

Indoor/Outdoor Wireless Motion Sensor and Driveway Alarm for Home Security System

User's Guide

MODEL:HS-003



Start setting up your product

Install the battery
 a. First remove the battery cover of the base station and insert 3pcs AA batteries (Not included) in the reference direction.



cover of the motion sensor and insert 2pcs CR2450 button cell (Included) according to the polarity direction painted below. Rotate counterclockwise to lock the battery cover.

Overview

eMACROS H5:003 is a motion sensor and
driveney alarm home security system for
indoor and outdoor use.
Wide Range of Uses - Motion detection is an
essential part of any home security solution.
The waterproof sensors in this system uses
a Pyroelectric infrared (IRR) motion sensor
a Pyroelectric infrared (IRR) motion sensor
quickly be alerted to movement on your
rivewary from porth, gate, shed, walloway,
or even swimming pool (for when kids get
too close). Great for homes, businesses
and offices.

and offices.

Long Distance Wireless - Communication range up to 500FT (150 Meters) from each sensor to the receiver. Cars, people and animals can be detected within 24 FT/8 Meters of each sensor's angled eye. Think of this system as your long-range doorbell.

Operating instructions

Turn on/off the base station
 The base station will power on automatically when USB is plugged in or battery powered.
 On Mode: Press and hold the Power button for 3seconds to turn on the base station.
 OFF Mode: Press and hold the Power

button for 3seconds to turn off the base station

Easy to Install & DIY - This system is fully-expandable, with plug-and-play sensors that can be set up within minutes. Pair each receiver 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.

IC STATEMENT
This device contain inconce-enemys transmitterful/ moleiverful
that comply with inconsistins, Science and Economic Development
Comanda's Triemer-eneming RSSQL Operation is subject to the
following two conditions:
(1) This device must accept any interference, including
terreference that my cause undexiended operations of the device
terreference that my cause undexiended operations of the device.



2. Pairing (Add Sensor)

2. Pairing (Add 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. The base station will enter the pairing mode automatically when the USB is plug in or the battery is inserted that you can also press and hold the Mode button for 3 seconds to enter the pairing mode and the

1 Base station





blue indicator with Zone 1 flashes quickly for 30 seconds and waiting for pairing.



b. 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.



station, and there must be no metal obstacles.

2. Installation method
a. Use the 3M back glue to stick the magnetic suction support directly on the wall or other objects with flat surface. b. Fix the magnetic suction support on the wall or the flat surface of other objects with the screws in the accessories.

Power on/off Press and hold the Power button for 3S to turn on/off

Mode Press and hold the Mode button for 3s to enter the pairing mode and short press to select the zone number.

Volume -Press the Volume - buttom to reduce the volume level of the base station.



2. Motion Sensor

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Press the Volume - buttom to reduce the volume level of the base station.



Technical parameters and troubleshooting

Technical Parameters
 Pewer Supply, USS 5V or 1.5V Ab. Dry.
 Battery with 3EVs for lass station; 2RCS
 Button cell with CR2450 for motion sensor.
 Battery Life Sea station can work
 for about 3 months; Motion Sensor can work
 for about 4 months.
 Note: The battery life ultimately depends on the trigger requiency of the motion sensor.
 Informate (PWI) Delection Distance: Maximum 24 FT/8 Meters (iffected by the environment temperature).

Wireless Distance: 150Meters (open place)

sensor.

Note: You need to pair the motion sensor with the base station when you use it first 3. Adjust the volume level of the base station

d. You can also specify this zone/channel 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/channel number your favorite channel, then wave your hand to trigger the motion

Volume +
Press the Volume + buttom to increase the volume level of the base station.

4. Low Battery Prompt
a. If the battery of the base station is low, it
liground base power low. Please replace
the battery in time.
b. If the battery of the motion sensor is low,
the base station will prompt the Channel X
power low (The X is stands for channel number).
Please replace the battery in time.

5. Clear pairing records from the

5. Clear pairing records from the base station Press and hold the Mode button on the base station and then plug in the USB power or insert the AA battery until the four digital indicators turn off in turn, the pairing records are clear.

Transmit Power: less than 10dBm Alarm sound: 120dB Installation height: 6 - 7 FT (1.8 - 2.1 Meters) Work Temperature: -4°F to 140°F(-20°C to

. Troubleshooting

•

Installation the Motion Sensor

firmationThe motion sensor uses a Pyroelectric infrared sensor to detect the infrared radiation temperature change of a moving object.

2) Motion Sensor detacts the movement of an object and works only part of the time. An Pleaser refer to the previous installation instructions and try to adjust the installation instructions and try to adjust the installation to height and angle of the motion sensor to obtain an optimal detection angle. b. Ensure that the detected object is within the wall drange of infrared detection of the motion sensor or try so shorten the discrete between the sensor and the detected object.

object. c. If the problem cannot be solved, please contact us for more help.

3) Sometimes the system is giving some false alam.
a. Please try to cover the detection window of the sensor with something to confirm whether there is any false alam. In that way, the environmental interference can be eliminated first.
b. If there is no false alarm after cover the

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;

Ja Avoid direct infrared sensor eye of sunlight, car headlights, incandescent lamps, etc.;

Between the sensor and the detection object to avoid glass and allylic and other substances difficult to pass through the far infrared;

The sensor cannot be used to detect a heat source that is not moving or moving at high speed.

night 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

5) The system is not getting expected transmission range.
a. Check whether the battery of the motion sensor is in low power state. If so, please charge or replace the battery in time.
b. Ensure that all equipment is installed away from metal obstacles and other electrical equipment.

Manufacturer: Shenzhen Macross Automaton Co., LTD.
Co., LTD.
Address of Manufacturer: Room 301-3, #5 Building,
Jianghao Technical Park, Bantian St, Longgang District,
Shenzhen

S'enthèm .

We declare that this device is in compliance with the escential requirements and other relevant provisions. Our modut does not contain an ACCV designer. You need to purchase the AC SYLA in compliance with the directive 2014/2007/Used near the equipment and shall be easily accessible.

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3. Installation height for the motion

Note:

1. The recommended installation height is
6 - 7 FT(1.8 - 2.1 Meters).
2. The installation angle should be adjusted according to the height and distance of the object to be measured and the detection

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This equipment has been tooled and found to comply with the limits for a Class if digital device, pressure to Part 35 of PCT falls. These three was designed to provide a PCT falls. These times are designed for PCT falls. These times are designed for provide residential installation. This equipment greates use and can adone and the requipment greates use and can adone and the requipment greates and the part of the part of

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you.
If you have any query, please contact our support team at macross.service@outlook.com

a. Make sure the power supply of the base station is normal.
b. Make sure the motion sensor and the base station in the valid range, please try to shorten the distance between the sensor and the base station.
c. Make sure the motion sensor and the base station has been paired correctly and successfully.

detection window, please refer to the previous installation instructions and try to adjust the installation height and angle of the motion sensor to obtain an optimal detection angle. C. If there are still some false alarms, please contact us to replace the faulty sensor.

contact us to replace the faulty sensor.

All the system spec off continuously
as Plauses that cover the detection vandow
the sensor with something to confirm
whether there is any false alarm. In that
way, the environmental interference can
be eliminated first.
bit there is no go off after cover the detection
window, please refer to the previous
residation instructions and it yo adjust the
sensor to obtain an optimal detection angle.
c. If it is still continuous go off, please
contact us to replace the faulty sensor.



