



# TiOC HOW TO GUIDE

How to set IVS rules such as tripwire or intrusion

For a Camera-only System

The following guide enables you to set up the IVS rules on **Wiz Sense** (Series 3) and **Wiz Mind** (Series 5 & 7) camera-only systems.



Series	Examples
DH-IPC-HF/HFW/HDW/HDBW3X4X Series	HFW3549T1-AS-PV
DH-IPC-HF/HFW/HDW/HDBW5X4X Series	HDW5241TM-ASE
DH-IPC-HF/HFW/HDW/HDBW7X4X Series	HFW5242H-ZE
	HDBW7442H-Z

**System Version:** V2.800.00AD000.0.R

**Build Date:** 2020-07-29

**NB:** The firmware version is based on the latest version when this document was created and may slightly differ from future versions, however this will not affect any of the functionality.

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### For Tripwire

**Step 1:** Go to **Setting** > **Event** > **IVS**, click the green **+** on the top right corner to add new rules.

**Step 2:** Click **Draw rule** on the left side, and use the mouse to draw a line for the target on the scene, and set the parameter accordingly.

Then, click **Save** to save your settings.

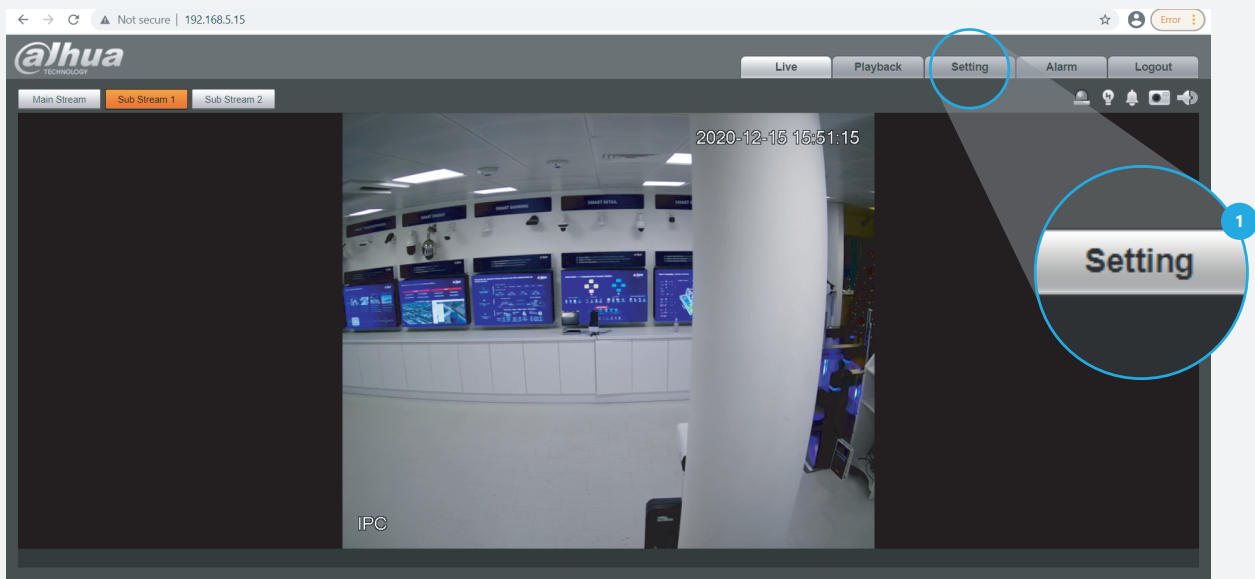


Figure 1: Start from the first page of the camera setup

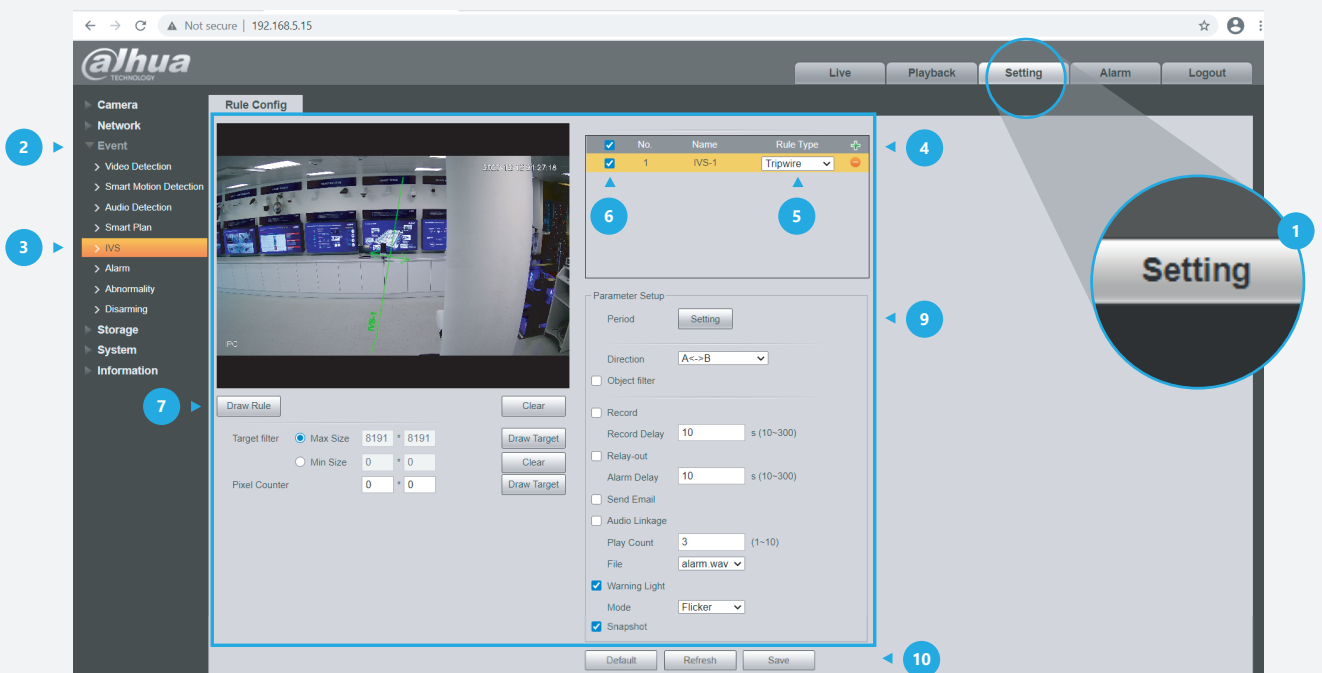


Figure 2: IVS tripwire settings

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### For Intrusion

**Step 1:** Go to **Setting** > **Event** > **IVS**, click the green **+** on the top right corner and choose "Intrusion" **Intrusion** to add new rules.

**Step 2:** Click **Draw rule** on the left side, and use the mouse to draw a shape for the target on the scene, and set the parameter accordingly.

Then, click **Save** to save your settings.

The screenshot shows the Dahua web interface for configuring IVS rules. The interface is divided into several sections:

- Navigation:** A top menu bar with 'Live', 'Playback', 'Setting', 'Alarm', and 'Logout'. A 'Setting' button is circled in blue with a '1' callout.
- Left Sidebar:** A navigation tree with categories like Camera, Network, Event, and IVS. The 'IVS' category is highlighted in orange with a '3' callout.
- Rule Config Table:** A table with columns 'No.', 'Name', and 'Rule Type'. It contains one rule: '1', 'IVS-1', and 'Intrusion'. A green '+' button is in the top right of the table, circled in blue with a '4' callout. A '6' callout points to the 'No.' column.
- Parameter Setup:** A form with various settings:
  - Period:** A 'Setting' button.
  - Action:** 'Appears' (unchecked) and 'Cross' (checked).
  - Direction:** 'Enter&Exit' (selected).
  - Object filter:** Unchecked.
  - Record:** Unchecked.
  - Record Delay:** '10' s (10-300).
  - Relay-out:** Unchecked.
  - Alarm Delay:** '10' s (10-300).
  - Send Email:** Unchecked.
  - Audio Linkage:** Checked.
  - Play Count:** '3' (1-10).
  - File:** 'alarm.wav'.
  - Warning Light:** Checked.
- Target Filter:** 'Max Size' selected, '8191 \* 8191'. 'Min Size' is '0 \* 0'. 'Pixel Counter' is '0 \* 0'. 'Draw Rule' and 'Draw Target' buttons are present.
- Bottom:** 'Default', 'Refresh', and 'Save' buttons. A '10' callout points to the 'Save' button.

Figure 3: IVS intrusion settings

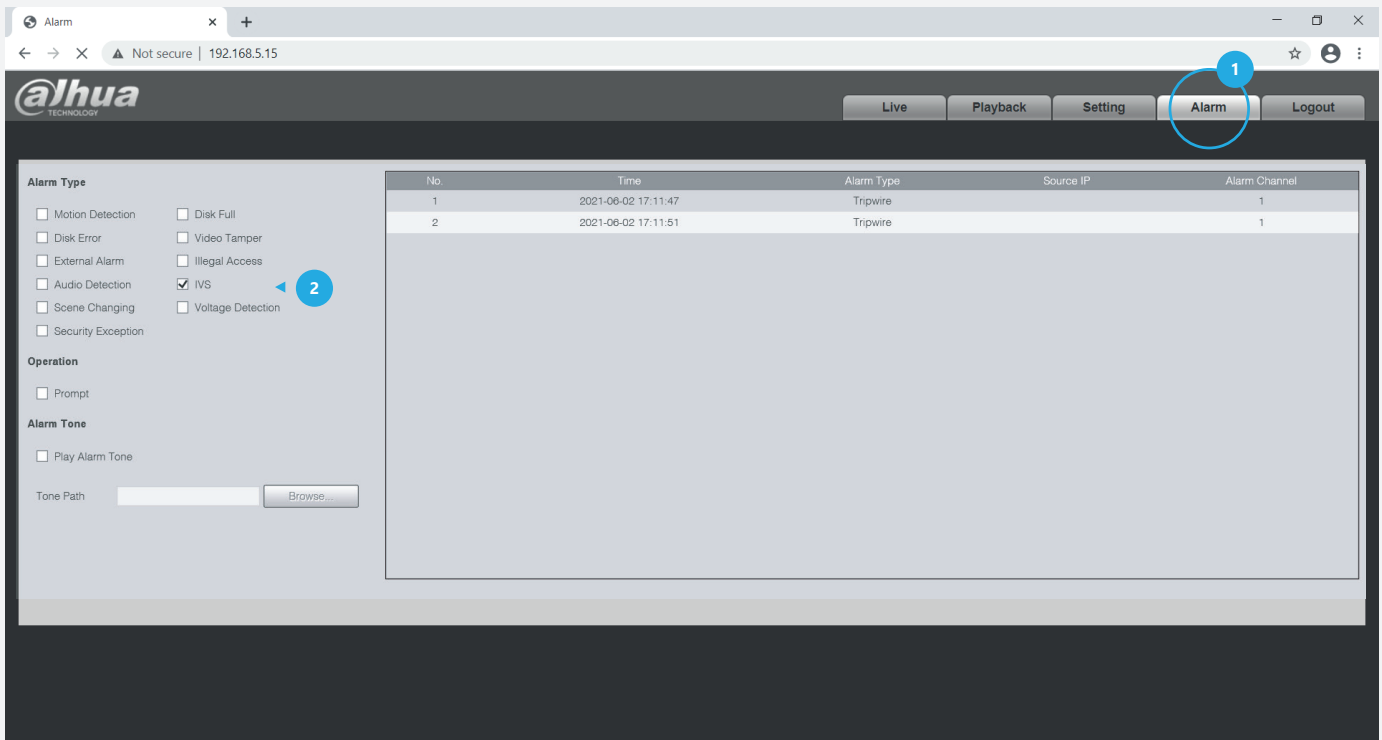
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### Checking Records of alarms:

**Step 1:** To check the alarm record details *click* **Alarm** in the top right hand corner and *tick*  **IVS** under the **Alarm Type** .

**Step2:** After the **IVS** is triggered, the type of record will be shown.

**NB:** The alarm records will not be kept after logging out.  
To check if the alarm function is still operating normally once logged out, please trigger another alarm.



The screenshot shows the Dahua web interface. At the top, there are navigation buttons: Live, Playback, Setting, Alarm, and Logout. The 'Alarm' button is circled with a blue '1'. On the left side, under 'Alarm Type', the 'IVS' checkbox is checked and circled with a blue '2'. Below this, there are sections for 'Operation' and 'Alarm Tone'. The main area displays a table of alarm records:

No.	Time	Alarm Type	Source IP	Alarm Channel
1	2021-06-02 17:11:47	Tripwire		1
2	2021-06-02 17:11:51	Tripwire		1

\*Design and specifications are subject to change without notice.

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