

## PASSIVE INFRARED (PIR) SENSOR 909

This wireless PIR sensor is designed to detect changes of thermal radiations which are interpreted as movements. Detection range, at a ceiling height of approx. 2-2.5m, is up to 8m (circular 360°). To avoid false alarms do not install the sensor in direct sunlight or directly above heat/air vents and where pets have access and can trigger it.

To pair the sensor place the alarm unit in learn mode (refer to the alarm system instruction manual) and press the PIR sensor button. The alarm system will confirm with a Beep that the PIR has been learned.

### INSTALLATION AND DETECTION TESTING

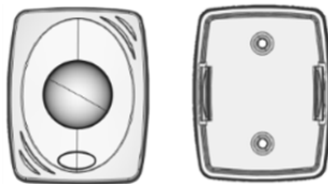
When mounting the sensor, take into consideration the area to be protected to determine the best location for the sensor.

To avoid false alarms, do not install the PIR sensor:

- Under direct sunlight or bright light.
- Near heating/cooling source.

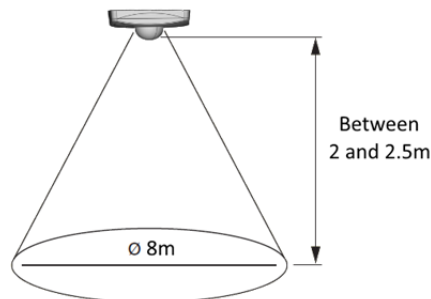
Gently pry the sensor open by inserting your finger into the recess on the side of the sensor. Use the sensor base to mark the position of the holes on the ceiling. Secure the base with the supplied screws and reattach the front cover.

**NB:** Do not paint the sensor.



#### WALK TEST:

After the device has been installed, test operation to ensure reliable detection. Press the button for approx. 1 sec. The sensor has a "TIME ON" control of approx. 1 min. Make sure the red LED inside the lens turns ON every time motion is detected.



### OPERATION

If, after the PIR triggers an alarm signal, no new movement is detected, the sensor, to maximise battery life, will go into inhibit mode for approx. 4 min. If motion is detected again during the 4 min. countdown period, the timer will reset to 4 min. This is to prevent re-triggering the alarm when the activity is ongoing in the monitored area. The sensor will automatically return in "operating" mode after no movement has been detected for approx. 4 min.

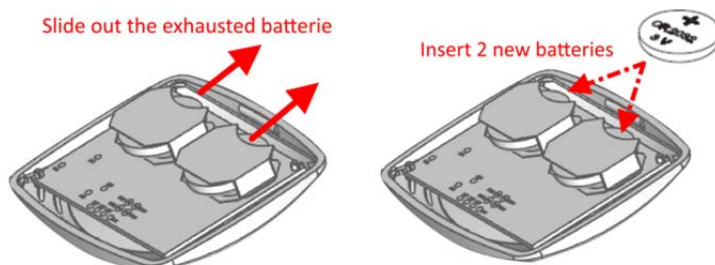
### SENSOR DEACTIVATION (STAND-BY MODE)

To turn off the sensor when not in use, press and hold the button for at least 3 sec. The LED will flash 3 times to confirm the sensor has been disabled. Motion events will no longer be detected and the "Walk Test" mode will not be active.

To restore operation, press and hold the button for at least 3 sec. The LED will flash twice to confirm the sensor has been enabled.

## LOW BATTERY INDICATION AND BATTERY REPLACEMENT

If the PIR sensor battery level is becoming exhausted, a Bop will sound after the alarm arming acoustic signals. The sensor will keep operating but the batteries must be replaced before they become too weak for normal operation. The red indicator LED will blink 3 times every 5 sec. to indicate the battery level is low. To replace the batteries detach the cover from its mounting base. Slide out the discharged batteries and insert 2 new batteries, positive side up (+). Replace the cover on its base.



**ATTENTION:** Use only CR2032 type batteries, different type batteries can seriously damage the sensor. Discard used batteries properly in special dedicated containers.

## WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The present device falls within the field of application of the current WEEE Directive. The crossed-out wheeled bin symbol on the equipment or on its packaging indicates that the product, at the end of its useful life, must be discarded separately from other waste to allow adequate treatment and recycling. The user must therefore take the equipment, at the end of its useful life, to an appropriate waste collection facility.



## TECHNICAL SPECIFICATIONS

Power supply	Two 3V CR2032 batteries
Average battery life	Approx. 1yr
Detection range	Approx. 8m
RF transmission range	20m
Transmission frequency	433.92MHz