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## **Thermal VCA Configuration Guidance**

1. Make sure VCA Resource Type has been selected with Behavior Analysis option as default.



2. Make sure Rules are enabled.



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	HIKVISION	Live View Playback	Picture	Configuration			
	1						
	Local	Live View Parameters					
	System	Protocol	O TCP	UDP	O MULTICAST		
	Network	Play Performance	O Shortest Delay	<ul> <li>Balanced</li> </ul>	⊖ Fluent		
	Q. Video/Audio	Rules	<ul> <li>Enable</li> </ul>	<ul> <li>Disable</li> </ul>			
	Image	Auto Start Live View	○ Yes	No			
	Event	Image Format	JPEG	⊖ BMP			
	Storage	Display Rules Info. on Ca.	Yes	⊖ No			

## 3. VCA Basic Settings.

Check the checkbox to enable Intelligent Analysis function.

HIKVISION	Live View	Playback	Picture	Configuration	
Local	Basic Settings	-			
System	✓ Intelligent	Analysis			
Network	Display or	n Stream			
Q. Video/Audio	Display	VCA Info. on Stream			
Image	Display	Trajectory			
Event	Target	Marking Color			
Storage	Display or	Picture			
Ko VCA	Display	Target Info. on Alarm I	Picture		
Basic Settings	Display	Rule Info. on Alarm Pi	cture		
Camera Calibration	Snapshot	Settings			
Shield Region	Upload	JPEG Image to Center	t		
Rule	Picture Qu	ality High	1	~	
Advanced Configuration					
Temperature Measurement	P	Save			

## 4. VCA Rule Settings.

1) Click 于 button to create one or more rules.



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Local	Rule Armi	ng Schedule Alarm	Linkage			
System	Rule List					<b>.</b>
Network	Enable	No.	Rule Na	ime	Rule Type	
Q. Video/Audio						
Image						
Event						
Storage						
Co VCA						
Basic Settings	5					
Camera Calib	ration					
Shield Region			<b>N</b>			Sec.
Rule			- X.			
Advanced Col	nfiguration					HA .B.
Temperature	Measurement		100	1		

2) Create two or three rules according to specific scene. It's suggest that rule1 covers distance which up to lens\*3 meters. Here is the rule picture of successful case for reference.



3) Take example for line crossing shown as below.

ule List							+	
nable	No.		Rule	Name	Rule Ty	pe		
	1	ru	le1	L	ine Crossing	~	× 🗈	~
Filter by	Pixel		~	Sensitivity	50	0		
Max. Size	233	* 239	(W*H)	Line Crossing	Bidirectional	~		
Min. Size	37	* 70	(W*H)	Detection Target	Human & Vehicle	~		
				Background Interferenc.	OFF	~		

4) In order to detect the target more accurate, it's suggest to enable filter by pixel option. Click button to set the max size which mainly filter target bigger than this size. Click button to set the min size which mainly filter animal smaller than this size.



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#### Note:

Due to same target in different areas has different pixel size, in order to know human size better, it's suggest to let people stand at the near and far point.



5) Use the same method to configure rule2 shown as below.



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		2	rule2		Li	ne Crossing		<b>~</b> >		i.	
	Filter by	Pixel	$\checkmark$	Sensitivity		50		9			
	Max. Size	464 *	419 (W*H)	Line Crossing		Bidirectional	~				
	Min. Size	49 *	166 (W*H)	Detection Targe	t	Human & Vehicle	~				
				Background Inte	rferenc	OFF	~			~	
					A						

### 5. Shield Region settings.

If some areas no need to be detected, we can set the shield region to avoid false alarm such as car go through the scene.



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6. Check the VCA effect in live view.



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