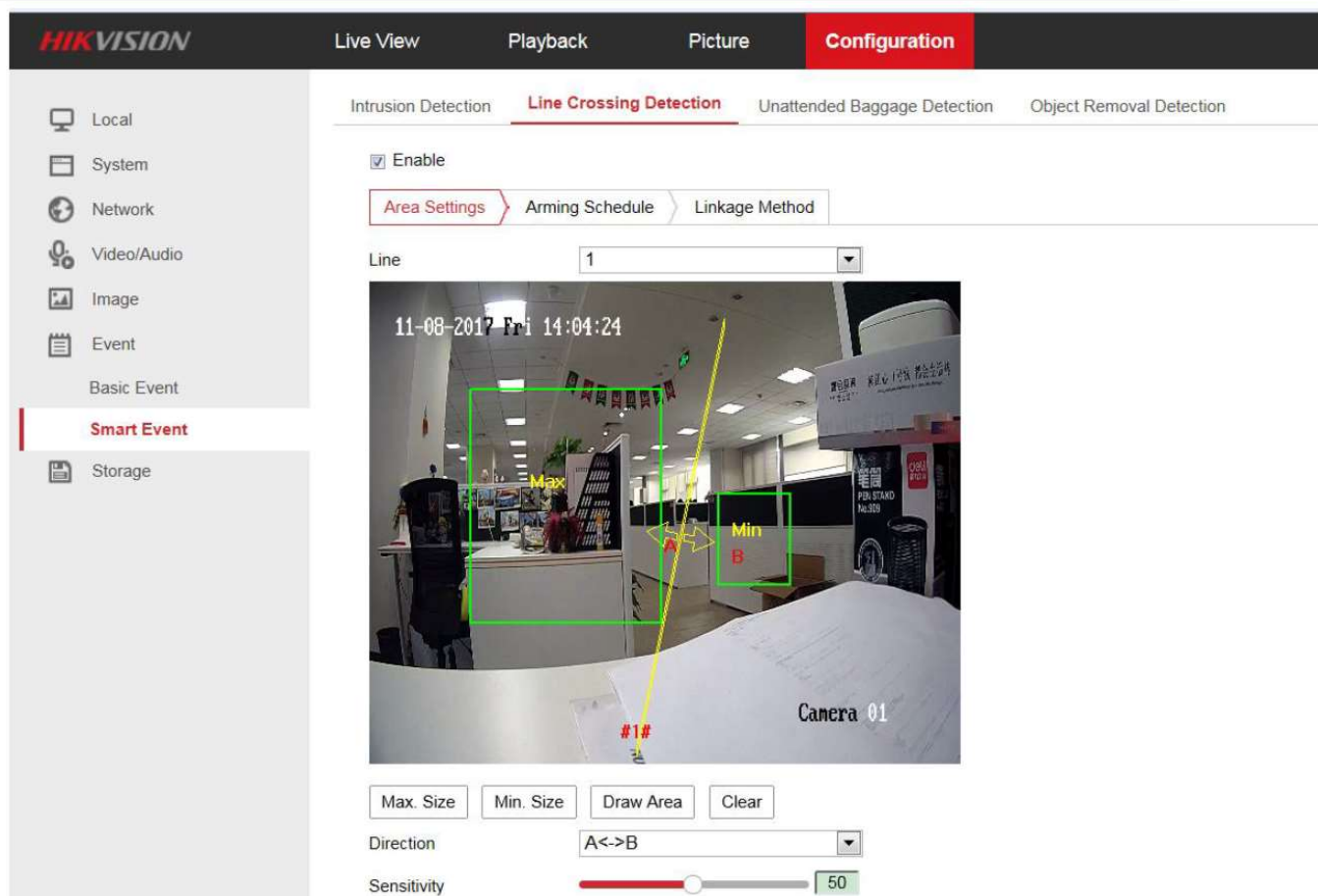# How to setup Line Crossing on a HIKVISION System

1: Line Crossing Detection

Line crossing detection function detects people, vehicles, or other objects which cross a pre-defined virtual line and then some certain functions can be performed when the alarm is triggered.

Steps
(1) Click **Configuration>Event>Smart Event,** Enter the **Line Crossing Detection** setting interface.
(2) Check the **Enable** checkbox of Line Crossing Detection to enable the function.
(3) Click the **Draw Area** button and draw a virtual line of where you wish the alert to take place on the camera view.
(4) Set the **Max. Size and Min Size** for a valid target. Click Max. **Size** button and draw Rectangle area. click Min. Size button and draw Rectangle Area.

(5) Save Changes at the bottom of the page when you have set Area Settings

NOTE:

Max.Size: The maximum size of a valid target. Targets with larger sizes would not trigger detection.
Min.Size: The minimum size of a valid target. Targets with smaller sizes would not trigger detection.

(5) Select the **Direction** for Line crossing detection. for example, A>B means only objects crossing from Side A to Side B will be detected.

(6) Click **Stop Drawing** when you have finished and then setup **Sensitivity**.

(7) Click **Arming Schedule** to set the arming schedule.

(8) Click **Linkage Method** and select the linkage methods for the line crossing detection.

(9) Click **Save** to save all settings.

(10) If you require Line Crossing Detection alerts sent to a mobile device you need to enable **Notify Surveillance Center** in the **Linkage Method** option and **Save** changes

Scene Change Detection	Line Crossing Detection	Intrusion Detection	Region Entrance Detection	Region Exiting Detection

☐ Enable Line Crossing Detection

Area Settings	Arming Schedule	Linkage Method

☐ Normal Linkage	☐ Trigger Alarm Output	☐ Audio and Light Alarm Link...	☐ Trigger Recording	PTZ Linking D1 ▾
☐ Audible Warning	☐ A->1		☑ D1	☐ Preset No.
☐ Send Email			☐ D2	1 ▾
☑ Notify Surveillance Center			☐ D3	☐ Patrol No.
☐ Full Screen Monitoring			☐ D4	1 ▾
			☐ D5	☐ Pattern No.
			☐ D6	1 ▾
			☐ D7	
			☐ D8	

[💾 Save]