

How to adjust the level of human detection

This article introduces how to use advanced parameters to adjust the alarm sensitivity and area of the camera in the browser interface.

1) How does the Topodome camera realize the alarm?

The Topodome camera has two alarm functions: human form detection and motion detection, which can be used to alarm separately.

Humanoid alarm: When there is an object similar in size and proportion to a person, the camera will continue to alarm until the object disappears;

Motion detection alarm: When an object moves on the video, the camera will continue to alarm until the object disappears.

Default alarm setting: When leaving the factory, humanoid detection and motion detection are turned on at the same time by default, and an alarm is triggered in association. That is to say, only when the rectangular object is recognized at the same time, and the object is moving, the alarm will be issued.

2) Why do we need to link the motion and humanoid alarm ?

Assuming that only humanoid alarms are enabled, if a person, or a human-like object, stands still in front of the camera, it will cause continuous alarms. In this way, even if only a rectangular box is placed in front of the camera, the alarm will continue;

Assuming that only motion alarm is enabled: Because motion alarm only depends on the alarm area and sensitivity settings to determine the alarm, even if a cat walks by, it will trigger many alarms.

Therefore, the default linkage alarm is helpful to filter invalid alarms.

3) Why is a person in the surveillance area when I use my mobile phone to view real-time video, but the mobile phone can only receive an alarm message push once a minute?

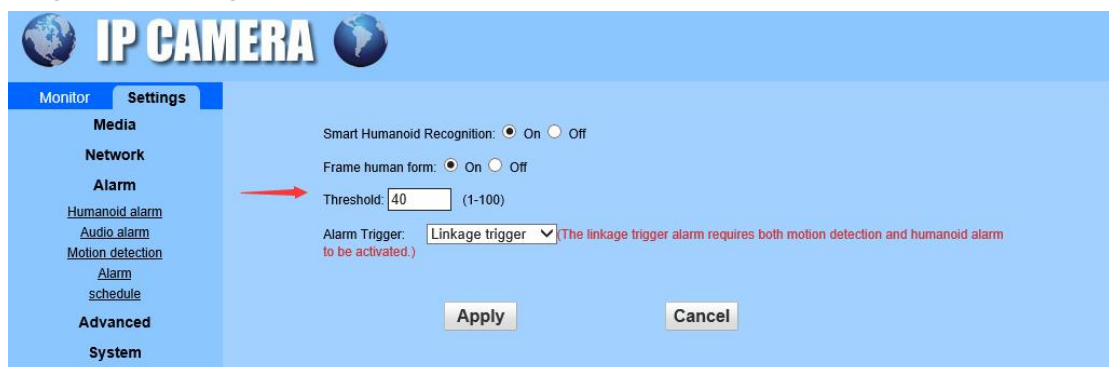
This is because when you watch the video in real time, the system will reduce the frequency of information push, because the user can identify the person or vehicle appearing in the video, the system does not need to push the information frequently; when the user exits the real-time monitoring APP, the system will Resume real-time alarm push.

4) Why does my camera fail to alarm normally when someone walks by?

If you do not turn off the humanoid alarm function, it is most likely that the person walking by is too far from the camera, so that the size of the person in the entire image is too small, and the system will not be able to trigger the alarm.

Solution:

- 1) If the camera has a zoom function, you can increase the focal length and aim at the main monitoring direction, so that the person who appears will also become larger;
- 2) Please enter the high-level settings of the camera through the browser (in the address bar Enter the camera IP address, such as <http://192.168.1.xx>) and), Alarm---->Humanoid Alarm----->Threshold. Please change the default value and adjust it to a value greater than the default value of 20 , such as 40 or 50, So that the system will recognize smaller human-like images as human figures.



But the disadvantage of doing this is that some objects that were not originally regarded as humans, such as telegraph poles, boxes, trees, etc., may also trigger an alarm.

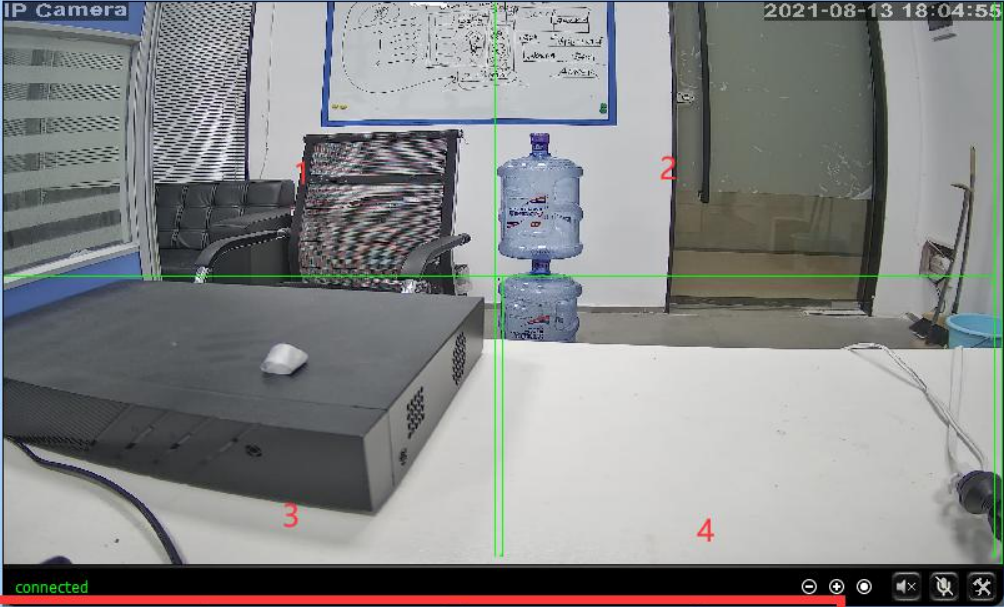
- 3) Reduce the installation height of the camera, so that the person in the picture will have a more suitable size ratio.

4) Why can't my camera recognize the vehicle passing by?





Under normal circumstances, the vehicle is far away from the camera. If the sensitivity setting of the motion detection is low, the alarm may not be triggered; however, a sensitivity setting that is too high will also increase the chance of false alarms.

A better way is to enter the motion detection menu through a browser. This allows the monitoring screen to be divided into four areas, and each area can be set with different sensitivity, so that the user can set the area frequently passed by vehicles to high sensitivity. Improve the accuracy of the alarm.

IP Camera 2021-08-13 18:04:55



connected

<input checked="" type="checkbox"/> Window1	<input checked="" type="checkbox"/> Window2	<input checked="" type="checkbox"/> Window3	<input checked="" type="checkbox"/> Window4
			
20	31	40	50

Apply