# **How to set Alarm Input & Output in IPC?**

#### TAGS:

Alarm info, alarm type, alarm report, third-party device, trigger alarm, trigger actions, motion detection alarm, Boolean alarm, common alarm, arming, monostable, bistable

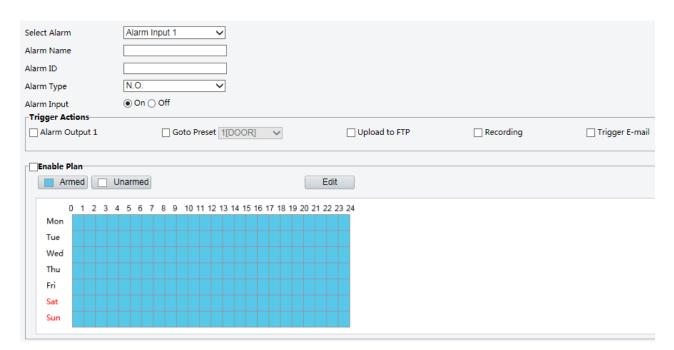
#### Answer:

- The camera can receive alarm information from a third-party device. To use this function, you need to configure the following information for alarm input first: port, alarm name, alarm type (normally open or normally closed) and alarm reporting time.
- After alarm output is triggered by a motion detection alarm, Boolean alarm, the camera can
  output alarm information to the third-party device if alarm output is set correctly to
  Normally Open or Normally Closed. The alarm output duration is configurable.

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.

## **Alarm Input**

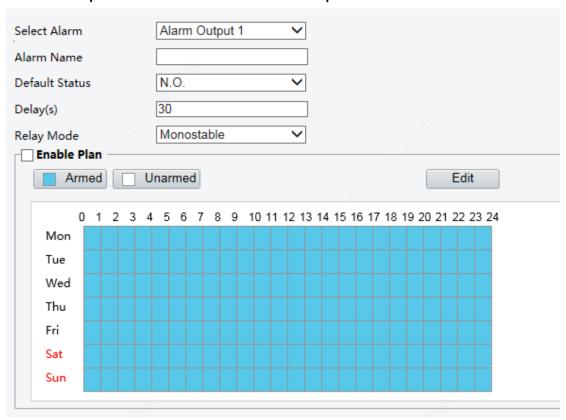
1. Click Setup > Events > Common Alarm > Alarm Input.



- 2. Select alarm and set the alarm name.
- 3. Select **N.O.** or **N.C.** according to the type of the third-party alarm input device. For example, if the third-party alarm input device is normally open, you need to select **N.O.** here, so that the camera can receive alarm information from the third-party alarm input device.
- 4. Set actions to be triggered by an input alarm and the plan. For the detailed steps, see the descriptions of alarm-triggered actions in *How to set Motion Detection Alarm* or *Alarm-triggered Action Index*.
- 5. Click **Save**.

### **Alarm Output**

1. Click Setup > Events > Common Alarm > Alarm Output.



- 2. Select the alarm and set the alarm name.
- 3. Set the status to **N.O.** (default setting) and set the alarm duration.
- 4. Set relay mode to better adapt to third-party alarm devices like alarm lights. Please select the trigger mode according to your third-party alarm device.

Item	Description
Monostable	The alarm output triggers the third-party alarm device by pulse.
Bistable	The alarm output triggers the third-party alarm device by high or low level.

- 5. Set actions to be triggered by an alarm and the plan. For the detailed steps, see the descriptions of alarm-triggered actions in *How to set the Motion Detection Alarm parameter* or *Alarm-triggered Action Index*.
- 6. Click Save.

Note: Strictly follow the sequence when powering on the devices to avoid damaging camera components:

- 1. Check that the alarm type is set to Normally Open (default setting), and that the camera and the alarm output device are powered off.
- 2. After completing the connection, power on the camera first and then power on the alarm output device.