Figure 1

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



Live View	PI	Playback			Log	Configuration	🤽 admin   🛶 Logo
Local Configuration Local Configuration		Zooming	g Rati	io			
<ul> <li>Basic Configuration</li> <li>Advanced Configuration</li> <li>VCA Configuration</li> <li>VCA Info.</li> <li>Zooming Ratio</li> <li>Scene Configuration</li> <li>test</li> <li>test</li> <li>Scene2</li> <li>New Scene</li> <li>Advanced Configuration</li> </ul>	<b>^</b>	× × © Save	)	▼ ▲ ## ○ 0 0 0 0	04-14-20	17 Fri 19:26:56	

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 scene of the scene is selected as 0.

**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.

Live View	PI	aybac	k			Log	Configuration				💄 admin   🥪 Logou
Local Configuration O Local Configuration		Scene P	<sup>a</sup> rame	eters	Rule	Arming Schedule	Alarm Linkage				Unlock(165s)
Basic Configuration	~	Scene	Name	9	Scene	1	1	Limited Track	king		
Advanced Configuration - Patrol Sequence					1	•	1	Тор	Set	View	
WCA Configuration	Durati	ion [30	-720s]	30			Bottom	Set	View		
© VCA Info.		Track						Left	Set	View	
Zooming Ratio		Tracking Durati			30			Right	Set <u>View</u>	View	
O Scene Configurat	ion			4			Real Property		Section 1		Toolin.
Scene1		•	O	•	04	-14-201	7 Fri 1	9:27:42	2		
New Scene	1	*	•	4							
Advanced Config	uration	*	.   4	##							
		Ó		Ø							
		C	)	0					100.4		1. 1. 1. 1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
			Call							100	



Live View		Playback	Log		Configuration			2	🕻 admin   🥪 Log
Local Configuration O Local Configuration	^	Scene Parameters	Rule	Arming Schedule	Alarm Linkage				Unlock(109s
Basic Configuration	~	Scene Name	Scene			Limited Tracking	-		
Advanced Configuration	on Y	Patrol Sequence	2	-		Гор	Set	View	
VCA Configuration	^	Duration [30-720s]	30			Bottom	Set	View	
O VCA Info.		Track				eft	Set	View	
Zooming Ratio		Tracking Durati	300			Right	Set	View	
Scene Configuration Scene1		* * *	04	1-14-2013	Z Eni 1	9.28.37			
Scene2		< () >	0-	1-11-201		.20.31			
New Scene		A V 4							
Advanced Configura	tion	¥ #							
		0 0							
		0 0							
		Call							
		Save							

Figure 4

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

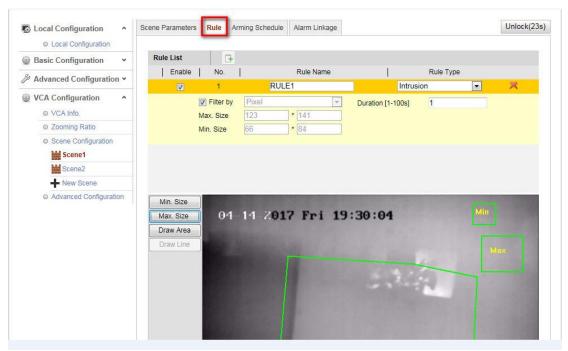


Figure 5

6) Configure Arming schedule:



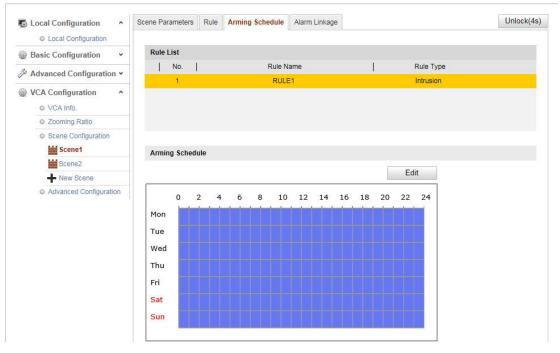


Figure 6

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.

First Choice for Security Professionals

## **HIKVISION** Technical Support