

Title:	TB Intrusion Detection Configuration	Version:	v5.5.0	Date:	061118
Product:	IP Cameras	Page:	1 of 3		
Action Required:	None, Information Only				

Summary

Hikvision IP cameras with firmware v5.5.0 (or above) will grey out the percentage bar under the NVR/DVR's intrusion detection settings on the local monitor. The percentage bar will stay at 0 and the user is not able to slide the bar to adjust it. Moreover, the percentage bar will not be displayed under Web browser view on the NVR's Web interface.

Optimization

Based on the firmware 5.5.0 release notes, the intrusion percentage configuration is optimized to max/min size set up under intrusion detection in the camera Web configuration. As a result, the intrusion detection accuracy check has to be done on both the NVR/DVR and the camera interface under camera firmware v5.5.0. Below are the steps:

1. Log in to camera's Web interface.
2. Navigate to **Configuration -> Event -> Smart Event -> Intrusion Detection**.
3. A **Max. Size** and a **Min. Size** button will appear on the bottom of the camera image. Below is a picture showing the buttons' locations.
4. Click on **Min. Size** and draw a minimum sized box on the image, then click on **Max. Size** and draw a maximum sized box on the image, and click **Save**. At this point, the whole process of configuring intrusion size is complete. Below is a picture showing the result.

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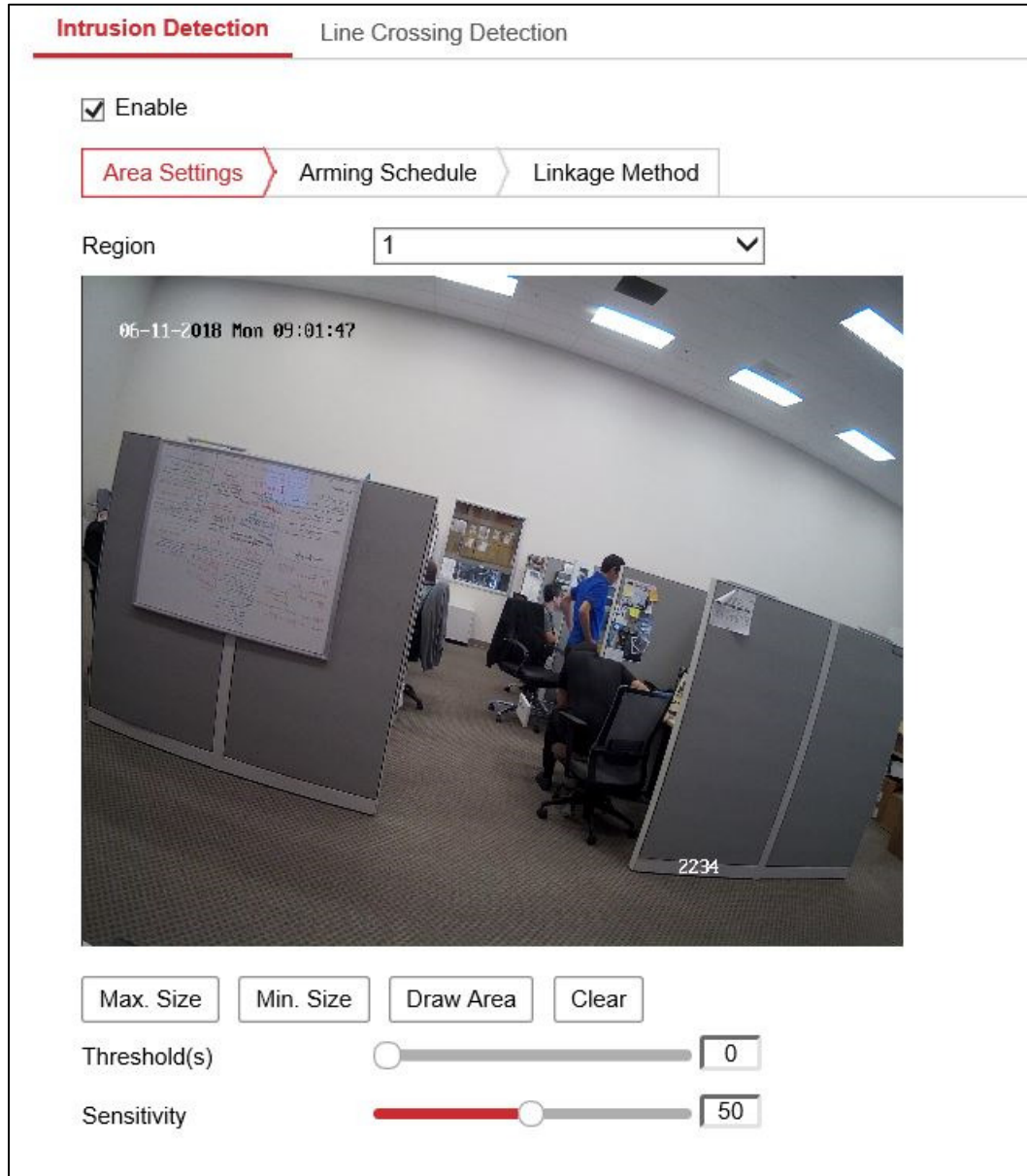


Figure 1: Intrusion Detection Setup with **Max. Size** and **Min. Size** Buttons on the Lower Left

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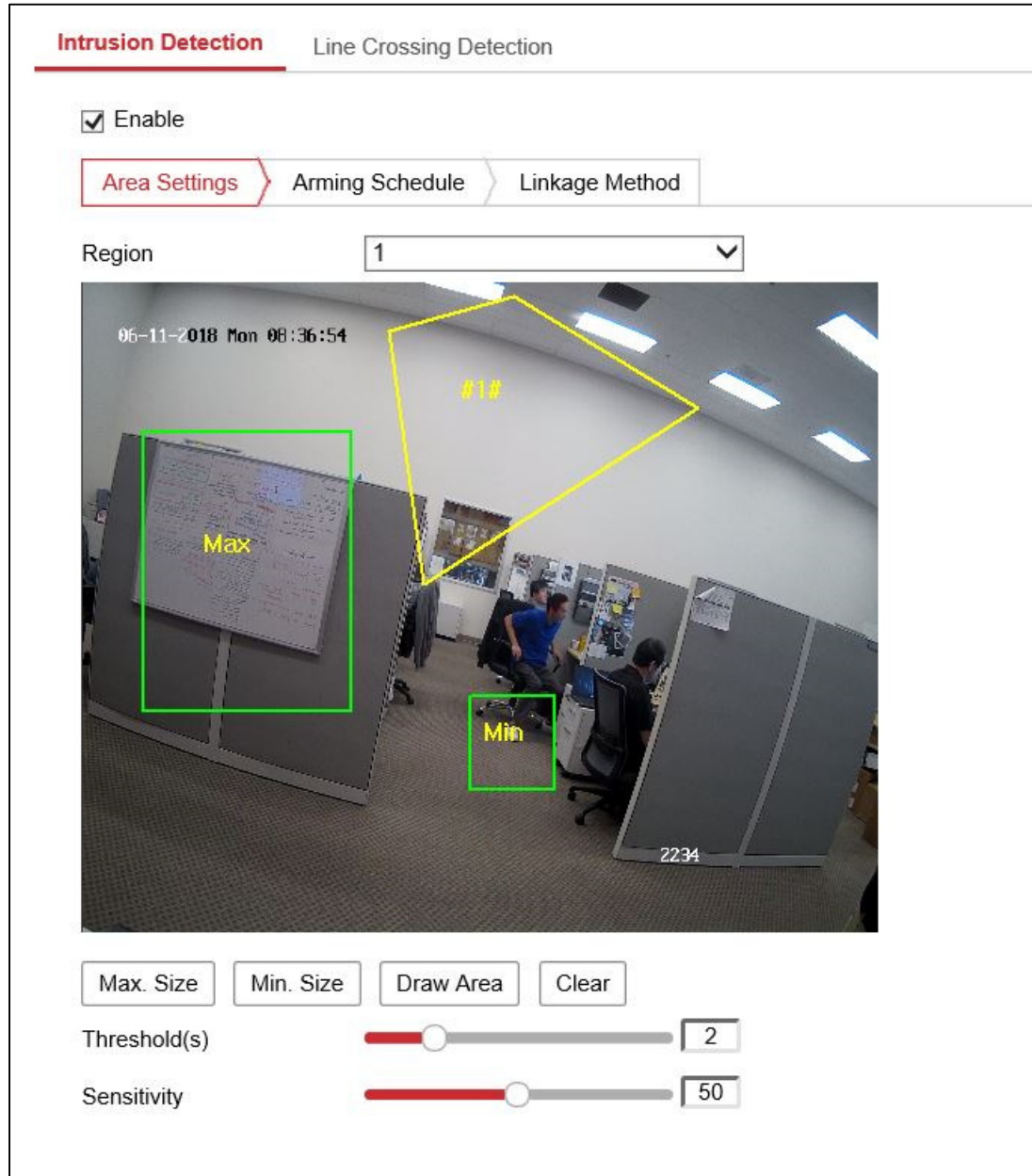


Figure 2: Completion of Maximum and Minimum Size Setup

Max. Size and **Min. Size** boxes are relatively references, and the boxes show up only under intrusion settings. Any objects bigger than the minimum size, but smaller than the maximum size, entering the intrusion zone will be detected.

Size calculations and open boundary situations are not addressed in this technical bulletin.