How to set Motion Detection Alarm?

Answer:

Motion detection detects the object motion in a specified rectangular area during a period. You need to set a detection area, sensitivity of detection, object size, and history for the camera to decide whether to report a motion detection alarm when it detects motion.

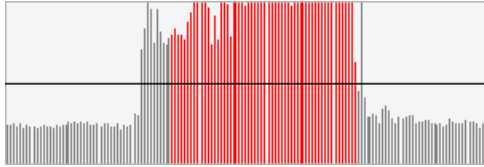Note: Only some certain models support this function. Please see the actual model for details.

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

Area Detection

1. Click **Setup > Events > Common Alarm > Motion Detection**. Set **Detection Mode** to **Area**.

2. In the **Detection Area**, click ➕ to add a new detection area. To delete a detection area, click 🗑.

3. Click and drag the mouse to set a detection area.

4. Set the detection sensitivity, object size, and history for the camera to decide whether to report a motion detection alarm.

*   Moving the slider to the right increases detection sensitivity. When the extent of motion within the detection area exceeds the set object size, the camera reports an alarm.

*   Object size specifies the minimum ratio of the object's size to the size of the total detection area before an alarm will be reported. That is to say, to detect motion of tiny objects, you need to draw a small box (detection area) in the actual motion area accordingly.

*   Motion detection results are shown in real time. The red lines represent the raised motion detection alarms. The longer a line, the greater the extent of motion. The denser the lines, the greater the frequency of motion.

5. Set the alarm parameters.

- Suppress Alarm(s): After an alarm is triggered, the same alarm will not be reported within the set time.
- Clear Alarm(s): After an alarm is triggered,

   a.   If the same alarm is not triggered within the set time, the alarm will be cleared and the same alarm can be reported again.

   b.   If the same alarm is triggered within the set time, the alarm will not be cleared until the suppress alarm time expires. Then the same alarm can be reported again.

6. Set actions to be triggered by motion detection alarm and the plan.

The following table describes the major alarm-triggered actions and how to set a plan.
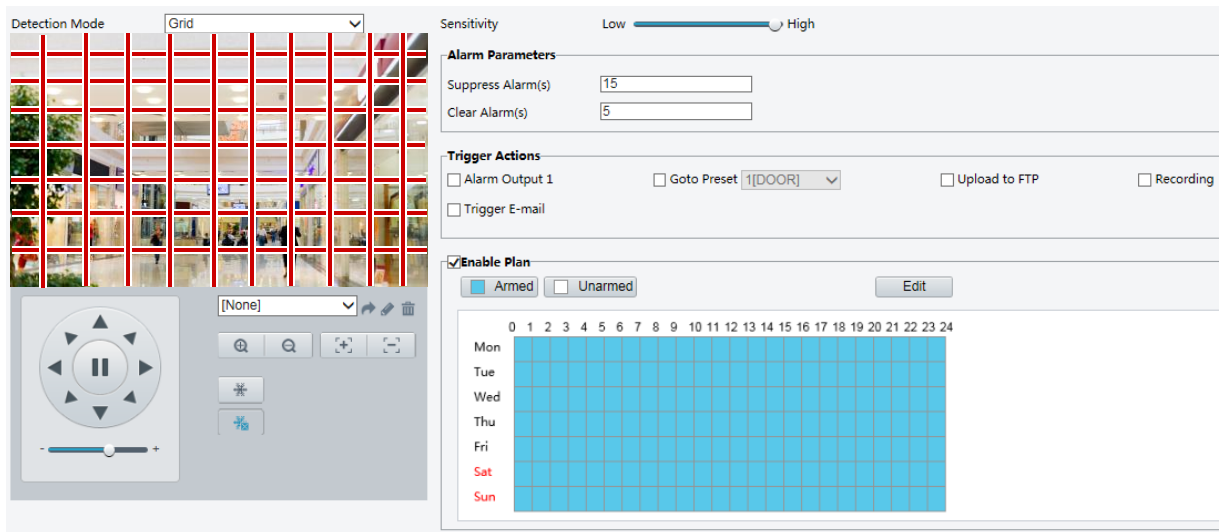
Item	Description
Alarm Output 1	Select the check box. This setting is the alarm output interface linked to motion detection alarm. **Note:** When an alarm is reported, the camera triggers alarm output so as to trigger actions by a third-party device.
Goto Preset	Select the check box and set the preset linked to motion detection alarm. **Note:** • Make sure you have set presets. Otherwise, you cannot set this parameter. For details, refer to *How to set PTZ control*. • When an alarm is reported, the PTZ camera automatically goes to the preset to capture video in the correct scene.
Upload to FTP	With **Upload to FTP** selected, the camera will automatically upload snapshots to the specified FTP server when an alarm is triggered. **Note:** Make sure you have completed FTP and Snapshot before using this function.
Recording	With **Recording** selected, the camera will automatically record video when an alarm is triggered. **Note:** Please set **Post-Record(s)** on the **Storage** page first. **Post-Record(s)** specifies how long recording continues after the end of an alarm.
Alarm the Center	With **Alarm the Center** selected, the camera will sends alarm information to the central server when an alarm is triggered. **Note:** Please complete settings on the **Server** page first.

Trigger Tracking	With **Trigger Tracking** selected, the camera starts auto tracking when an alarm is triggered. **Note:** Only some camera models support this function. Please set auto tracking on the **Smart Settings** page first.
Trigger E-mail	With **Trigger E-mail** selected, the camera will automatically send snapshots to the specified E-mail address when an alarm is triggered. **Note:** Make sure you have completed E-mail setting before using this function.
Enable Plan	Select the check box and set the start and end times during which motion detection alarm is effective. You can directly drag the mouse to draw a plan and click **Edit** to edit time periods in the table. The time periods cannot overlap. The camera reports alarms during the specified period(s) only. You can select from Monday to Sunday and set four periods for each day. Drag the mouse to draw a plan Edit time periods in the table **Note:** Plan drawing using a mouse is only supported by IE versions later than 8.0. After setting the plan for one day, you can apply the same settings to other days by clicking **Copy** and **Paste**.

7. Click **Save**.

Grid Detection

1. Click **Setup > Events > Motion Detection**. Set **Detection Mode** to **Grid.**

2. Detection area(s) can be irregular on the grid.

3. Set detection sensitivity for the camera to decide whether to report a motion detection alarm (alarm visible on compatible NVR).

4. Set alarm parameters.

- Suppress Alarm(s): After an alarm is triggered, the same alarm will not be reported within the set time.

- Clear Alarm(s): After an alarm is triggered,

    a. If the same alarm is not triggered within the set time, the alarm will be cleared and the same alarm can be reported again.

    b. If the same alarm is triggered within the set time, the alarm will not be cleared until the suppress alarm time expires. Then the same alarm can be reported again.

5. Set actions to be triggered by motion detection alarm and the plan. For the detailed steps, see the descriptions of alarm-triggered actions in **Area Detection** above.

6. Click **Save**.