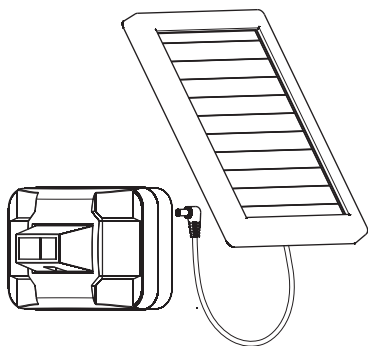


# Solar & Wireless Motion Sensor

## User Manual

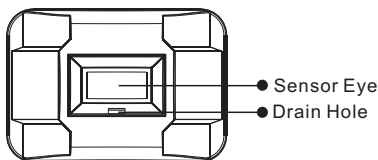


## 1. Configuration List

Wireless Motion Sensor	1 piece (includes 1 set installation accessories)
Solar Panel	1 piece (includes 1 set installation accessories)
English Manual	1 piece

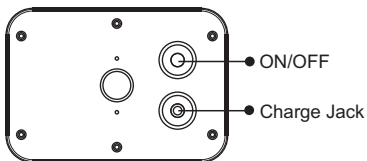
## 2. System Components And Usage

### Wireless Motion Sensor



**Sensor Eye:** detect the objects

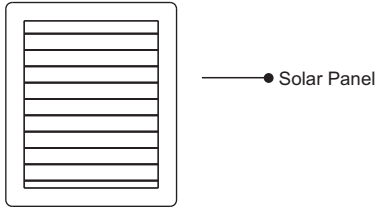
**Drain Hole:** used to drain out the rainwater (please note the drain hole must be at the bottom when you install the sensor)



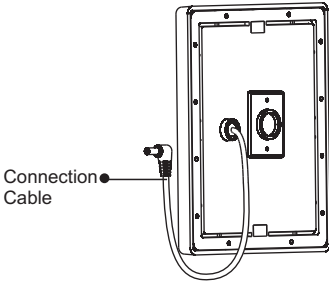
**ON/OFF:** turn on/off the motion sensor

**Charge Jack:** used to connect the solar panel or DC5V power adapter

## Solar Panel



**Solar Panel:** charge the battery of the motion sensor(face to the sunlight as possible as you can)

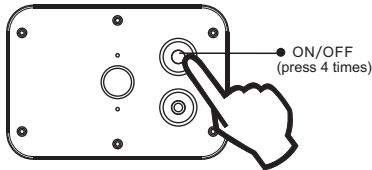


**Connection Cable:** the length is 1.8 meters,used to connect to the charge jack of the motion sensor

## 3. Operation Instructions

### Step 1

Turn on the Wireless Motion Sensor:Press the ON/OFF button 4 times



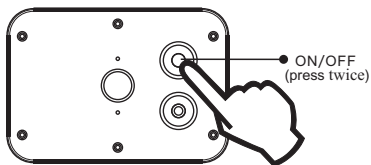
(bleep prompt means work normally)

## Step 2

### Activate The Wireless Motion Sensor

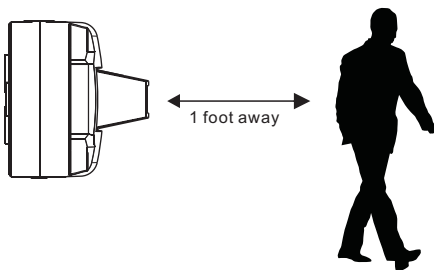
(wait about 30 seconds after you turned on the sensor)

**1st method:**press the ON/OFF button twice



(the light of the ON/OFF button will flash once means the motion sensor was activated and sent the alarm signal)

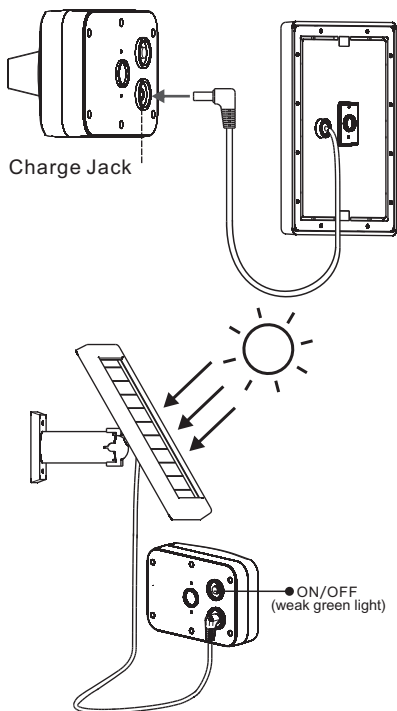
**2nd method:** Ensure the sensor is turned away from you and walk through in front of the sensor to activate



(the light of the ON/OFF button will flash once means the motion sensor was activated and sent the alarm signal; and then the motion sensor will back to work mode automatically after about 10 seconds if not detecting any movements)

### Step 3

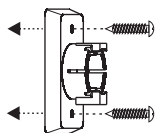
Connect the solar panel to the motion sensor



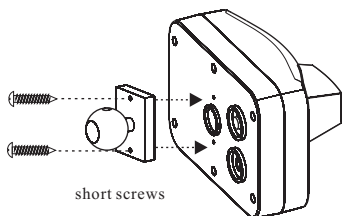
Note: if connection is properly, the ON/OFF button has a weak green light prompt for 30 minutes. Please try your best to make the solar panel face to the sunlight when you install it

## 4. Installation Instruction

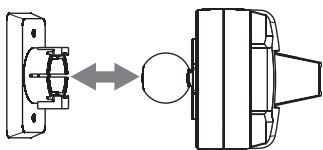
### Wireless Motion Sensor



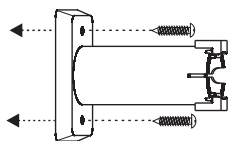
long screws



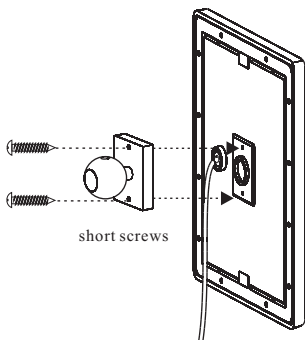
short screws



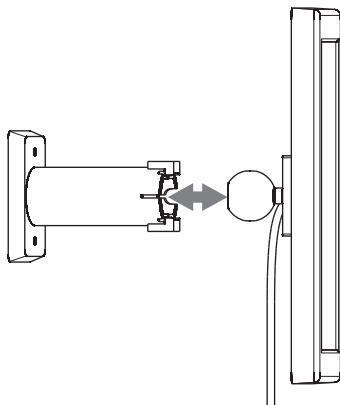
### Solar Panel

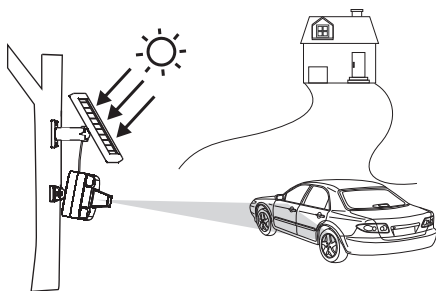


long screws

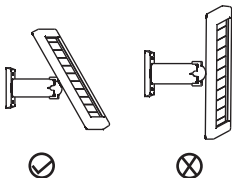


short screws

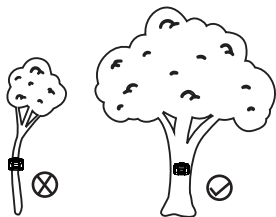




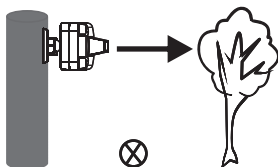
### Installation Notes:



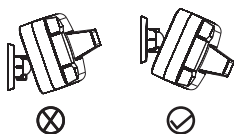
1. Please install the solar panel face to the sunlight or in a good light condition environment as possible as you can



2. Please fix the motion sensor tightly to ensure the position and the direction will not be moved easily by wind.



3. Please point the sensor towards a open field(not towards the trees or bushes)



4. please adjust the sensor a little down(not upward)

## 5. How To Adjust The Sensitivity Of The Sensor

The sensor has 3 sensitivities adjustable (High, Middle, Low)

### Step 1

turn off the sensor by press the ON/OFF button 3 times

### Step 2

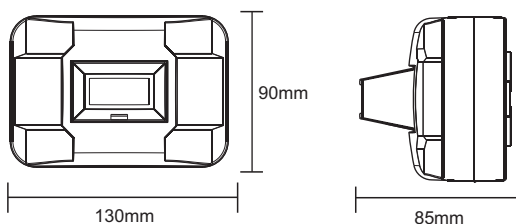
If select Low sensitivity---turn on the sensor by pressing the ON/OFF button 3 times

If select Middle sensitivity---turn on the sensor by pressing the ON/OFF button 4 times

If select High sensitivity---turn on the sensor by pressing the ON/OFF button 5 times

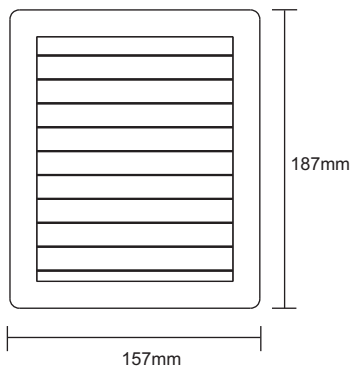
## 6. Technical Parameters

### Wireless Motion Sensor





### Solar Panel



### Technical parameters

Item	Technical Parameters
Detection Range	65 feet(20m)
Detection Angle	15°
Wireless Transmission Range	1/2 Mile(800m)
Wireless Frequency	434.6MHz FSK+FHSS
Working Voltage	3.2V
Battery Type	Chargeable LiFePO4 Battery
Battery Capacity	500mAh
Working Current	Static: 1mA; Alarming:60mA
Solar Panel Output Current	≥200mA in Sunny days
Working Temperature Range	-30℃ to 70℃

#### After sale-service:

Phone:(708)978-7098

E-mail:contact@saferhomee.com

FCC Warning Statement Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

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.