



## **How to Connect External alarm output with PIR camera**

<b>Title:</b>	How to Connect External alarm output with PIR camera	<b>Version:</b>	v1.0	<b>Date:</b>	21/12/2018
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## How to Connect External alarm output with PIR camera

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### **Background:**

The PIR camera with O in the model name provides an alarm output interface (EXT ALARM OUTPUT), and an external alarm equipment can be connected to the interface. When you turn on the EXT ALARM OUTPUT and the PIR alarm is triggered, the external alarm device will also be triggered.

We recommend that PIR camera and K series DVR be used together to provide more accurate alarm information.

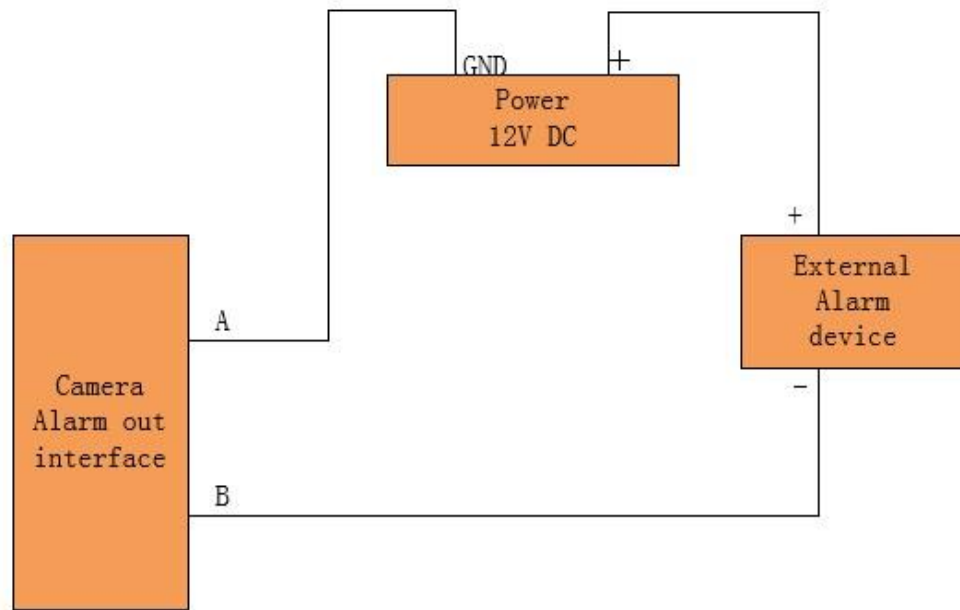
### **How to Connect External alarm output with DVR:**

#### **➤ *The alarm output device is powered by DC***

It is recommended to the alarm output device is powered by DC (30V/1A or less) Steps:

1. The alarm output interface of camera connects with negative pole of external alarm output device
2. The positive pole of external alarm output device connects with the positive pole of the power
3. The negative pole of power connects with The alarm output interface of camera.

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Note: 1) Only DVR Trigger Mode can enable this function.

2) The internal CAMERA is equivalent to a switch, no polarity.

3) Max. Load current is 1A, Max. Battery voltage is DC30V.

➤ ***How to configure this function***

**Steps:**

1. Enter the DVR menu

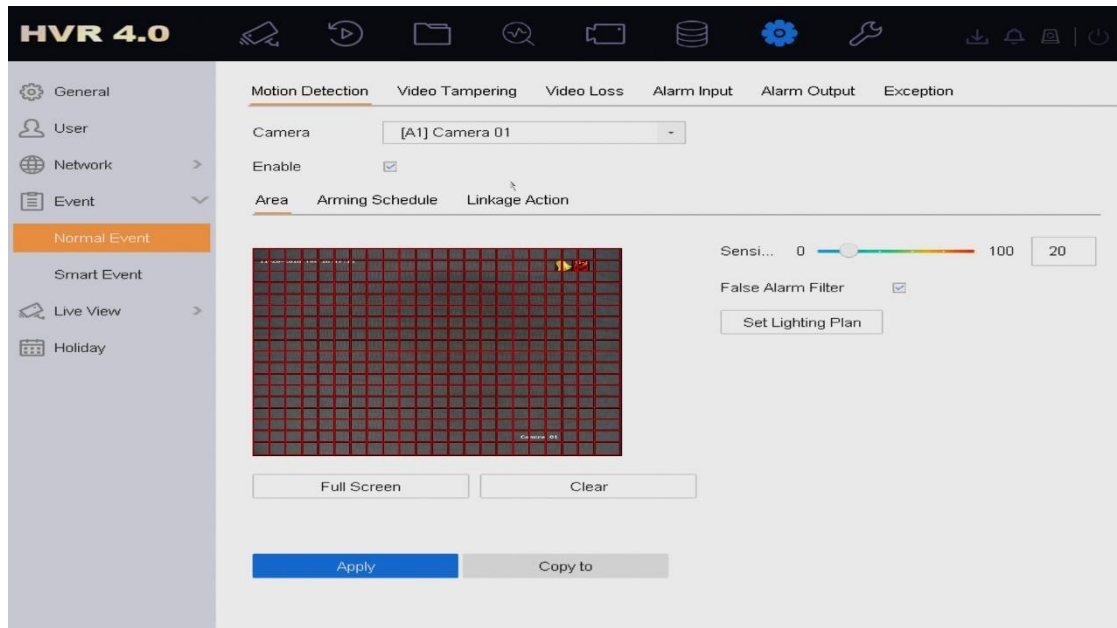
SYSTEM->Event->Motion Detection

Choose the PIR camera

Check the checkbox of Enable, Check the checkbox of False Alarm Filter

Configure motion detection as required, Apply

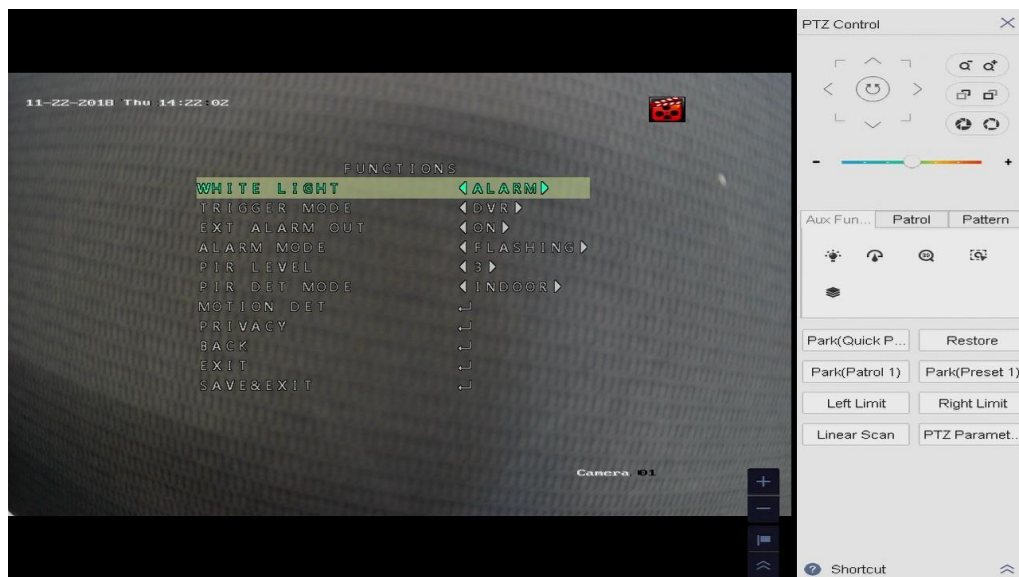
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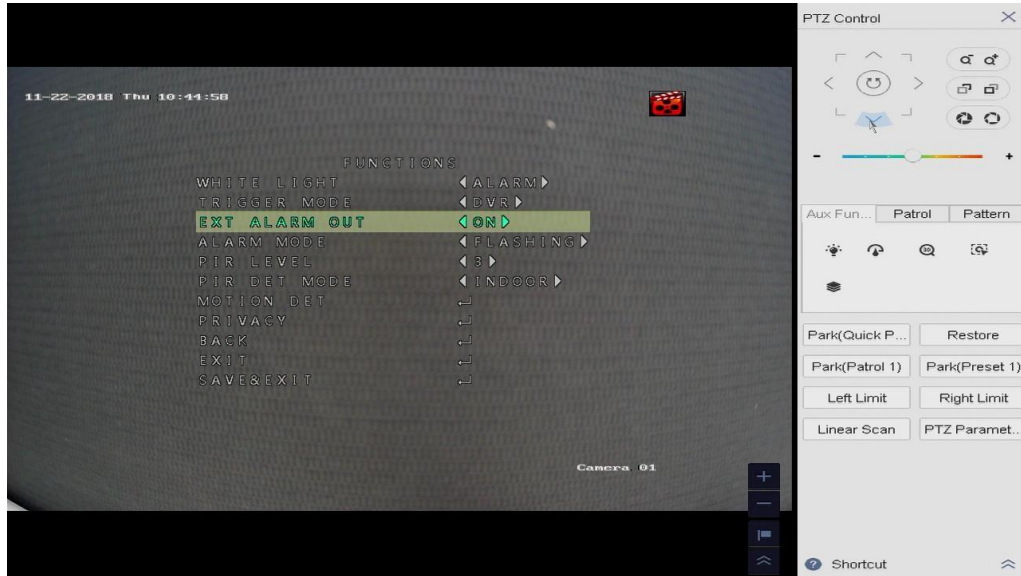
2. Call preset 95 enter the camera OSD menu

MAIN MENU->FUNCTIONS->WHITE LIGHT switch to ALARM

SAVE&EXIT



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3. Choose alarm mode, flashing or solid.

MAIN MENU->FUNCTIONS->ALARM MODE



**Complete the above configuration, when the motion detection and the PIR alarm are simultaneously triggered, the external alarm device will be triggered.**

**Note:** When you choose DVR Trigger Mode, the EXT ALARM OUTPUT is turn on by default. You can turn off it on camera OSD menu if you need.



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