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How to setup Max.Size and Min.Size for valid targets of Smart Events

Instructions

The new cameras have some differences in term of the smart detection functions which newly have the max and min target size functions.

This article takes DS-2CD2635FWD-IS as an example, introduce how to set this function.
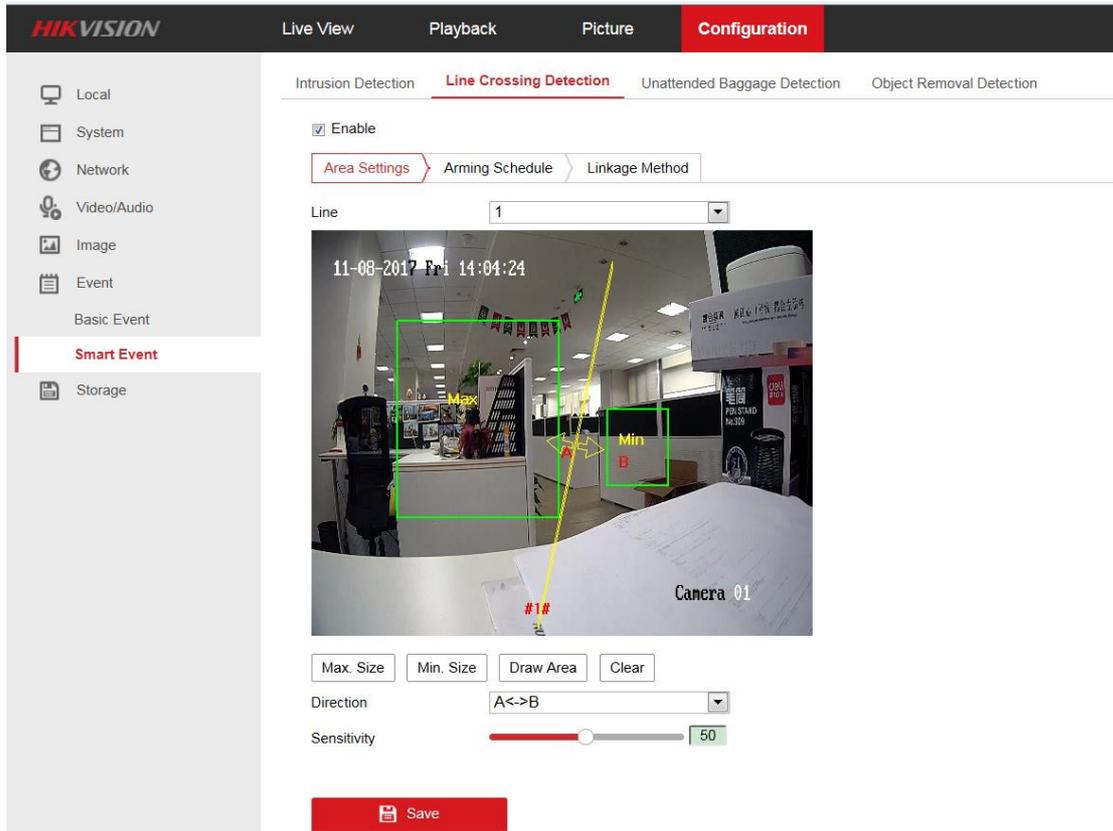
1: Line Crossing Detection

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

Steps:

(1)Click **Configuration>Event>Smart Event,** Enter the **Line Crossing Detection** settings 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.

(4)Set the **Max. Size and Min. Size for valid targets**. Click Max**. Size** button and draw Rectangle area, click Min.Size button and draw Rectangle area.

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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 object crossing the line from A side to B side can be detected.

(6) Click **Stop Drawing** when finish drawing. Set up **Sensitivity.**

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

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

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

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2: Intrusion Detection

Intrusion detection function detects people, vehicle or other objects which enter and loiter in a pre-defined virtual region, and some certain linked actions can be taken when the alarm is triggered.
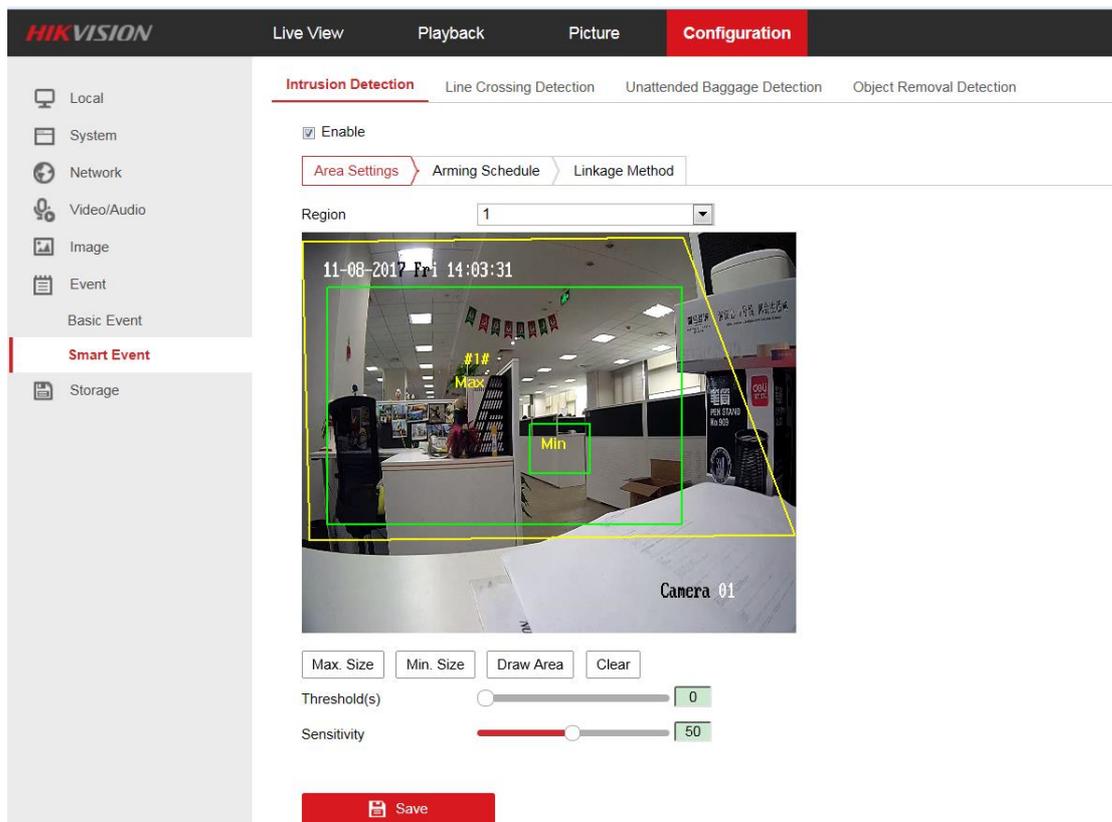
Steps:

(1)Click **Configuration>Event>Smart Event,** Enter the **Intrusion Detection** settings interface.

(2)Check the **Enable** checkbox to enable the function.

(3)Click the **Draw Area** button, Set up the pre-defined region.

Click on the live video to specify the four vertexes of the detection region, and right click to complete drawing.

(4)Set the **Max. Size and Min. Size for valid targets**. Targets smaller or larger than the valid target size are not able to trigger detection.

(6)Click **Stop Drawing** when finish drawing.

(7)Set the time threshold and detection sensitivity for intrusion detection.

Note:

Threshold: Range [0-10]s. The threshold for the time of the object loitering in the region. If you set the value as 0, alarm is triggered immediately after the object entering the region.

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

(9)Click **Linkage Method** and select the linkage methods for intrusion detection.

(10)Click **Save** to save the settings.

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