



MOTION SENSOR

Instructions



Please read these instructions thoroughly before using.

PIR001



Specifications

Battery: AAA 1.5v x 3

Standby current: $\leq 40\mu\text{A}$

Sensitivity to movement: 5 metres

Effective Wifi Range: 20 metres in unrestricted space

Detection arc: 120°

Wireless: 2.4GHz

Protocol: IEEE 802.11 b/g/n

Operating & Storage Temperature: $30-70^\circ\text{C}$ / $80-158^\circ\text{F}$

Operating & Storage Humidity: 20 – 85%

Size: 65 x 65 x 30mm

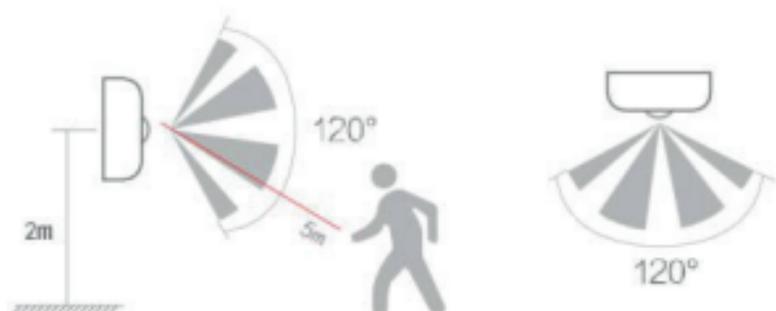
2 year warranty

Sensor / Network access

The PIR Sensor is a battery operated WiFi unit. You will need one sensor for each room you want to check for occupancy. The sensor will work effectively in small to medium-size houses (e.g. 2-3 bedrooms) when paired directly to the main router. For larger buildings using network extenders, the sensors should be paired with the extenders.

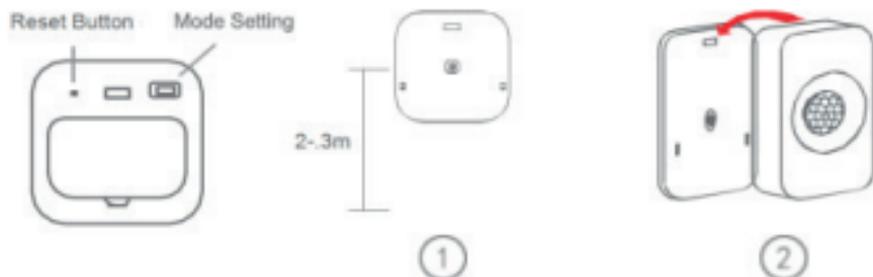
Installation

Choose a suitable location for your sensor, ensuring areas where it is to detect motion are within 5 metres of the sensor and effective communication with the home network can be established.



Do not finally fix the sensor to walls or furniture until you have paired the sensor with your WiFi and verified it operates effectively.

When the final location is chosen use the 3M tape to mount the backplate of the sensor to a wall or other vertical position in the chosen location and the sensor can be mounted onto this backplate.



Download the SmartLife App

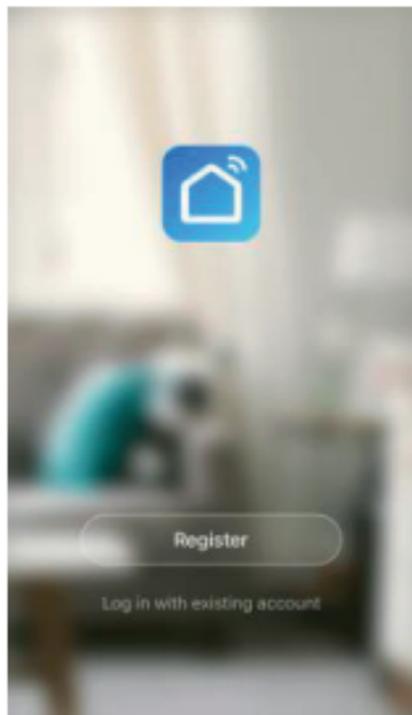
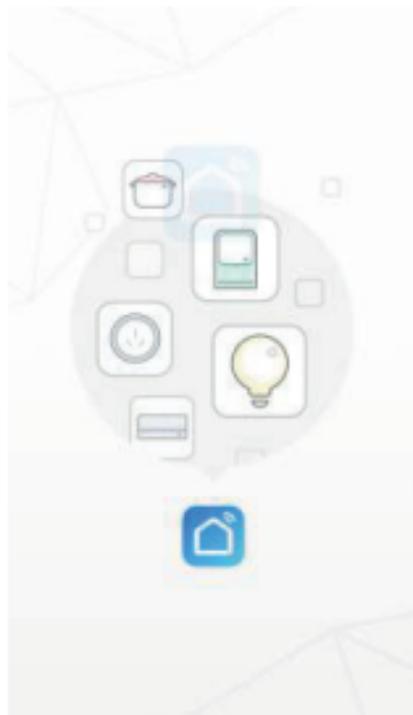
Scan the QR code below to download the SmartLife App from the App Store or Google Play.

Alternatively, search "Smart Life" on Google Play or the App Store & look for this icon and download the app.



Register with SmartLife

Run SmartLife on your phone or tablet.



Register and log in.

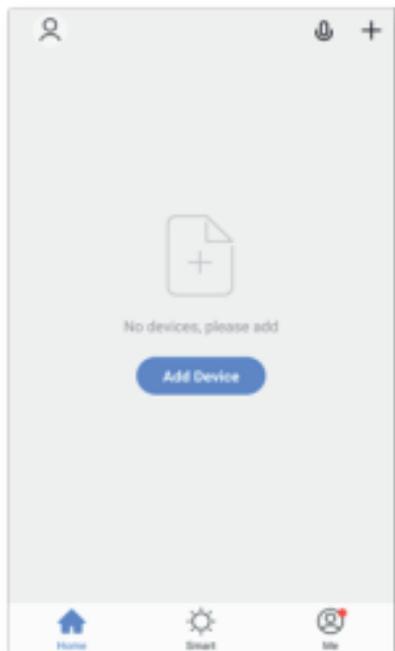
Pair the Sensor

Ensure you are on a 2.4GHz wifi network, otherwise pairing will not succeed.

Turn on the Sensor.

Insert a pin into the Reset port for 5 seconds. Confirm the LED is flashing quickly.

With the SmartLife app open, click the '+' sign in the top right corner to add a device.



SmartLife should then suggest the controller as the product to add. If it does so, click "Add".

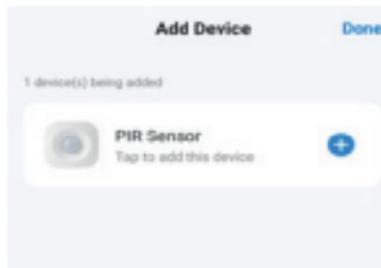
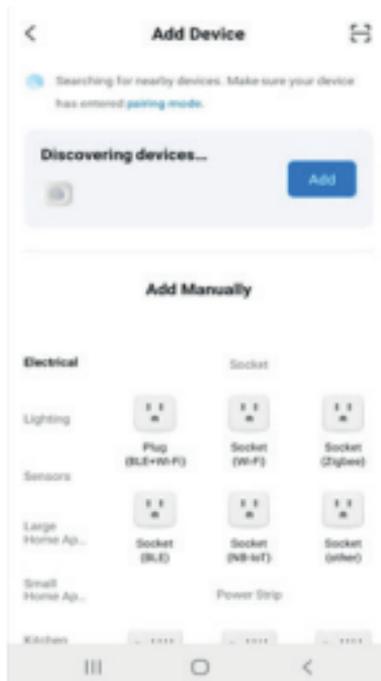
On the following confirmation screen, click the '+' sign.

Enter your Home Wifi name and Password and click "Confirm".

Wait for the pairing process to complete and click on "Done" when the app indicates the device has been added successfully.

If the app indicates the pairing process has timed-out, check two things:

1. Your network connection is 2.4GHz. Pairing will not work on a 5GHz connection.
2. Only one network connection exists. If multiple networks are present, the unit will not know which one to connect to and pairing will time out. In this case either turn off other networks until pairing is complete, or conduct pairing from a location where the intended network is the only one available.



Using the PIR Sensor

The PIR sensor is designed to interoperate with other SmartLife devices via Scenes. It is the Scenes that create the functions for these other devices depending on whether your PIR sensor has detected motion or not.

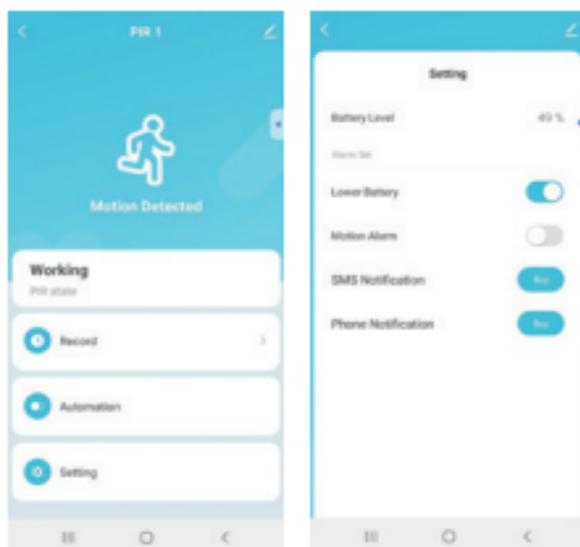
You can therefore think of the PIR sensor simply as a "Motion Switch" ("Motion Detected" or "No Motion Detected") and use these states to programme the functions of your other devices via the Scenes.

Use this QR code to
access these Scenes:



Herschel has created a video of sample Scenes setup, to allow you to get the best possible energy saving out of your heating using Herschel Thermostats, the PIR sensor and SmartLife.

Other App Information about the PIR Sensor



Within the PIR Sensor device on the SmartLife App itself you can find:

- The log of events detected by the sensor
- The Scenes the sensor is used with
- Settings which include:
 - Battery Level Indication
 - Battery and Motion Alarms
 - Other features like SMS and Phone notifications (of motion events) can be purchased from SmartLife from the Settings screen.