

## EPIR | ZigBee Motion Sensor



Quick Guide

Works with



Powered By



Ver. 1.1

Release date: XI 2024

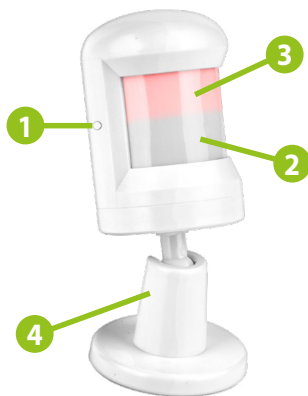
Soft: V1.0.6



Producer:  
Engo Controls sp. z o.o. sp. k.  
43-262 KobieliŃce  
Rolna 4 St.  
Poland

[www.engocontrols.com](http://www.engocontrols.com)

## Device description



### 1. Function button

Pressing for 10 seconds activates pairing mode and factory reset

### 2. Sensor area

### 3. LED diode

Flashing red - active pairing mode with the application

Single red flash - motion detection

### 4. Stand

The sensor can stand alone or be mounted on a stand

## Technical specifications

|                 |                    |
|-----------------|--------------------|
| Power supply    | CR2450             |
| Communication   | ZigBee 3.0, 2.4GHz |
| Dimensions [mm] | 84 x Ø34           |

## Introduction

The battery-powered motion sensor is not only a tool for detecting movement, but when combined with the app, it enables the automation of many everyday tasks. Detection of movement can trigger a multiple actions, such as switching ON/OFF lights, starting the hot water pump or initiating advanced scenarios with devices on the Zigbee 3.0 network. The internet gateway is required for installation in the app.

## Product features



Works with ENGO Smart (Compatible with Tuya App)



ZigBee 3.0 communication standard



Motion detection



Detection angle 150°, detection distance 7m

## Product Compliance

This product complies with the following EU Directives: 2014/53/EU, 2011/65/EU.

## Safety information

Use in accordance with national and EU regulations. Use the device only as intended, keeping it in a dry condition. The product is for indoor use only. Installation must be carried out by a qualified person in accordance with national and EU regulations.

## Installation

Installation must be performed by a qualified person with appropriate electrical qualifications, in accordance with the standards and regulations in force in a given country and in the EU. The manufacturer is not responsible for non-compliance with the instructions.



### ATTENTION:

For the entire installation, there may be additional protection requirements, which the installer is responsible for.

## Installation sensor in the app

Make sure your router is within range of your smartphone. Make sure you are connected to the Internet. This will reduce the pairing time of the device.

### STEP 1 - DOWNLOAD ENGO SMART APP

Download the ENGO Smart app from Google Play or Apple App Store and install it on your smartphone.

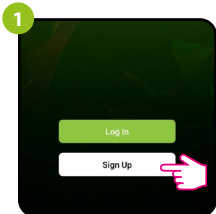


Powered By  
**tuya**

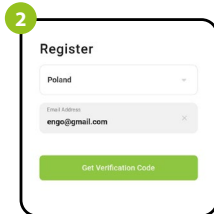


### STEP 2 - REGISTER THE NEW ACCOUNT

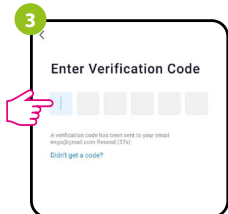
To register a new account, please follow the steps below:



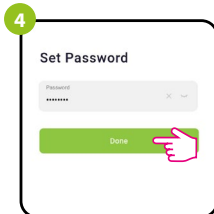
Click „Register” to create new account.



Enter your e-mail address to which the verification code will be sent.



Enter the verification code received in the email. Remember that you only have 60 seconds to enter the code!!



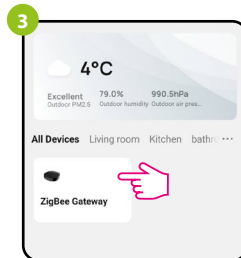
Then set the login password.

### STEP 3 - CONNECT THE SENSOR TO ZigBee network

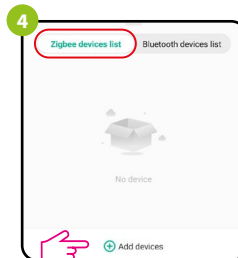
After installing the application and creating an account, follow these steps:



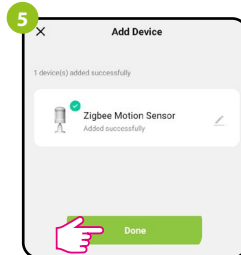
Make sure ZigBee gateway has been added to the Engo Smart app. Press and hold the button for about 10 seconds until the red LED starts flashing. The sensor will enter pairing mode.



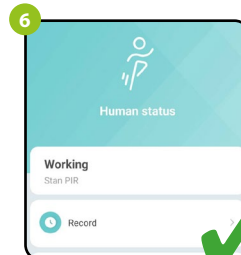
Enter the gateway interface.



In „ZigBee devices list” go „Add devices”.



Wait until the application finds the device and click "Done".



The sensor has been installed and displays the main interface.