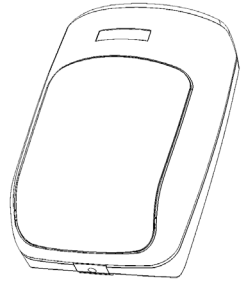


## Motion Sensor

The **JAQX Motion Sensor** alarms when motion is sensed or when the external contact is opened. It is battery powered and requires no installation tools. A Pyroflex™ sensor with HighBar™ signal processing allows for industry-leading pet immunity and catch performance.

### Features

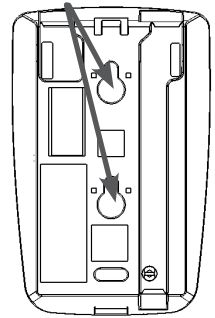
- Supports both motion zone and an external contact zone
- Mountable on walls or in corners
- 5 year warranty



### Enroll

- Place the JAQX Smart Hub into wireless enrollment mode by pressing the external red button for 3 seconds until hub beeps.
- Send an enrollment signal from the motion sensor by removing the battery tab or removing the cover to trip a tamper. NOTE: The battery tab is located inside the motion sensor. To open the cover, press the button latch on bottom of sensor.
- Confirm that the motion sensor has been properly enrolled by checking for new zone on your JAQX App or in your customer portal.
- Once the sensor has been enrolled on your system, turn off sensor enrollment by pressing the external button on the JAQX smart hub for 3 seconds or until hub beeps.
- Call JAQX customer support to rename your sensor

Mounting Screw Holes



### Installation

Use the included 3M VHB® tape to adhere the motion sensor on a wall or in a corner. The tape should be applied to the back when wall mounting or to the back bevels when corner mounting. Alternatively, screw mounting can be done by punching out the screw mounting holes.

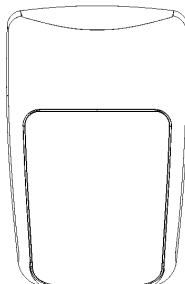
### Installation Tips

- Mount 7.5 to 9.5 feet from the floor for an optimal balance between catch performance and pet immunity.
- Remove the cover and circuit board before trying to punch out the screw mounting holes.
- Ensure the bug foam stays intact and snug around the IR sensing element when re-installing the circuit board.

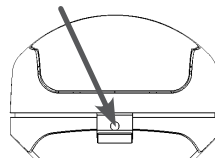
Ceiling



Floor



Cover-Securing Screw Hole



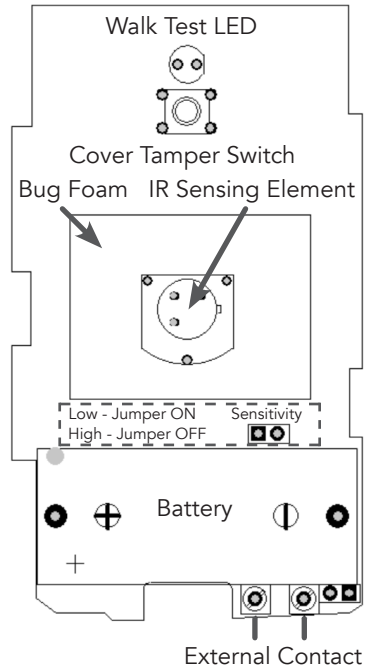
## Walk Test

To test your motion sensor, press the sensor's tamper button. The walk test lasts three minutes.

### Walk Test Operation

- After pressing the tamper button, the walk test red LED light turns on when motion is sensed.
- When the red light comes on (detecting motion) The motion sensor performs a re-calibration that takes about 30 seconds. The sensor will NOT sense motion during the re-calibration. During this time walk out of range of the motion sensor.
- After 30 seconds, walk back into range of the sensor. The LED will come on when detecting motion.
- **IMPORTANT** - Once the Walk Test has ended, the red LED light will not come on when detecting motion. This is to help conserve battery life of sensor.

3M VHB Tape works great if the surface is properly prepared and firm pressure is applied for over 10 seconds. Ensure the mounting surface temperature is above 50 °F

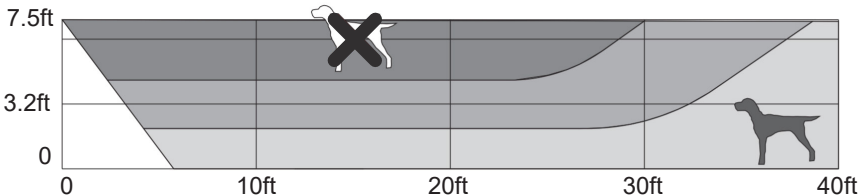


**Motion lockout** is active for three minutes after a motion event is detected. During the motion lockout period, motion events will be ignored.

**Motion sensitivity** can be adjusted by the sensitivity jumper on the circuit board.

- Jumper Installed (lower sensitivity): Detects person in 3 to 5 steps. Increases pet immunity. Usually for security applications.
- Jumper NOT Installed (higher sensitivity): Detects person in 2 to 4 steps. Usually for occupancy applications.

**Pet immunity** is optimized when the motion sensor is mounted at 7.5 to 9.5 feet high and aimed away from house features that could allow pets to be high in the detection field (e.g. stairs, counter tops, tall furniture).



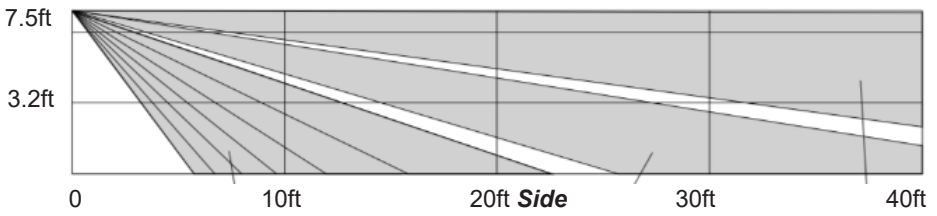
**Motion catch performance** is best when the motion sensor is positioned so a person would typically walk across the front of the motion sensor instead of directly toward the motion sensor.

### Motion Detection Tips

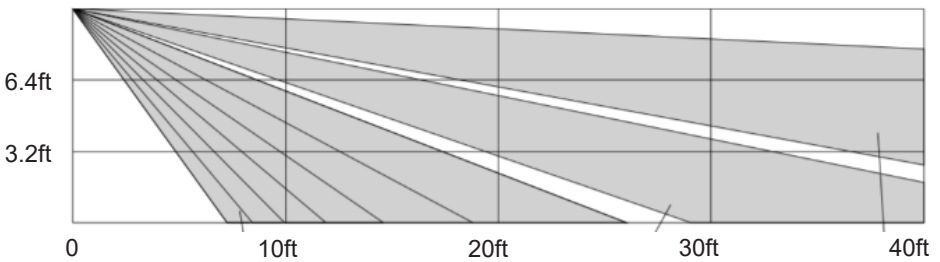
- Provide a clear line-of-sight to the monitored area and remember that glass blocks infrared energy (PIR = Passive InfraRed).
- Aim away from windows and sunlight.
- Aim away from air conditioners, heaters or heating/cooling vents.

## Specifications

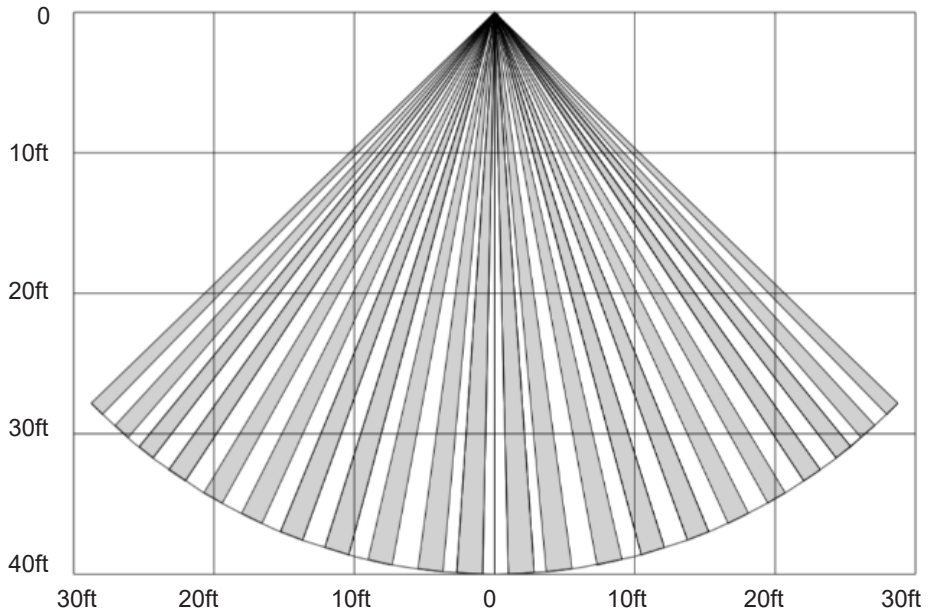
*Side field of view for a mounting height of 7.5 feet*



*field of view for a mounting height of 9.5 feet*



*Top field of view*



## Specifications

Physical	
Housing Dimensions	3.50 x 2.40 x 1.70 inches (8.9 x 6.1 x 4.3 cm)
Weight with Battery	3.2 ounces (91 grams)
Mounting Fastener	3M VHB (Very High Bond) Tape or Screws (both provided)
Environmental	
Operating Temperature	32 to 120 °F (0 to 49 °C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	433.92 MHz
Pet Immunity	Two 60-pound dogs or one 85-pound dog
Replacement Battery	One Panasonic CR132A
Nominal Battery Life	6 to 8 years
Battery Voltage	3.0 VDC (Nominal), 2.2 VDC (Low)
Current Draw	30 mA (Maximum), 20 uA (Quiescent)
Optimal Mounting Height	7.5 to 9.5 feet (2.3 to 3.0 m)
Transmitted Indications	Cover Tamper, Low Battery, Supervision
Certification	
RE610P	UL639, ULC-S309-03, ETL, FCC, IC
RE610P-CE	EN 50131-2-2, EN 60950-1, EN 300 220, EN 301 489, CE Security Grade 1, CE Environmental Class 2, RCM

*Specifications subject to change without notice*