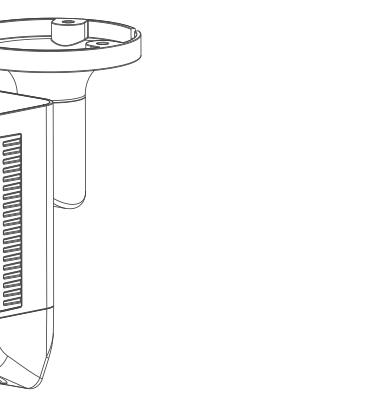




# L860 SPOT LIGHT CAMERA

User Manual V1.0



Shenzhen Leshi Video Technology Co., Ltd.

[www.freecamglobal.com](http://www.freecamglobal.com)

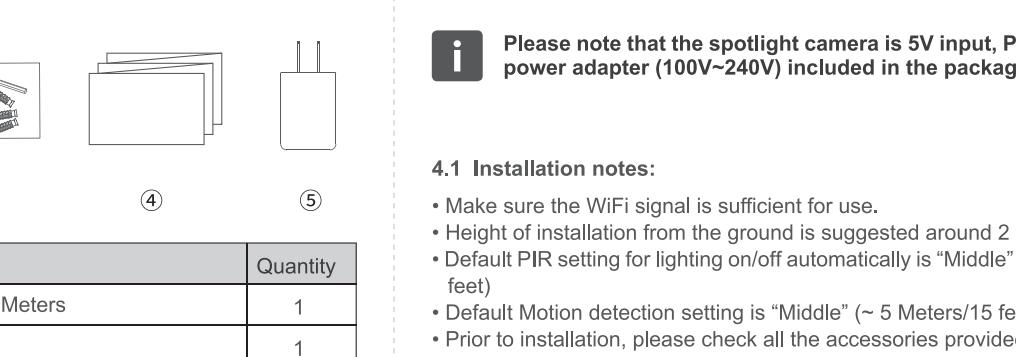
This user manual contains information about spot light camera. The spot light camera is the combination to deter lighting, sound-light alarm and video surveillance for deterrent and drive away the intruders. Its built-in AI algorithm and multiple intelligent detection functions solve common issues of false alarms in traditional security products for safer and more reliable security surveillance.

- For lighting control, you can personalize PIR sensitivity and detection area of moving object.
- For camera video recording and alarm, you can also set up the motion detection (MD) sensitivity and motion zones through the APP.
- When "Suspicious intrusion detection" is turned on, most of the false alarms can be avoided. Only the approaching suspicious objects can trigger the video recording and pushing alert. (In the traditional security products, false alarms are usually triggered by light changes, tree leave movements, passing cars and other non-human being objects, which are unnecessary and annoying. Spot light cam perfectly solves this problem.
- 2-way speaker for talk and hear in , buzzing and caution light flashing for actively alarm.

## 2 Indicator Light Status

Indicator Light Status	Status statement
Red light solid on	powering on proceeding
Red light blinks	Red light slow blinks (every 1 sec): Waiting for WiFi configuration
Blue light blinks	1. Blue light slow blinks (every 1 sec): Local internet connection proceeding. 2. Blue light quick blinks(every 0.25 sec): Cloud server connection proceeding and waiting for configuration.
Blue light solid on	Server connected successfully
Red and blue light blinks alternately	2 lights blink alternately (every 1 sec): Device upgrading. Please keep connecting with power.

## 1 Appearance Diagram

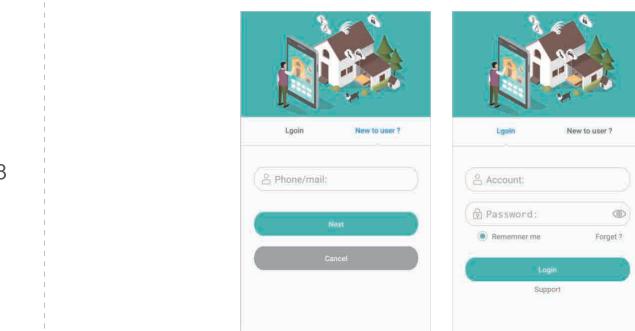


## 3 SPOT LIGHT CAMERA Accessories and installation instruction

Please note that the spotlight camera is 5V input, Please use the power adapter (100V~240V) included in the package.

## 4 Installation illustration

Please note that the spotlight camera is 5V input, Please use the power adapter (100V~240V) included in the package.



### 4.1 Installation notes:

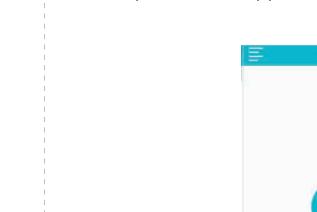
- Make sure the WiFi signal is sufficient for use.
- Height of installation from the ground is suggested around 2 meters/6feet.
- Default PIR setting for lighting on/off automatically is "Middle" (~6 Meters/18 feet)
- Default Motion detection setting is "Middle" (~ 5 Meters/15 feet)
- Prior to installation, please check all the accessories provided.

### 4.2 Installation instructions:

A. Fix the bracket with the screw, tighten the camera after adjusting the camera angle.

B. Connect the extension power cord with the power adapter, the indicator light goes solid red for 15 seconds then starts to blink. If it shows blue light blinking, you need to press the WiFi reset button for 3 seconds and wait for another 15 seconds

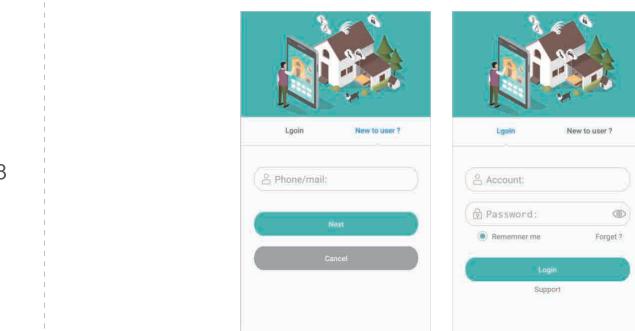
## 5 Download and install the app



Please choose the location where you would like to position your spotlight camera and check the strength of the WiFi signal using your smartphone.

## 6 Register and Login

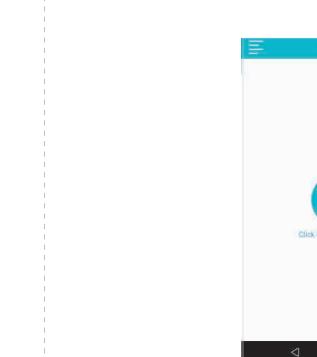
Open the app, click "new user" to register a new account, if you already have an existing account, please click "login".



## 7 Add Device

connect to the power after spotlight camera installation is completed. the indicator light goes solid red for 15 seconds then starts to blink. If it shows blue light blinking, you need to press the WiFi reset button for 3 seconds and wait for another 15 seconds

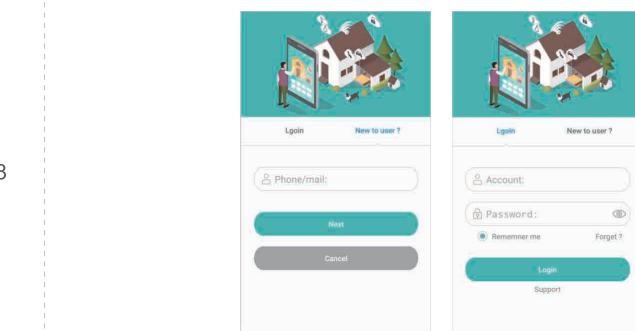
After scanning QR code, click "next" to enter "network setting" page. Please choose the 2.4 GHz network and enter the WiFi password then click "next".



## 8 Note:

- This camera only supports 2.4GHz WiFi network, Please do not choose 5GHz network.
- Do not use non-english letter in WiFi name.
- Do not use a WiFi without password for your privacy.
- Do not support WEP encryption.

After successfully adding, you can rename the camera



Congratulations! Camera has been successfully connected!

## 9 Camera blue indicator light blinking, then solid on

The camera blue indicator light blinking, then solid on

## 8 Lighting control and settings:

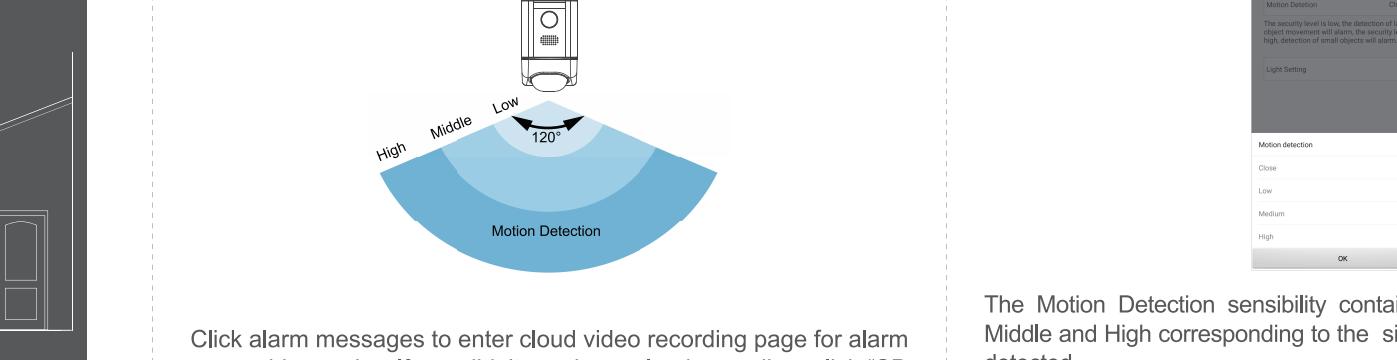
- Warning light
- Video recording
- Lighting control
- Speaker
- Print Screen

Click "security settings" to enter the secondary menu, including "PIR sensitivity" "floodlight time setting".

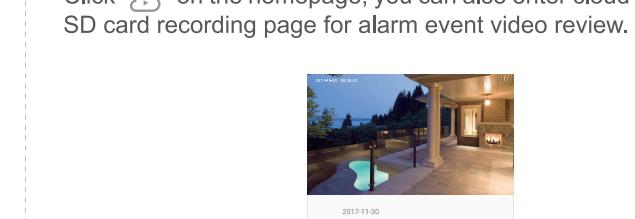


## DETAILS OF PIR SENSING AREA SET UP

When installation spot is 2M (6feet)high, the PIR sensitivity modes indicate: "High"— 9M(27feet) "Middle"— 6M(18feet) "Low"—4M(12feet)  
(Detection range can be affected by temperature and weather condition)

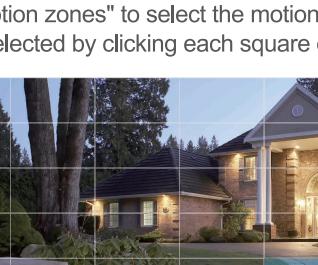


PIR sensing zone is divided into two 120° sectors: left and right, they can be switched on and off independently. As shown in the following picture.



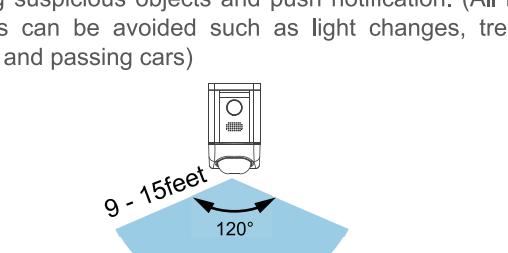
### PIR sensibility settings:

The low, middle and high modes are illustrated as sectors with different colors in the picture. The color changes represent changes of the PIR sensing distance. Low sensitivity mode has shorter sensing distance, while high sensitivity mode has longer sensing distance.



## 9 CAMERA VIDEO RECORDING AND ALERT PUSHING

A moving object can be detected by the camera either during the day or night with lights turned on, alarm triggered, video recorded, and a notification pushed to the cell phone through the app.



Click alarm messages to enter cloud video recording page for alarm event video review. If you didn't purchase cloud recording, click "SD video" for video review.

Click security setting to enter motion detection setting.

Click on the homepage, you can also enter cloud recording and SD card recording page for alarm event video review.



NOTED: When cloud storage is not available, alarm event can also be recorded by the SD card.

Click "security settings" to enter MD( Motion Detection) settings.



Advantage

Covers longer range sensing area can be adjusted.

Suspicious intrusion detection

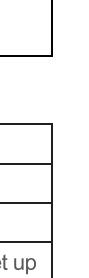
Accurate approaching

Suspicious intrusion objects detection, avoid false alarm

Disadvantage

There are chances to trigger false alarms.

Covers shorter range



Motion Detection can be only triggered within the selected area. The default selection is the entire area.

Click "security settings" to enter MD( Motion Detection) settings.



### FCC ID:2AJPAL860

#### FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to

the following two conditions:

(1) This device may not cause harmful interference,

and (2) this device must accept any interference received, including interference that may cause

undesired operation.

## 10 Suspicious intrusion detection

Click "suspicious intrusion detection"

the camera only alert to the

approaching suspicious objects

and push notification.

All kinds of

movements

can be avoided such as

light changes,

tree leave

movements

and passing cars

NOTE 1: This equipment has been tested and found to comply with the limits

for a Class B digital device, pursuant to part 15 of the FCC Rules. These

limits are designed to provide reasonable protection against harmful

interference in a residential installation. This equipment generates, uses and

can radiate radio frequency energy and, if not installed and used in

accordance with the instructions, may cause harmful interference to radio

communications. However, there is no guarantee that interference will not

occur in a particular installation. If this equipment does cause harmful

interference to radio or television reception, which can be determined by

turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which

the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

## 11 Camera sharing

Click the share icon on the homepage to share the camera videos

with friends and family members.

The person who receives the

camera share only has the permission to view.

Camera control is not

allowed in this situation.

## 12 FAQ

### • What is the recommended Internet speed for Spot light Cam?

For best streaming performance, we recommend 2 Mbps upload

and download speeds.

### • How to set up PIR sensitivity and sensing area?

PIR setting only controls lighting, please set it up according to the

installation environment.

PIR does not trigger camera recording or

alarm. When it is dark, please set the PIR sensitivity to "High" mode

so that the light can be turned on earlier than the camera, providing

lighting for video recording.

Camera doesn't have infrared light.

### • How to set up camera motion detection and Suspicious intrusion detection?

Camera motion detection (MD) and Suspicious intrusion detection

(HD) only control video recording and alarm. MD and HD do not

trigger lighting.

