

<b>Title:</b>	How to set the PIR function for HIKVISION IP camera	<b>Version:</b>	v1.0	<b>Date:</b>	12/13/2018
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## Preparation

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1. IPC supports PIR function.

## How to set the PIR function for HIKVISION IP camera

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## Introduction of PIR:

- PIR ( Passive InfraRed ) , refers to passive IR technology
- Full name of PIR is Passive Infrared Detection
- Key part of PIR is **Human body Pyroelectricity Infrared Detectors**

### Principle

Human body maintains a fixed degree( $36.5^{\circ}$ ), which radiates infrared light with wavelength of  $3 \sim 50 \mu m$ , and those of  $8 \sim 14 \mu m$  account for 46%, with a peak value of  $9.5 \mu m$ .

PIR detector has a wavelength detecting range of  $8 \sim 14 \mu m$ , so it's most sensitive to human body infrared radiation, and transforms it into electronic signals, in which way human detection is achieved.



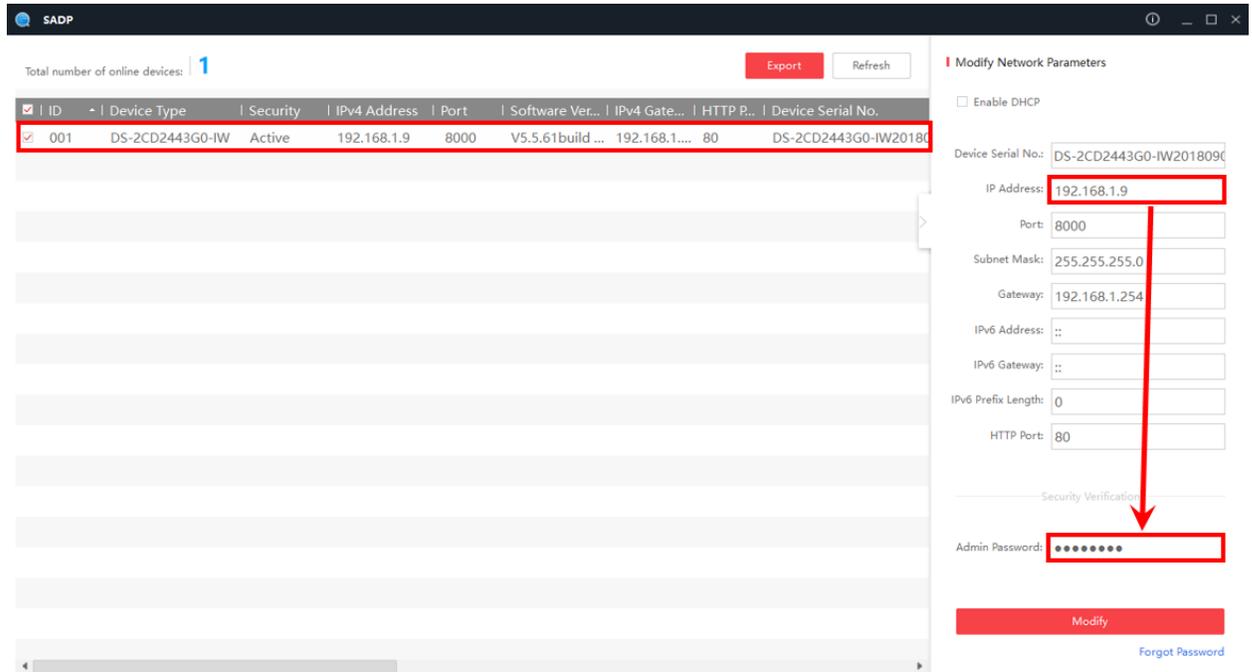
PIR Human Body  
Detection

Detection Angle :  $80^{\circ}$

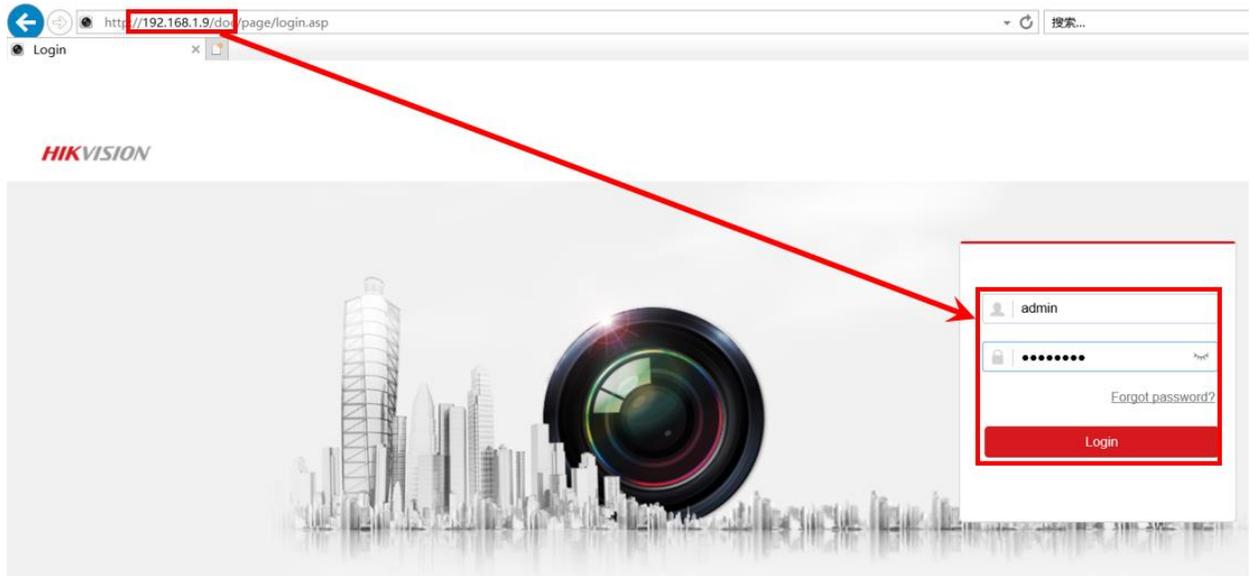
Detection Distance :  
10m

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1. Run SADP software and then all IP cameras in same LAN will be shown in software. Set the IP address for camera(Such as 192.168.1.9).



2. Input the IP address such as 192.168.1.9 in IE browser to login it.



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### 3. Go to Configuration> Advanced Configuration> Events> Other Alarm, enable PIR Alarm.

The screenshot displays the HIKVISION web interface for configuring a PIR Alarm. The left sidebar shows the navigation menu with 'Basic Event' highlighted. The main content area is titled 'PIR Alarm' and includes the following settings:

- Enable
- Alarm Name: [Text Input Field]
- Arming Schedule: [Text Input Field]
- Linkage Method: [Text Input Field]
- Normal Linkage
- Audible Warning
- Send Email
- Notify Surveillance Center
- Upload to FTP/Memory Card/...
- Trigger Recording
- A1

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## 4. Set whole day and all week recording.

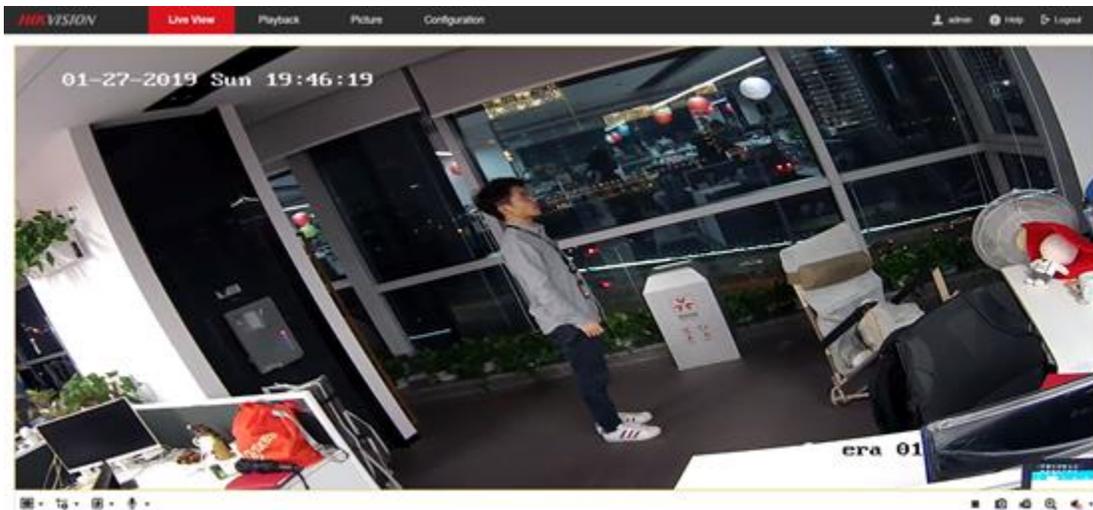
Arming Schedule Linkage Method

✖ Delete 🗑 Delete All

Day	0	2	4	6	8	10	12	14	16	18	20	22	24
Mon	Blue												
Tue	Blue												
Wed	Blue												
Thu	Blue												
Fri	Blue												
Sat	Blue												
Sun	Blue												

Save

## 5. When there is some body in arming area of PIR, it will have an audio warning.





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**HIKVISION Technical Support**