



Quick Guide

Ver. 1.0
Release date: X 2024
Soft: v0.1.2



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

www.engocontrols.com

Technical specifications

Power supply	1x CR123A
Communication	ZigBee 3.0 2,4GHz
Poziom dźwięku	≥ 85dB
Wymiary [mm]	60 x 60 x 49

Product Compliance

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

Introduction

The sensor detects the presence of smoke in real time. Low power consumption device - works reliably for a long time without the need for frequent battery changes. The sensor can be mounted using double-sided tape or mounting studs. By working with the ENGO Smart app, users can monitor their device remotely. The device emits a loud and clear alarm sound when a threat is detected. A ZigBee internet gateway is required for installation in the app.

Product features

- Works with ENGO Smart (Compatible with Tuya App)
- ZigBee 3.0 communication standard
- Detects smoke
- Loud and clear sound alarm
- Small size

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

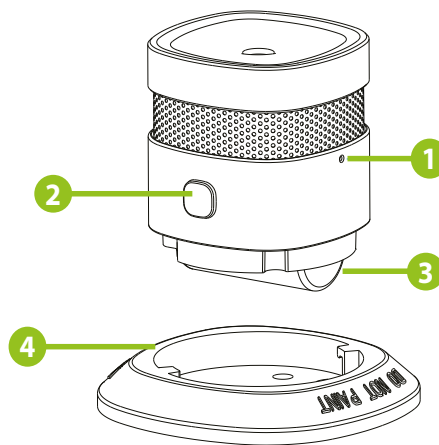
Installation must be performed by a qualified person with appropriate electrical qualifications, in accordance with the standards and regulations in force in a given country and in the EU. The manufacturer is not responsible for non-compliance with the instructions.



ATTENTION:

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

Device description

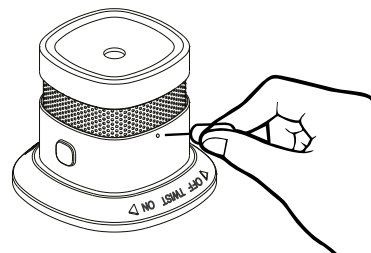


1. Pairing button
2. Test/Mute button (LED diode located in the button)
3. CR123A Battery
4. Bracket

LED indication

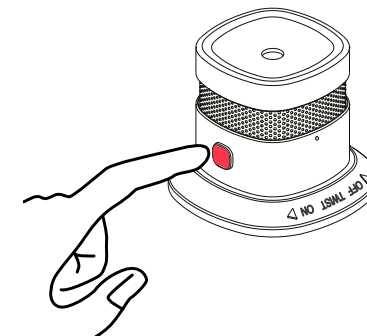
State	LED	Alarm sound
Pairing mode	Green LED flashes 5 times per sec	N/A
Pairing successful	Green LED solid for 3 sec	N/A
Pairing unsuccessful	Green LED flashes slowly (twice per sec) six times	N/A
Disconnect	Red LED turns on, then Green LED flashed slowly six times	N/A
Test	Red LED flashes quickly	Rapid "Di-Di-Di"
Alarm	Red LED flashes quickly	Rapid "Di-Di-Di"
Standby	Red LED flashes every 53 sec	N/A
Mute	Red LED flashes every 10 sec	N/A
Low Power	Red LED flashed one time	"Di" every 53 sec
Fault	Red LED flashed twice every 53 sec	"Di-Di" twice for every 53 sec

Button operation



To set the device into pairing mode, press and hold the pairing button for 3 seconds.

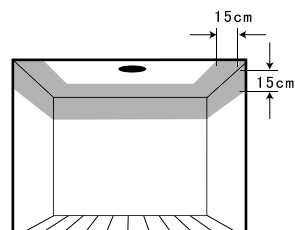
To remove the device from the network, press and hold the pairing button for 5 seconds.



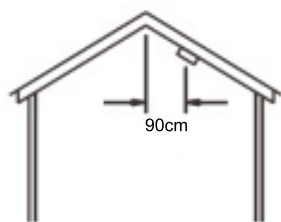
To test or to mute the alarm, press and hold the Test / Mute Button for 3 seconds.

Proper Placement

The preferred location to install the smoke detector is in the centre of the ceiling, because heat and smoke rise to the ceiling and will laterally spread. Keep at least 30 cm distance from lights and decorations and at least 15 cm distance from walls and corners.



Flat Ceiling

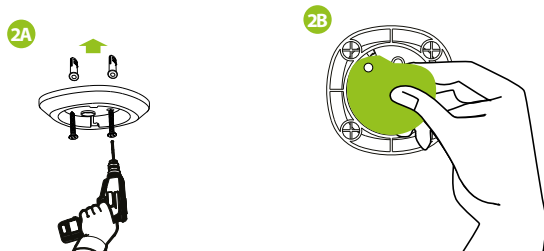


Sloping Ceiling

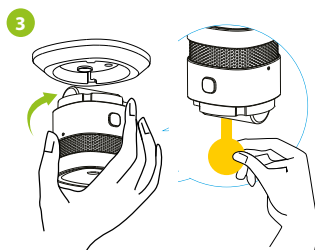
Installation



Rotate the sensor anticlockwise to separate it from the bracket.



Install the bracket using the screws or the provided double-sided tape.



Remove the battery insulating strip to turn on the detector and rotate the sensor clockwise into the bracket.

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.

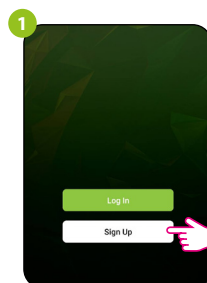
STEP 1 - DOWNLOAD ENGO SMART APP

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

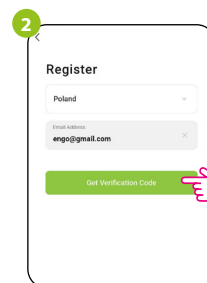


STEP 2 - REGISTER THE NEW ACCOUNT

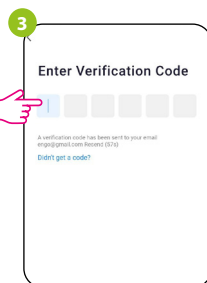
To register a new account, please follow the steps below:



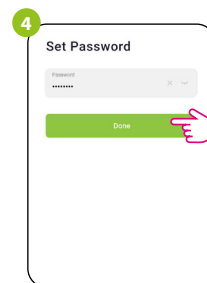
Click „Register“ to create new account.



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



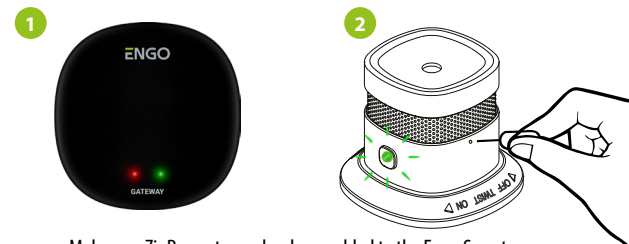
Enter the verification code received in the email. Remember that you only have 60 seconds to enter the code!



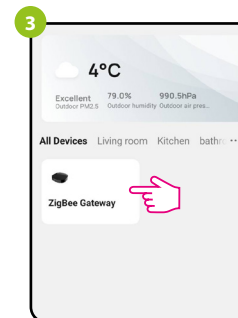
Then set the login password.

STEP 3 - CONNECTING THE SENSOR TO ZigBee network

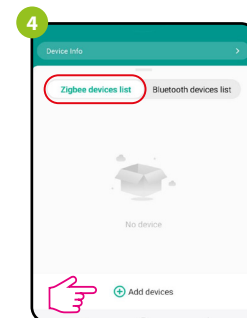
After installing the application and creating an account, follow these steps:



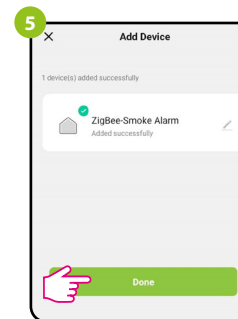
Make sure ZigBee gateway has been added to the Engo Smart app. Press and hold the pairing button with the attached pin for about 3 seconds until the green LED starts flashing. The sensor will enter pairing mode.



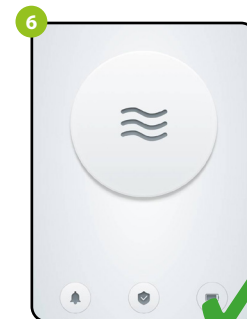
Enter the gateway interface.



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.

Factory reset

To restore the factory settings, press and hold the pairing button with the attached pin for about 5 seconds until the green LED starts flashing. The device will be removed from the ZigBee network and the gateway memory. You can add it again (see STEP 3 -CONNECTING THE SENSOR TO ZigBee network).

