WOINNMM

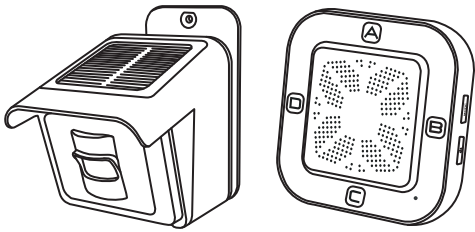## Wireless Motion Sensor and Driveway Alarm for Home Security System

User's Manual

Model:D01

Thank you for purchasing our products.
Please read and keep this manual carefully.
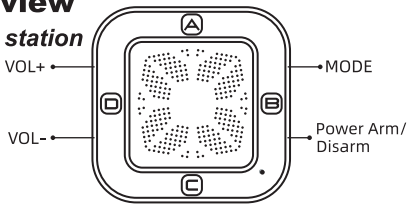Please feel free to contact us if you have any query.

Product introductions

●The home security alarm system includes a base station and a motion sensorfor indoor and outdoor use.The motion sensor has a waterproof grade of IP65.
●Built in lithium battery: The base station and motion sensor has built-in the high-capacity battery will keep the ultra-long standby time.
●Solar charging for Motion Sensor: The motion sensor can be charged with solar panels that you never do not need to take it down for charging after installation.
●Suitable for a variety of use scenarios–The motion sensor is an important part of any family safety solution. The waterproof motion sensors in the system use the pyroelectric infrared technology to detect the heat source of moving object, so that you can quickly receive the motion alarms of people, cars and animals in your driveways, front porches, gates, sheds, walkways and even hunting. Great for homes, businessesand offices.
●Long distance communication - Communication range up to1/2 milebetween the base station and motion sensorunder a clear or unobstructed space. Cars, people and animals can be detected within 30FT of each sensor's detection range. Use this system as your long-range doorbell.
●Easy to Install & expandable - This system is easy to install that only need 2 screws to fix it and expandable that can be set up within minutes. one receiver can expandable with up to 16 sensors for full coverage of your property. The sensors can be mounted to walls, fence posts, trees, or any other surface, providing extra layers of security and home safety.
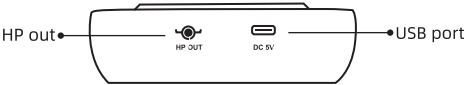
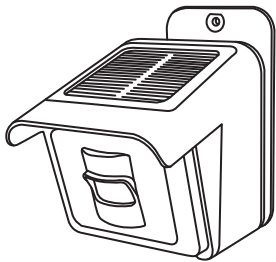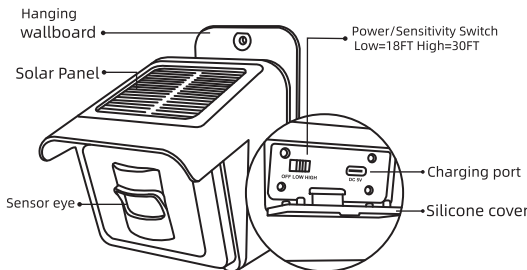## Overview
1.Base station

VOL+ — MODE
VOL- — Power Arm/Disarm

●VOL+
Press the Volume + button to increase the volume level of the base station.
●VOL-
Press the Volume - button to reduce the volume level of the base station.
●Mode
Press and hold the Mode button for 3s to enter the pairing mode and short press to change the zone number.
●Power
Press and hold the power button for 3S to turn on the base station.
Press and hold the power button for 3S to turn off.
●Arm/Disarm
Short press the Arm/Disarm button to switch between the arm and disarm modes.
Arm: Sound alarm and LED indication alarm are carried out simultaneously.
Disarm: only the LED indicator flashes.

HP out — USB port

2.Motion Sensor

Hanging wallboard
Solar Panel
Sensor eye
Power/Sensitivity Switch Low=18FT High=30FT
Charging port
Silicone cover

Operating instructions

1. Turn on/off the base station
The base station will power on automatically when USB is plug in.
Press and hold the Power button for 3seconds to turn on/off the base station.

2.Add(pair) a new sensor
If you want to add additional motion sensors that you need to pair the motion sensors with the base station. Please refer to the following steps.
a. First power on the base station and then press and hold the Mode button for 3 seconds to enter the pairing mode and the Zone A flashes quickly for 30 seconds and waiting for pairing.Short press the power button to exit the pairing mode.
b. Power on the motion sensor and wave your hand in the front of the sensor eye to trigger the motion sensor that you can see a red-light flashes once in the sensor eye.
c. The base station will produce a unique tone to indicate that the pairing has been successful. The zone number will be increased automatically, e.g. Zone A-> Zone B -> Zone C -> Zone D.
d. You can also specify this zone number manually that press and hold the Mode for 3S to enter the pairing mode and then short press the Mode button to change the zone number that your favorite, then wave your hand to trigger the motion sensorto complete the pairing.
Note:
1. You need to pair the motion sensor with the base station when you use it first time.
2. Each channel has independent music tips for easy differentiation.

3.Arm/Disarm Mode
Short press the Power button to change between the Arm and Disarm mode when the base station is on.
Arm Mode: Sound and red led indication alarm at the same time and the green led of power indicator is always on to show the status.
Disarm Mode:There is only light indication and no audible alarm when the motion sensor is triggered and the green led of power indicator flashes to show the disarm status.
Note: The base station is in arm mode by default and the green led of power indicator is always on.

4.Adjust the volume level of the base station
Press the Volume+/Volume- button to change the volume level of the base station.

5.HP out
If you don't want to disturb others, you can use the headphone output that will cut off the speaker out.

6.Low battery prompt
a.If the battery of the base station is low, the red power indicator on the base station will flashes quickly.It with voice prompt : "Base low battery, please charge ".
Please charge the battery in time.
b.If the battery of the motion sensor is low, the zone number indicator on the base station will flashes quickly. It with voice prompt : "Zone A/B/C/D Low Battery ,please charge ".
Please charge the battery in time.

7.Battery charging
●Base station
Charging mode: the red power led is always on.
Full Charge: the red power led will turn off and the green led will keep on.
●Motion Sensor
Charging mode: the red indicator flashes
Full Charge: the red power led will turn off.

8.Clear pairing lists from the base station
In the state of "power off",Press and hold the Mode button on the base station and then plug in the USB power until the four zone indicators turn off in sequence, the pairing listwill be clear.If you want to continue to use it, you need to pair it again.

How to installation the motion sensor

a.Installation method
Fix the hanging wallboard of the motion sensor on the wall/tree or the flat surface of other objects with the screws in the accessories.

b.Installation environment confirmation
The motion sensor uses a Pyroelectric infrared sensor to detect the infrared radiation temperature change of a moving object. The infrared changes around the installation environment have a great impact on it, so there are the following requirements for the installation environment:
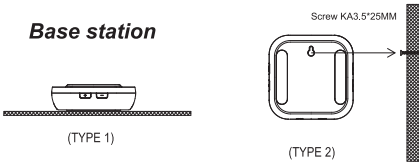
1)The sensor detection range cannot have air cooler or warm fan and other interference infrared changes, it is best not to have trees.
2)Avoid infrared sensor eye of sunlight, car headlights, incandescent lamps, etc..
3)Between the sensor and the detection object to avoid glass and allylic and other substances difficult to pass through the far infrared.
4)The sensor cannot be used to detect a heat source that is not moving or moving at high speed.
5)Electromagnetic interference or obstacles will reduce the wireless distance. Please avoid too many trees, walls and other obstacles between the sensor and the base station, and there must be no metal obstacles.

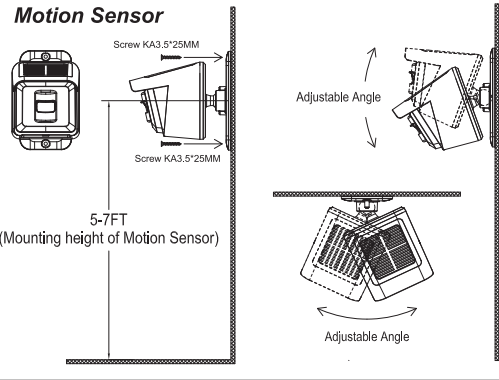### C. Motion sensor mounting height
Note:
1. The recommended installation height is 5-7FT.
2. The installation angle should be adjusted according to the height and distance of the object to be measured and the detection environment.
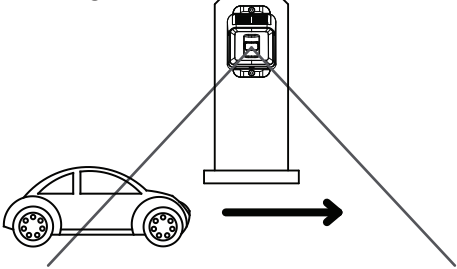
Base station

(TYPE 1)   (TYPE 2)

Motion Sensor

Screw KA3.5*25MM
Adjustable Angle
Screw KA3.5*25MM
5-7FT
(Mounting height of Motion Sensor)
Adjustable Angle

The Moving Direction

Specification description

Power Supply	USB 5V or built in 18650 battery with 1800mAh for the Base station and Motion Sensor.
Charge Current	600mA
Charge Time	about 4 hours
Battery Life	The battery of base station is rechargeable, on a single fully charged which can be work about half month. The battery of motion sensor can be work for 1 year. Note: The battery life ultimately depends on the trigger frequency of the motion sensor and base station.
Motion Sensor Detection Distance	Low Sensitivity ≦ 18FT Hight Sensitivity ≦ 30FT Note: Maybe affectedby the environment temperature.
Motion Sensor Detection Angle	89°for the horizontal direction
Wireless Distance	≦ 1/2 mile (In a clear or unobstructed space)
Work Frequency	433.92 MHz FSK
Wireless Transmit power	≦ +10dBm
Mounting height of Motion Sensor	5-7FT
Work Temperature	-4℉ to 140℉

Troubleshooting

●1.The sensor is not sensitive or misreported.
(a) Environmental impact of installation: Between the sensor and the detected object, should avoid glass, allyl and other substances that are difficult to pass through the far infrared.
The detection range of the sensor should not be disturbed by infrared changes such as air cooler or heater .
(b) It is related to the moving direction of the object, the vertical direction of PIR is the most sensitive, radial motion is not sensitive.
(c) Installation height and Angle:The recommended installation height is 5-7 ft .
The Angle should be adjusted according to the height, distance anddetection environment of the detected object.
(d) Whether the transparent lens of the detection window is scratched or dirty will affect the sensitivity of the induction .
(e) The detection distance may be affected by the ambient temperature. Try to select high sensitivity for confirmation.

●2.The sensors are installed indoors ,it cannot be charged by solar power.
The sensor working time about 1 year on a single fully charge. Before installation, you are advised to fully charge the battery. It can also work while charging. Try to install in outdoor sunny position.

●3.After a period of use, the sensor does not work.
(a) The product is completely-sealed and waterproof.
Check whether the silicone seal is not well covered,
Causing rainwater to run in, make the circuit components damaged and can not work .

(b) The installation environment causes the detector can not work. The detection window should not be covered by anything .
(c) PIR Sensor was damaged and cannot work (due to drop and vibration during transportation or installation)

●4.The alarm misreported.
(a) The first step is eliminate whether the alarm caused by the installation environment or not, you can try to cover the detection window with something, if it stops ringing, it can be judged as caused by environmental reasons, please refer to the Installation Environment Confirmation part of the instruction manual to exclude environmental impact .
(b) Try to reduce sensitivity and see if the problem can be eliminated.
(c) PIR Sensor is a sensitive device. Direct drop of the product may cause damage to the Sensor, which must be avoided during installation .
(d) If the above methods can not eliminate the problem, please contact our after-sales Team for technical support or replacement.

●5.Sensor wireless coverage is small.
Obstacle-freewireless transmission distance up to 1/2 mile. However, if there are too many trees, tall buildings, walls, metal and other obstacles between the base station and the sensor, or electromagnetic interference, the wireless distance will be reduced, and the installation position should be avoided as far as possible.

FCC Radiation Exposure Statement:

Note: 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.

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

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.

WOINNMM (€ FC 🗑

POWER:DC 5V(AC Adapter)
FCC ID:2A7ITYHW-D01
MADE IN CHINA

NOTICE:

(1)Do not remove or modify this product for any reason.

(2)Do not expose the product to low or high temperature environment.

(3)Do not put your ear close to the speaker, which may cause permanent deafness.

(4)Do not scratch or dirty the transparent lens of the detection window.

(5)Do not allow the PIR Sensor to fall off directly. This may damage the PIR Sensor.

(6)Do not let the base station inflow-water and the motion sensor must be covered with silicone cover.

WARRANTY CARD

Warranty period:
The warranty period of this product is 12 months from the date of purchase(non-human damage).
Quality Assurance Service:
(1) This product is in the period of warranty,any defective caused by the quality of the product(only limited to non-human damage),
please use this warranty card to get in touch with the dealer to enjoy the warranty service.
(2) Our warranty service does not include the freight of repair products and door-to-door service.
The user not entitled to quality assurance service as below clauses:
1.No warranty card or product repair label was damaged;
2.Damage caused by user's disassembly;
3.Man-made damage caused by serious falls, water inflowetc....
4:Failure or damage caused by force majeure.

Customer Service Information

Name	
Phone	
Address	
Model	
Malfunction	
Date of purchase	
Maintenance date	