



# SIXPIRA

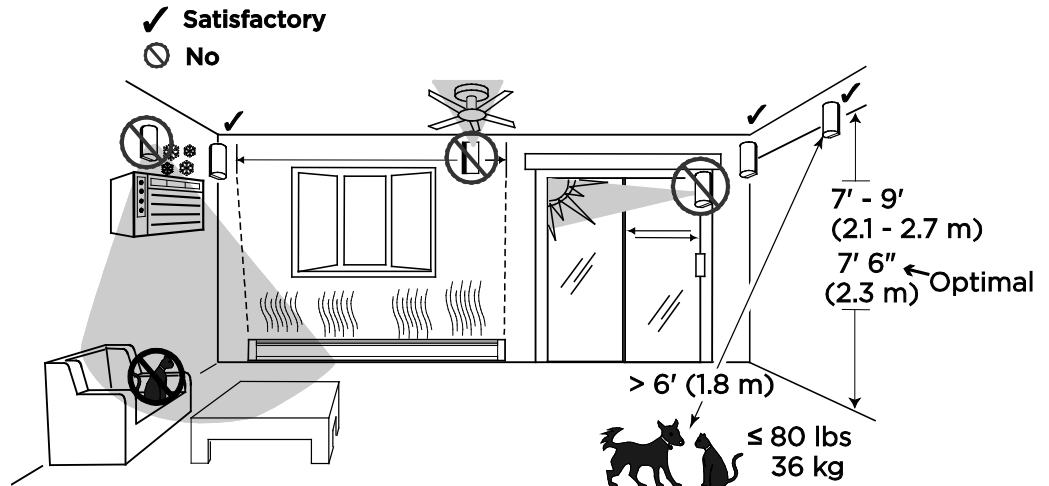
## Wireless Passive Infrared Motion Sensor

### Installation Instructions

This wireless passive infrared motion sensor is intended for use with controls that support SiX™ series devices.

#### Mounting Location

- The optimal range is obtained at a mounting height of 7' 6" (2.3 m).
- Allow a clear line-of-sight to all areas to protect.
- Do not directly face windows.
- Avoid close proximity to moving machinery, fluorescent lights, and heating/cooling sources.
- For use in applications with pets up to 80 pounds (36 kilograms).



In Applications with Animals:

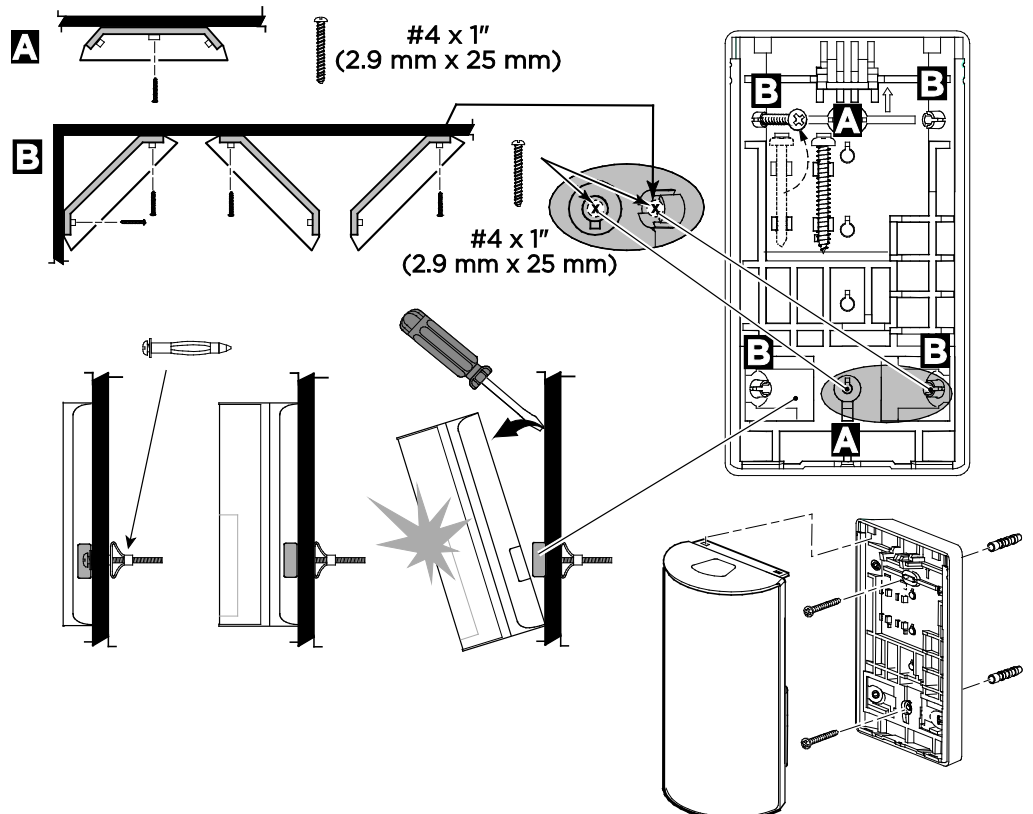
- Mount with the center of the device at 7.5 feet (2.3m)
- Mount where pet cannot come within 6 feet (1.8m) of the sensor by climbing on furniture, stairs, boxes or other objects.
- Test each installation to determine exact level of animal immunity; levels vary based on environmental differences and the amount of heat radiated by an animal.

#### Mounting Options

After enrolling, verify adequate signal strength by conducting a walk test (see the controller's instructions) with the device in its intended mounting location. Adjust the device location and orientation as necessary.

The SIXPIRA can be mounted on the wall or in corners:

- **[A]** = Wall mounting holes.
- **[B]** = Corner mounting holes.
- The rear tamper plate **MUST** be mounted to a stud, solid wood, or with a robust wall anchor.

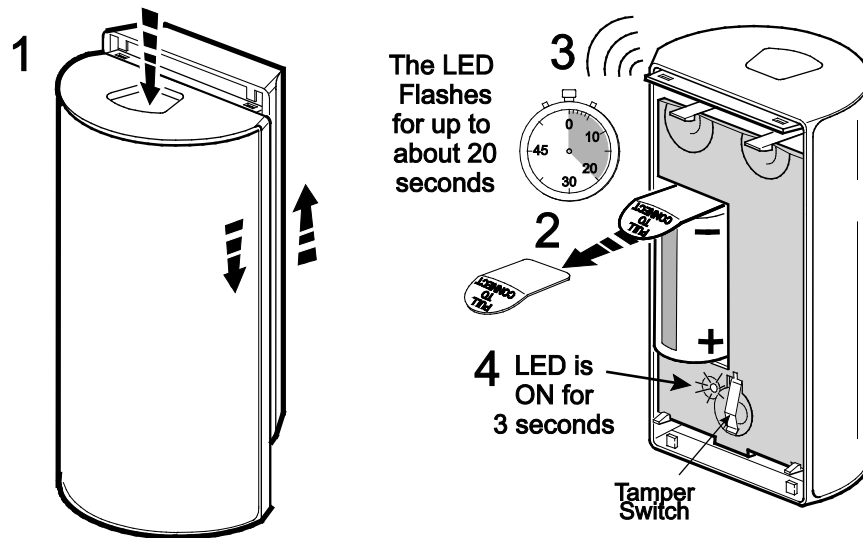


## Enroll the SIXPIRA

To enroll the device, use the programming application. When prompted, activate the device by pulling the tab on the battery (use the tamper switch if the battery tab has been removed).

### NOTES:

- If the sensor is not successfully enrolled during the enrollment period, the LED turns off and the device enters a sleep mode. Activate a tamper or remove and reinsert the battery to restart the enrollment process.
- Pet Immunity is selectable: Off or Up to 80 bs (36 kg).
- Once enrolled in a system, the sensor cannot be used with another controller until it is removed from the current controller. See the Controller's instructions for details.

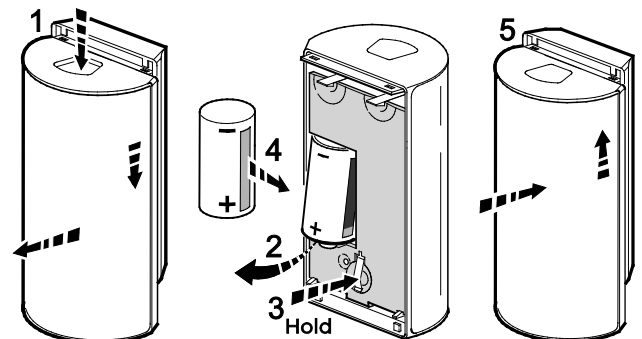


## 24-Hour Enrollment Deletion and Default

If the device is enrolled in a panel different than the intended panel, and you are unable to delete it from the unintended panel, reset default the device to factory default setting:

1. Open the cover and remove the battery.
2. Hold down the tamper switch while reinserting the battery.

This procedure is available for 24 hours after enrollment with a panel and the device remains powered (battery installed).



## Walk Test the SIXPIRA

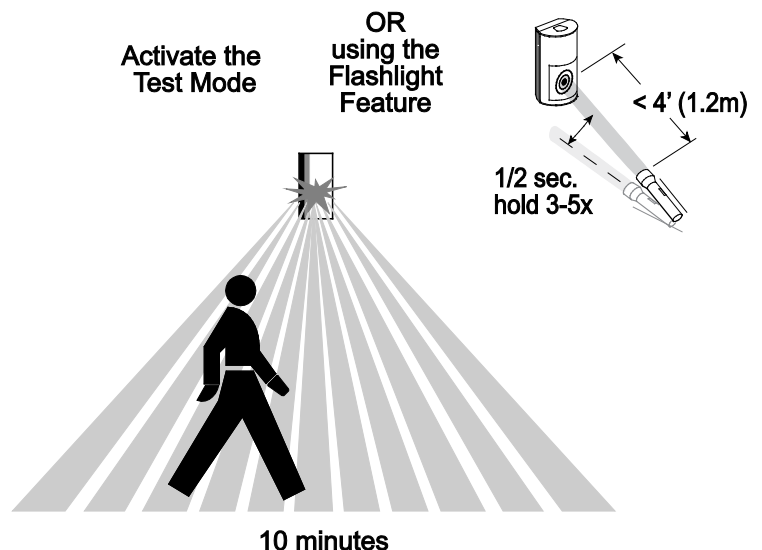
After power up and enrollment, the sensor automatically enters Walk Test mode.

Walk through the detection area and observe the LED.

After 10 minutes, the sensor automatically exits Test mode, disables the LED and enters normal operation mode.

To restart a 10 minute Test period, activate the Test mode with the controller (see the Controller's instructions), or use the flashlight feature (see the following section).

**NOTE:** the system must be **disarmed** to enter Test Mode.

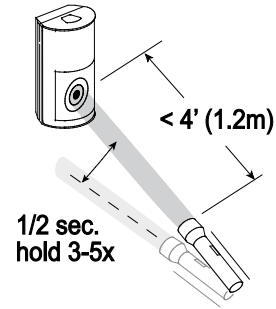


## Flashlight Feature

The flashlight feature is only available for the first 24 hours after the first power up, or until the system is first armed. **This feature is no longer available after the first system arming.**

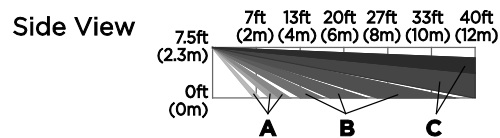
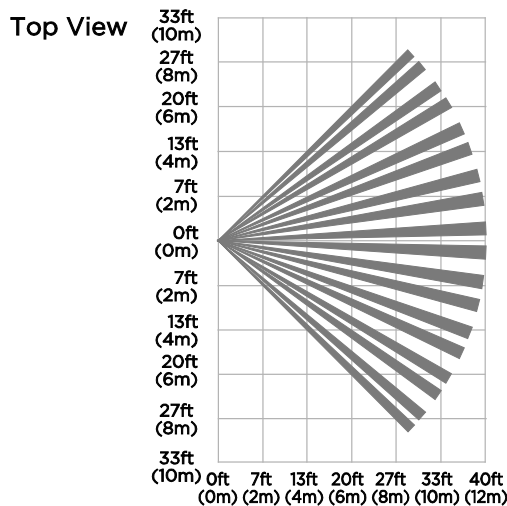
Each time the flashlight features is used, and the system is disarmed, the walk test timer restarts for 10 minutes.

1. Use a flashlight with a bright light beam, and stand within 4' (1.2 m) of the sensor.
2. Swing the light beam past the sensor Lens 3-5 times, holding the beam on the window for 0.5 second each pass.



**NOTE:** the flashlight feature only initiates or restarts the Test Mode and does not change any other sensor settings.

## Detection Patterns



### Zones

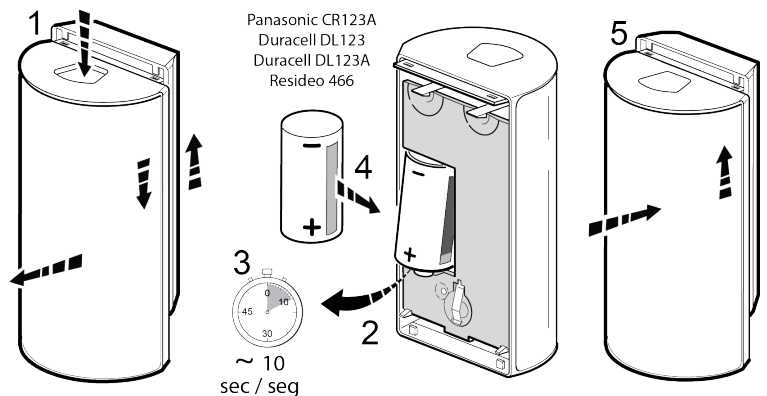
|   |    |              |
|---|----|--------------|
| A | 18 | Lower        |
| B | 46 | Intermediate |
| C | 36 | Long         |

## Battery Replacement

- Press the latch at the top of the device and slide the front cover down to remove it.
- Remove the battery and wait 10 seconds, then insert a new battery. Recommended batteries:  
Panasonic CR123A    Resideo 466  
Huiderei CR123A    Duracell DL123A
- Place the front and back covers together and slide the front cover upward as shown.

**BATTERY CAUTION:** Risk of fire, explosion and burns. Do not recharge, disassemble, heat above 212°F (100°C) or incinerate. Dispose of used batteries properly. Keep away from children.

**NOTE:** Constant exposure to high or low temperature or high humidity may reduce battery life.



## Specifications

**Range:** 40' x 56' / 12 m x 17 m

**Wall Mounting Height:** 7' – 9' (2.1 m – 2.7 m); Optimal 7'6" (2.3 m)

**Battery:** 1 x 3V, Lithium; Panasonic CR123A, Duracell DL 123A, Huiderui CR123A, Resideo 466

**RF Frequency:** 2.4GHz

**Tamper:** Cover and Wall

**Operating Temperature:** 32° – 122°F / 0° – 50°C (Agency Compliance 32° – 120°F / 0° – 49°C)

**Relative Humidity:** 95% max. (Agency Compliance - 93% max.), non-condensing

**Dimensions:** 4.13" H x 2.38" W x 1.61" D / 105 mm H x 60.4 mm W x 41 mm D

**Weight:** 3.97 oz / 112.67g (net weight)

## Approval Listings

FCC / IC

cETLus Listed

Conforms to UL 639

Certified to ULC-S306-03

Other Standards:

SIA-PIR-01

RoHS



**The product must be tested at least once each year.**

### FEDERAL COMMUNICATIONS COMMISSION (FCC) & INDUSTRY CANADA (IC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

#### CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- If using an indoor antenna, replace it with a quality outdoor antenna.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

#### INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

#### FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. 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.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'Industrie Canada. Son fonctionnement est soumis aux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

### RF EXPOSURE

**Warning** – The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

### Mise en Garde

**Exposition aux Frequences Radio:** L'antenne (s) utilisée pour cet émetteur doit être installée à une distance de séparation d'au moins 7,8 pouces (20 cm) de toutes les personnes.

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL WITH WHICH THIS DEVICE IS USED, FOR DETAILS REGARDING LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

U.S. warranty / U.S. garantie / U.S. garantie

[www.resideo.com](http://www.resideo.com)

For Technical Support, call 1-877-748-7628, option 3  
For documentation, call Customer Service at: 1-800-238-2727  
(1-800-ADT-ASAP).



800-21341-1B 6/18 Rev B

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