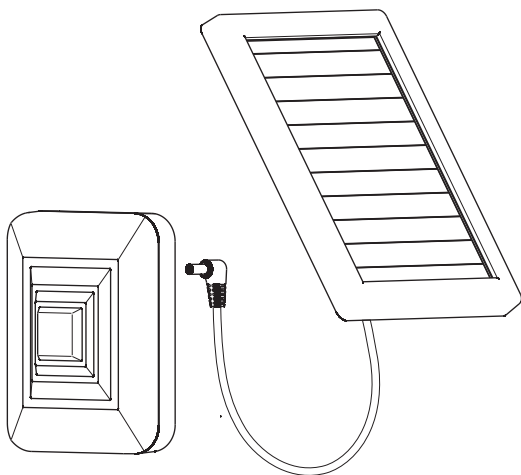


Solar&Wireless Radar Sensor

User Manual

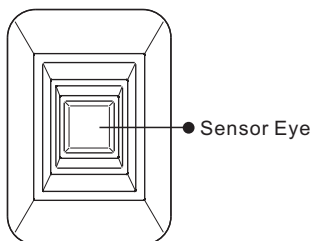


1. Configuration List

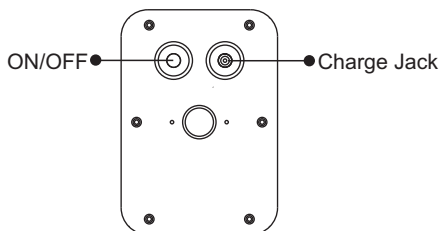
Wireless Radar Sensor	1 piece (includes 1 set installation accessories)
Solar Panel	1 piece (includes 1 set installation accessories)
English Manual	1 piece

2. System Components And Usage

Wireless Radar Sensor



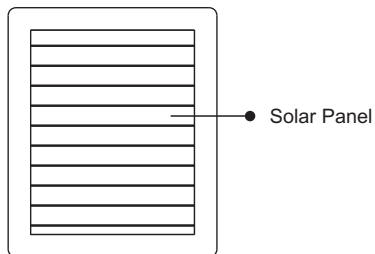
Sensor Eye: detect the objects



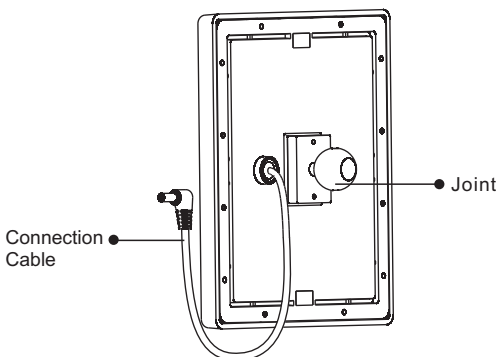
ON/OFF: turn on/off the radar sensor

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

Solar Panel



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

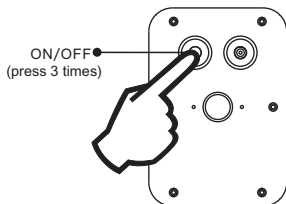


Joint : used to fix the solar panel to the installation accessories and the direction is adjustable
Connection Cable: the length is 3 meters,used to connect to the charge jack of the radar sensor

3. Operation Instructions

Step 1

Turn on the Wireless Radar Sensor: Press the ON/OFF button 3 times

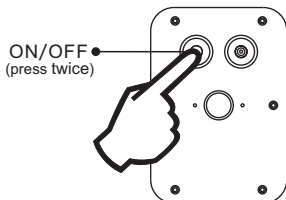


(bleep prompt means work normally)

Step 2

Trigger The Wireless Radar Sensor

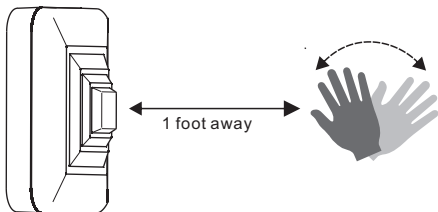
1st method: press the ON/OFF button twice



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

2nd method: stay still for 10 seconds, and then wave your hands in front of the sensor to activate

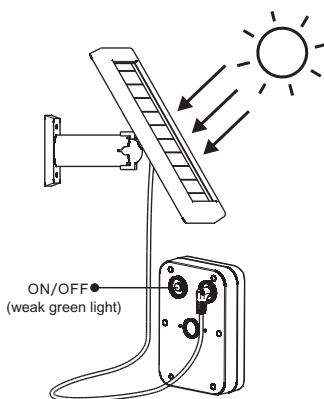
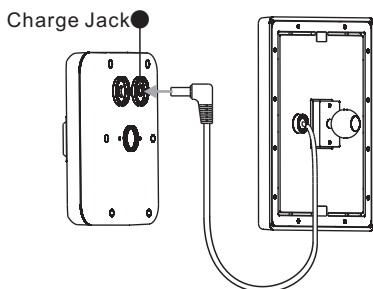
Note: within 30 minutes after turning on the sensor, the sensor has bleep prompt to let you know whether it is ready to be triggered:
 if the sensor is not ready to be triggered, there is a bleep prompt every 2 seconds;
 if the sensor is ready to be triggered, there is no bleep prompt;



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

Step 3

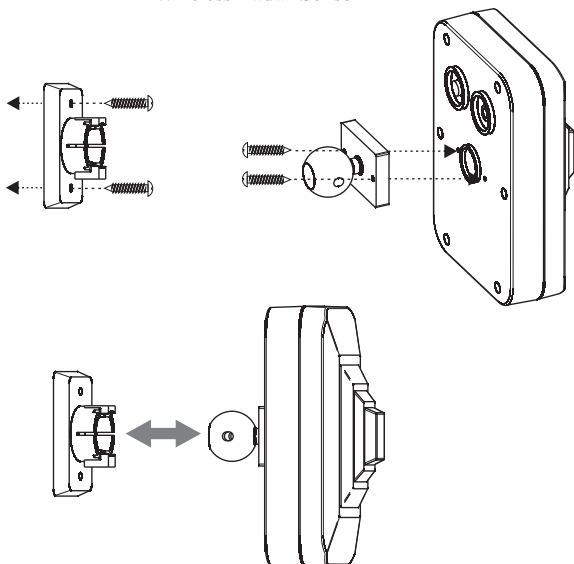
Connect the solar panel to the radar sensor



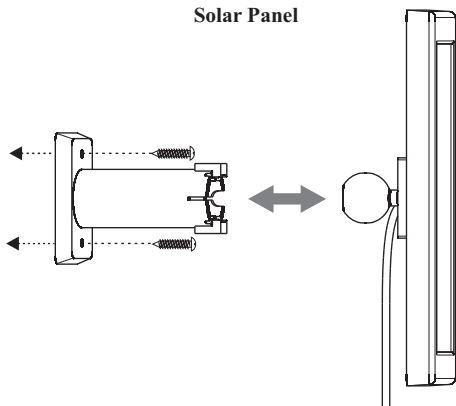
Note: if connection is properly, the ON/OFF button has a weak green light prompt, Please try your best to make the solar panel face to the sunlight when you install it

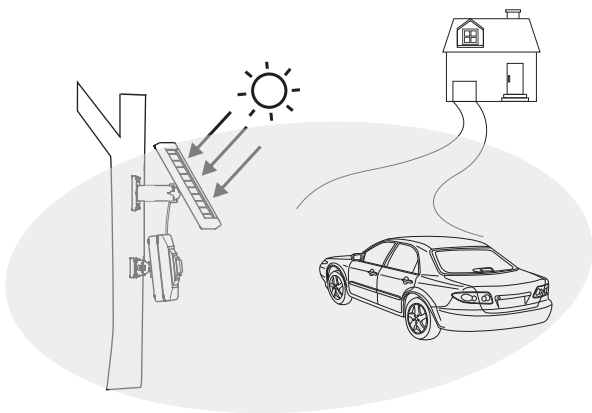
4. Installation Instruction

Wireless Radar Sensor



Solar Panel



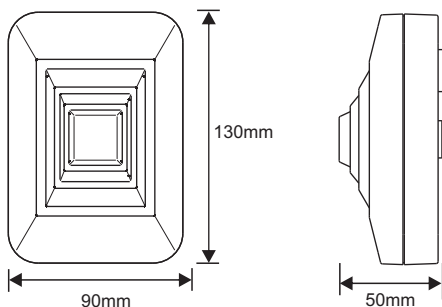


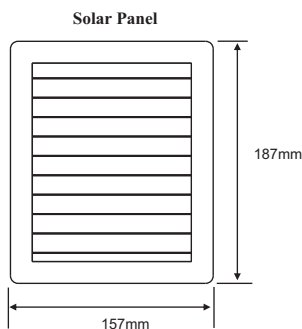
Installation Notes:

1. Please try your best to make the solar panel face to the sunlight
2. the working principle of the radar sensor is detecting all the movements around it (not only in front of it), so please do not install the radar sensor closed to/around/under the plants which will be shaken easily by the wind. it will cause some false alarms.
3. The radar sensor can detect the big size movements by passing through the walls. so please do not install the sensor at unsuitable environment.
4. please install the radar sensor 4-5 feet off the ground, and adjust the sensor eye a little upward or just point straight (not down). please install the radar sensor pointing up the driveway towards your house.

5. Technical Parameters

Wireless Radar Sensor





Technical parameters

Item	Technical Parameters
Radar Detection Range	It depends on the size of the movements If cars: up to 50 feet(15m) If a person weighting 50kg: up to 25 feet(7.5m)
Wireless Transmission Range	1/4 Mile(400m)
Wireless Frequency	434.6MHz FSK+FHSS
Working Voltage	3.2V
Battery Type	Chargeable LiFePO4 Battery
Battery Capacity	500mAh
Working Current	Static: 5mA; Alarming: 30mA
Solar Panel Output Current	≥200mA in Sunny days
Working Temperature Range	-30℃ to 70℃

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.