



## 5800PIR-OD2

### Outdoor Wireless Motion Detector

The 5800PIR-OD2 is a AA lithium battery powered wireless outdoor motion detector intended for use with Honeywell Home alarm systems that support 5800 Series wireless devices. The 5800PIR-OD2 is an ideal solution for outdoor sensing needs in difficult to wire locations— avoiding the costs and time to trench hardwired solutions. It's perfect for both residential (activity monitors, e-mail alerts, turning on video cameras) and commercial (protecting copper theft, utility and electrical substations, cellular sites, commercial buildings, car lots and more) applications.

The 5800PIR-OD2 consists of two passive infrared (PIR) sensors that must both be tripped to declare an alarm, providing immunity to false alarm sources, pets and other animals. These sensors can be adjusted to alter the detection range. The transmitter can send alarm, tamper and low battery condition messages to the alarm panel.



### FEATURES AND BENEFITS

- Discriminates both large and small animals to reduce false alarms
- Adjustable range patterns from 8' up to 40'. The 90° pattern can also be adjusted throughout a 180° field of view by simply swiveling the housing.
- Battery saving feature allows you to select five seconds of inactivity (for higher security requirements or where up-to-date information is critical) or 120 seconds of inactivity after alarm (for initial notification)
- Immune to bright lights from head lamps, sunlight and other light sources that typically generate false detections
- Full Supervision – The 5800PIR-OD2 is fully supervised to monitor for low battery, case tamper and trouble conditions
- Versatile Mounting – Whether you choose to affix the detector to a wall or a fence post, mounting is simple
- Tamper Protection – The detector has a built-in tamper switch that can communicate back to the control panel in the event it is removed from the wall



side view



PBC open view

# 5800PIR-OD2 Technical Specifications

**Range:** Adjustable up to 40 feet (12 meters)

**Pattern:** 90° consisting of 16 zones. The pattern can be adjusted in 15° increments from center up to 45° in either direction.

**Mounting Height:** 2.7 – 4.0 feet (0.8 – 1.2 meters)

**Mounting Configuration:** Wall or pole mount

**Detection Method:** Dual Passive Infrared (PIR)

**Warm-up Time:** - Two Minutes

**Power Source:** Two AA lithium batteries (included)

**Battery Saving Timer:** Adjustable to 120 seconds or five seconds

**Battery Life:**  
120 second mode = up to four years  
5 second mode = up to 1.5 years

**Sensitivity:** 3.6°F at 2.0 feet/second (2.0° C at 0.6 meters/second)

**Detection Speed:** 1-5 feet/second (0.3 to 1.5 meters/second)

**Alarm Period:** 2.5 seconds

**LED Indicator:** Enabled during walk test, disabled for normal operation to save battery life

**Anti-masking Function:** Detects cover objects on lens surface

**Dimensions:**

**Height:** 8 in (203mm)

**Width:** 3.2 inches (82mm)

**Depth:** 4.3mm (109mm)

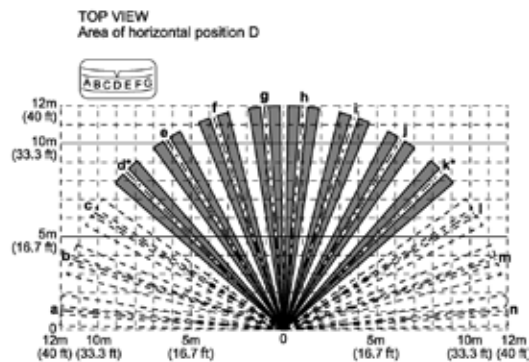
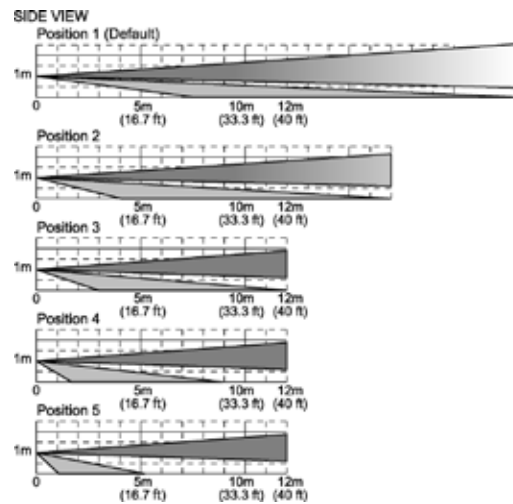
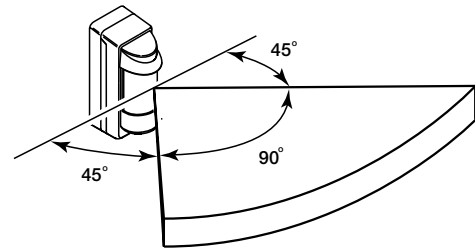
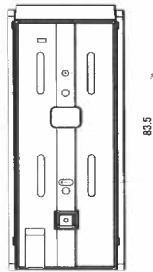
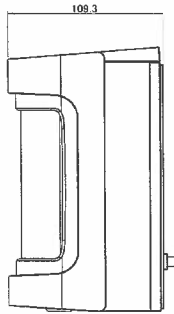
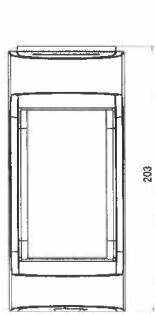
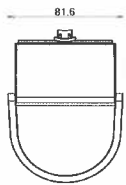
**Operating Ambient Temperature Range:** -40 F to 140 F (-40 C to 60 C)

**Operating Humidity Range:** 95% Max

**Weatherproof:** IP55 compliant

**Accessories Included:** screw kit, masking strips

**Agency Listings:** FCC, IC



## ORDERING

5800PIR-OD2	Wireless Outdoor PIR Motion Sensor
462	2 AA lithium batteries

### For more information

[security.honeywellhome.com/hsc](http://security.honeywellhome.com/hsc)



### Resideo Technologies, Inc.

2 Corporate Center Drive, Suite 100  
P.O. Box 9040  
Melville, NY 11747  
1-800-645-7492  
[resideo.com](http://resideo.com)

L/5800POD2D/D | 06/20  
© 2020 Resideo Technologies, Inc. All rights reserved.  
This product is manufactured by Resideo and its affiliates. The Honeywell Home trademark is used under license from Honeywell International Inc.

