

TROUBLESHOOTING

If the load does not work:

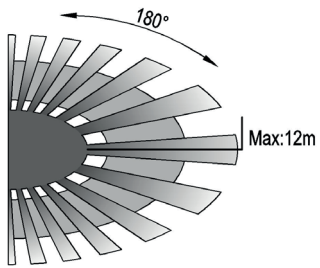
- The connection-wiring of power and load is incorrectly installed.
- The load is incorrectly set up.
- The working light set is not corresponding to ambient light.

If the sensitivity is poor:

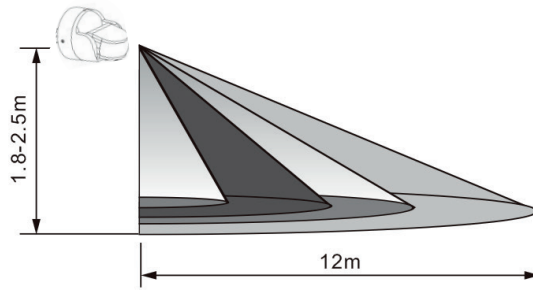
- There is an obstacle in front of the detection window that is affecting the signal
- The ambient temperature too high
- Check if the induction signal source is in the field of detection
- Check if installation height corresponding to the height indicated in the instructions.
- Check if the moving orientation is correct

The sensor cannot shut off the load automatically:

- If there is a continuous signal in the detection field.
- If the time delay is too long.
- If the power corresponds to the instructions.
- If the temperature near the sensor changes, (caused by air conditioning or central heating).



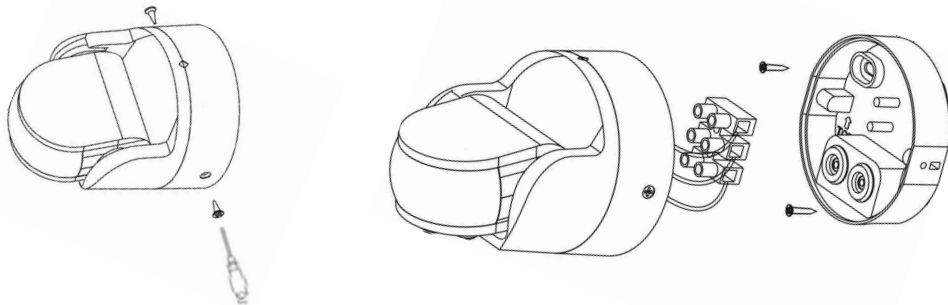
Detection Distance: Max. 12m



Height of installation: 1.8-2.5m

Product end of life instruction.

This product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product. Please follow pictured diagram on the back of this manual showing how to dismantle the product into different components which should be disposed of correctly. These components consist of plastic, metal and electronic materials. It is the responsibility of the end user to dispose of this product correctly. www.weeeireland.ie or contact your local council for further information.



For further information contact:

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,
Phone: 00353 1 835 7447
Website: www.sgd.ie



Swivel PIR Motion Sensor

Product Codes:

SWV PIR BL
SWV PIR WH



INSTALLATION MANUAL

Swivel PIR Motion Sensor. Codes: SWV PIR BL/ SWV PIR WH

This product has a high sensitivity detector, integrated circuit and surface mounting technology. It has automatic, convenient, safe, energy-saving, practical functions, a wide detection range made up of up and down, left and right service field. It utilizes human motion infrared rays as control signal sources: when a moving object enters the detection field, it will start the controlled load at once. It can identify day and night automatically. It is easy to install and has a wide usage. It has the function of power indication and detection indication.

SPECIFICATION:

Power Source: 220-240V/AC

Power Frequency: 50/60Hz

Ambient Light: <10-2000LUX (adjustable)

Time-Delay: Min: 10sec±3sec

Max: 15min±2min

Rated Load: 1200W (incandescent lamp)

300W (energy-saving lamp)

Detection Distance: 12m max (<24°)

Detection Range: 180° + 360°

Working Temperature: -20~+40°

Working Humidity: <93%RH

Installation Height: 1.8m~2.5m

Power Consumption: approx 0.5W

Detection Moving Speed: 0.6-1.5m/s

Functions:

Detects daylight and darkness automatically. The ambient light can be adjusted.

When turned to SUN (max), it will work in daylight and at night.

When turned to “-” (min), It will work in ambient light less than 10LUX.

Refer to testing diagram

Time-delay is continuously added: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time-delay basis (set time).

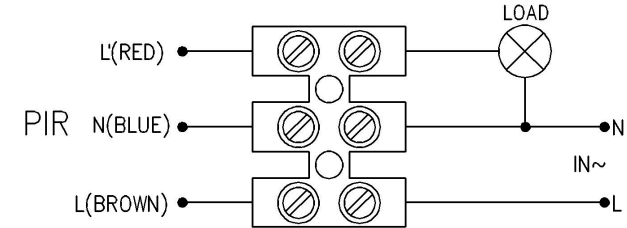
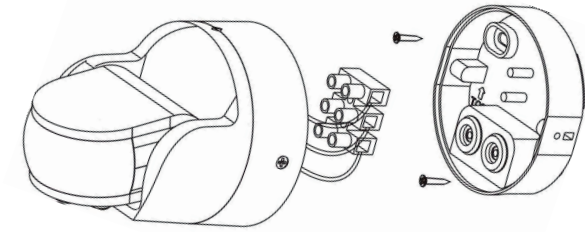
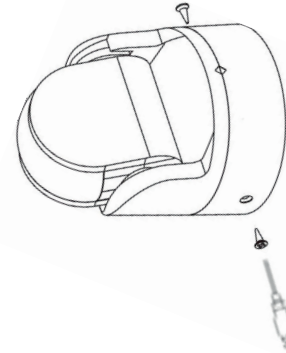
Time-delay is adjustable: It can be manually set, the minimum is 10sec±3sec, the maximum is 15min±2min.



READ BEFORE INSTALLING

- This product should be installed by a qualified electrician.
- Avoid installing sensor on moving objects.
- There should be no obstacles or moving objects in front of the detection windows as it will affect detection.
- Avoid installing near air temperature alteration zones such as air condition or central heating.
- Avoid installing near objects with highly reflective surfaces such as mirrors..
- As a safety precaution, please do not open the cover after installation.

WIRING DIAGRAM

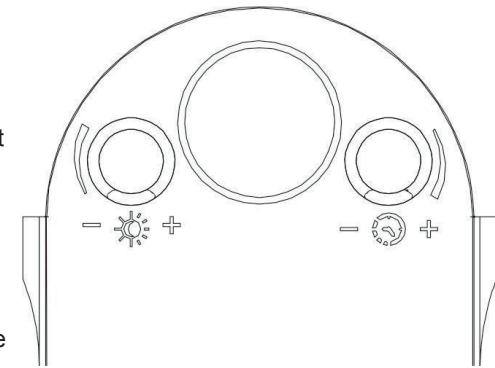


INSTALLATION:

- Shut off power.
- Loosen the screw on the bottom lid, open the wiring terminal, and pass power wire and load through the bottom lid hole with gasket.
- Connect the power and load wire into connection-wire column according to wiring diagram
- Fix the bottom lid with inflated screw on the selected position.
- Install the sensor onto the bottom of the sensor, tighten the screw then test the product

TEST PROCEDURE

- Turn the LUX knob clockwise to the maximum (SUN)
- Turn TIME knob anti-clockwise to the minimum (10s)
- Switch on power. The controlled load will not yet work as it needs to warm up within 30s
- After warm up, the sensor will start to work. If the sensor receives the induction signal the lamp will turn on. Once the induction signal stops, the load will cease working within 10sec+3sec and the lamp will switch off.
- Turn LUX knob anti-clockwise to minimum, if the ambient light is more than 10LUX, the sensor will not work and the lamp will switch off.
- If there is no induction signal the sensor should stop working within 10sec+3sec.



Important: when testing in daylight, please turn LUX knob to (SUN) ☀ position otherwise the sensor lamp will not work. If the lamp is more than 60w the distance between lamp and sensor should be at least 60cm.



EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product:

Swivel PIR Motion Sensor
White or Black Housing

Model Codes:

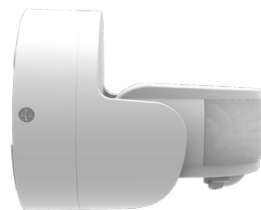
SWV PIR BL, SWV PIR WH

The product/model of the declaration described above is in conformity with the below listed harmonised standards and technical specifications listed below.

Low Voltage Directive (2014/35/EU)
EMC (2014/30/EU)

The product/model of the declaration described above is in conformity with the below listed harmonised standards and technical specifications listed below:

IEC 60669-2-1:2002, IEC 60669-2-1:2002/AMD1:2008, IEC 60669-2-12002/AMD2:2015, IEC 60669-11:2017, IEC 60529:1989+A1:1999+A2:2013, AS60529:2004



Signed:

Date: 20/11/25

Place of Issue: Republic of Ireland

