

## WIRELESS DRIVEWAY ALARM

INSTRUCTION MANUAL MODEL:HY-001



Hosmart was founded in 2012, the branch of a group of friends who previously designed Motorola products. Fast forward a few years and we're now the industry leader in home intercom and security products.

Our vision is to create a global world leader in home intercom solutions and products. We design and engineer intelligent residential home solution and intercom systems. Our company philosophy is to direct our efforts based on our client's wishes.

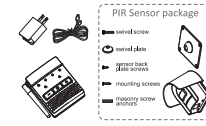
We want you to have the best possible experience with our products. We also offer superior customer service to address damaged or defective products.

If you have any questions with the unit, please contact us by navigating to [www.myhosmart.com](http://www.myhosmart.com), then click **Warranty**, and fill out the form, we will assist you as quickly as possible.  
Phone: (626)-620-3571  
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### Overview

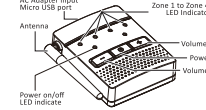
The Wireless Motion Alert has a range of up to 1/4 mile (400 meters). It uses a Passive Infrared (PIR) Motion Sensor to detect movement of people and vehicles while allowing small animals to pass through undetected. The Base Station is powered by an AC adapter or 4 AA batteries in the event of a power outage.

### Carton Inventory



### Operation & Features

#### 1. Base Station



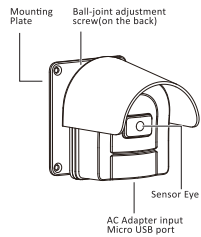
**On/Off**  
To turn the Base Station on or off, hold down the Power button until you hear the on/off tone. The power red light will illuminate when Base Station is on.

**Volume**  
The Base Station is equipped with adjustable Volume +/- controls. The lowest volume setting mutes the volume. Volume adjustments will be heard on subsequent alarm activations, not while adjustments are being made. Powering off the base station will reset the volume to the factory setting.

**Zone/Line 1 to Zone/Line 4 LED Indicators**  
When motion is detected the corresponding Zone LED indicator will flash.

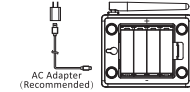
**Note: When detecting movements, a sensor will flash red only when assigned to lines 1 and 2, not lines 3 or 4.**

### 2. Passive Infra-Red(PIR) Motion Sensor

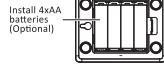


### Assembly & Setting

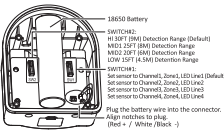
#### a. Plug in the Base Station.



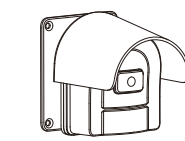
b. 4AA batteries are optional if necessary. Receiver can also run on batteries as backup in case of power outage for 2 weeks.



c. Install 18650 battery in PIR Motion Sensor. Plug the small battery wire terminal into the connector.



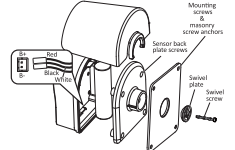
d. Test the PIR Motion Sensor by waving your hand in front of the sensor. The Base Station will produce a unique tone based upon the sensors Switch #2 setting.



e. Before installing the PIR Motion Sensor, recharge the PIR Motion Sensor (with 18650 battery attached) over 4 hours to ensure a full charge. The blue light will turn off once the battery is fully charged.

**Note: When fully charged (over 4 hours) the 18650 batteries in Sensor will operate up to 1 year, depending on use.**

f. PIR Motion Sensor order of assembly. Please use the correct screws, when assembling and mounting the sensor, to ensure proper sensor stability and operation.

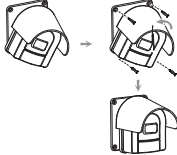


### PIR MOTION SENSOR INSTALLATION

a. Mount the PIR Motion Sensor vertically on a solid surface 3-5 feet (1-1.5m) above the ground (rotate sensor to access screw

holes). The sensor should be able to swivel as needed.

b. Attach the protective shield and position it to protect the unit from falling precipitation.



### Vehicle Alert Installation:

For cars, the best mounting position is about 4 feet (1.2m) high, between 10-25 feet (3-7.5m) from the road, and angled to see the back of the car after passing the sensor.

### Troubleshooting

● **The PIR Motion Sensor operates, but the base station does not respond.**  
Check the sensor switch settings (see Page 8) and make sure the battery wire is securely plugged into the connector.

● **PIR Motion Sensor is detecting motion only part of the time.**  
Set the PIR Motion Sensor Switch #1 to the high sensitivity setting (see Page 8). To detect vehicles, it is best to mount the PIR Motion sensor at the height of a car's motor and from 10 to 25FT (3-7.5m) away from the road. Swivel the sensor to obtain the best line of sight to a vehicle.

● **The system is giving false alarms.**  
Check for moving tree branches or insects in the sensor window and remove as necessary. PIR Motion Sensors can also be triggered by light shining directly (or reflected) into the sensor window. It is also possible that condensation has built up on the sensor. Wipe condensation from PIR Motion sensor with a cotton swab. Detach the 18650 battery and let the sensor dry inside for a few hours, open to the air. The sensor should correct itself once dry. Check the Sensor Switches on the PIR Motion Sensor (see Switch settings.)

● **The system is not getting expected transmission range.**  
Ensure that the PIR Motion Sensors are vertically aligned, not attached to

the far side of a tree, and away from metal objects. Ensure that the Base Station antenna is vertical and has the clearest possible line of site to the sensors. The fewer objects between the devices, the longer the range.

### Limited 24 months Warranty

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In the event of a product defect during the warranty period, contact the Seller to obtain an RMB#, and then return the product, along with the sales receipt as proof of purchase date, to Seller. The Seller will, at its option either correct the defect by product repair without charge for parts and labor; replace the product with one of the same or similar design or refund the purchase price.

All replaced parts and products and refunded products become the property of the Seller. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repairs on products no longer covered by warranty.

For all returns, please write down the RMB# and return date on the outside of the package. This will speed up the process of handling your return and issuing a refund or providing you with a replacement. Refunds are not issued for products no longer covered by warranty. The warranty will not cover replacements in cases where damage or failure is caused by, or attributable to: (a) acts of God, abuse, accident, misuse, improper abnormal usage, failure to follow

instructions, improper installation or maintenance, alteration, lightning or other instance of excess voltage or current, (b) any repairs other than those provided by the Seller, (c) consumables such as fuses or batteries, (d) cosmetic damage, (e) transportation, shipping or insurance costs, (f) or costs of product removal, installation, set-up, service adjustment or reinstallation.

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and public holidays. We apologize for any late replies during holidays.

### FCC STATEMENT

Power: 5V DC 1000mA  
Backup Battery: DC 14AA for the Base Station.  
FCC ID: 2A1EM-HY001  
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.

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

- This radio is designed for and classified as "General population (consumer) use"  
- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed 0dB by the manufacturer declared.  
- DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.  
- During operation, the separation distance between user and the antenna shall be at least 20cm. This separation distance will ensure that there is sufficient distance from a properly installed externally-mounted antenna to satisfy the RF exposure requirements.  
- During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so. DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

This product produced by:  
Macross Microelectronics (HK) LIMITED  
FLAT/RM KY001 UNIT 3 27/F HO KING COMM CENTRE NO.2-16FA YEEN STREET MONGKOK, K.L.

正面

背面

尺寸 : 375\*210mm