

How to set Audio Detection Alarm?

Answer:

The camera can detect input audio signals for exceptions. When the rise or fall of volume exceeds the set limit, or when the input volume reaches the threshold, the camera reports an alarm and triggers the set actions. Make sure that an audio input device is correctly connected to the camera and audio input is turned on. For the detailed steps, refer to *How to set Alarm Input*.

Note: Only some certain models support this function. Please see the actual model for details.

Note: This function, management page and supported alarm triggering and arming schedule may vary with models. Please see actual Web interface for details.

1. Click **Setup > Events > Common Alarm > Audio Alarm**.

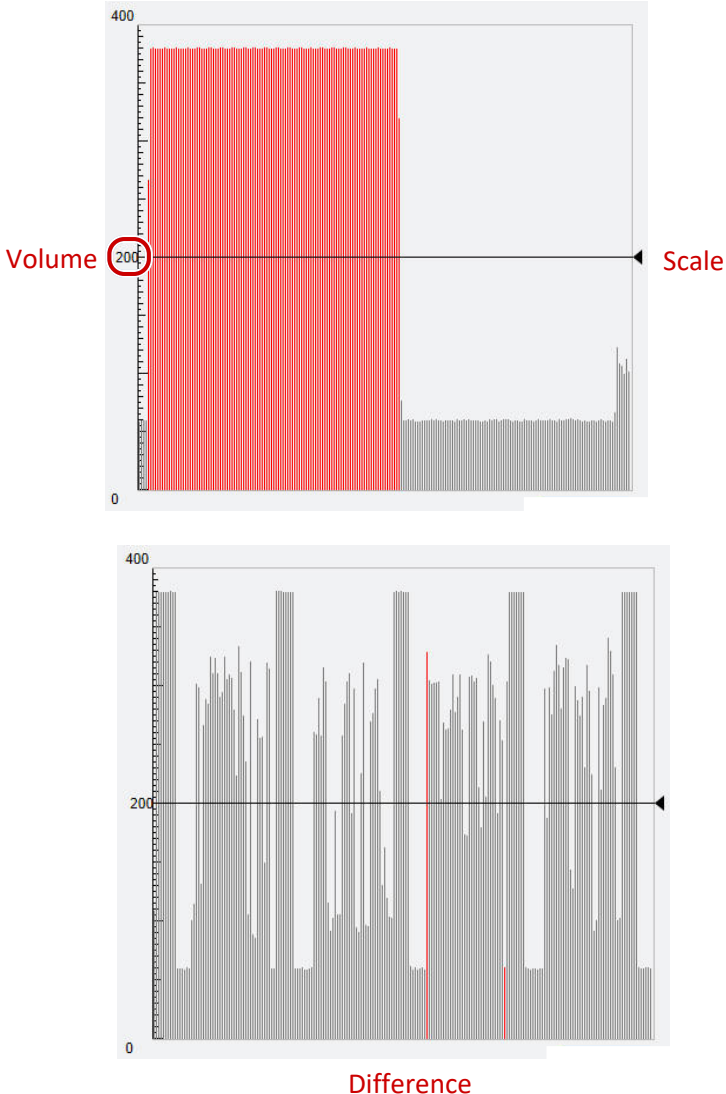
The screenshot shows the configuration page for an Audio Alarm. On the left is a graph with a vertical axis from 0 to 400 and a horizontal axis from 0 to 24. A horizontal line is drawn at the 200 mark. A 'Stop' button is at the bottom right of the graph. On the right side, there are several control sections:

- Audio Detection:** A radio button is selected for 'On', with 'Off' as an option.
- Detection Type:** A dropdown menu is set to 'Sudden Rise'.
- Difference:** A text input field contains the value '100'.
- Trigger Actions:** A group of checkboxes for 'Alarm Output 1', 'Recording', 'Goto Preset' (set to '[DOOR]'), and 'Trigger E-mail'. There is also an 'Upload to FTP' checkbox.
- Enable Plan:** A checkbox is checked for 'Enable Plan'. Below it are 'Armed' and 'Unarmed' checkboxes. An 'Edit' button is to the right.
- Schedule Grid:** A grid with days of the week (Mon-Sun) on the vertical axis and hours (0-24) on the horizontal axis. The grid is mostly blue, indicating the alarm is active, with red text for Saturday and Sunday.

2. Select **Enable** for **Audio Detection**, select a detection type and set the difference or threshold. To disable audio detection, clear the **Enable** check box.

The following table describes some major parameters.

Parameter	Description
Detection Type	<ul style="list-style-type: none"> • Sudden Rise: An alarm is reported when the rise of volume exceeds the difference. • Sudden Falls: An alarm is reported when the fall of volume exceeds the difference. • Sudden Change: An alarm is reported when the rise or fall of volume exceeds the difference. • Threshold: An alarm is reported when the volume exceeds a threshold.
Difference	<ul style="list-style-type: none"> • Threshold: After a volume is set as the threshold, an alarm is reported when the threshold is exceeded. • Difference: the difference between two volumes. When the rise or fall of volume exceeds the difference, an alarm is reported. <p>Note:</p> <ul style="list-style-type: none"> • The scale in the audio detection area is used to measure sound volume. • Audio detection results are shown in real time. The red part indicates the reported audio detection alarms.

Parameter	Description
	 <p>The image displays two waveform graphs. The top graph, labeled 'Volume', shows a red waveform with a peak at approximately 200 on the y-axis. A red circle highlights the '200' mark on the y-axis, and a horizontal arrow labeled 'Scale' points from this mark to the right edge of the graph. The bottom graph, labeled 'Difference', shows a grey waveform with a peak at approximately 200 on the y-axis. A horizontal arrow points from the 200 mark on the y-axis to the right edge of the graph.</p>

3. Set the alarm-triggered actions and arming schedule as required. For the detailed steps, see the descriptions of alarm-triggered actions in *How to set Motion Detection Alarm* or *Alarm-triggered Action Index*.
4. Click **Save**.