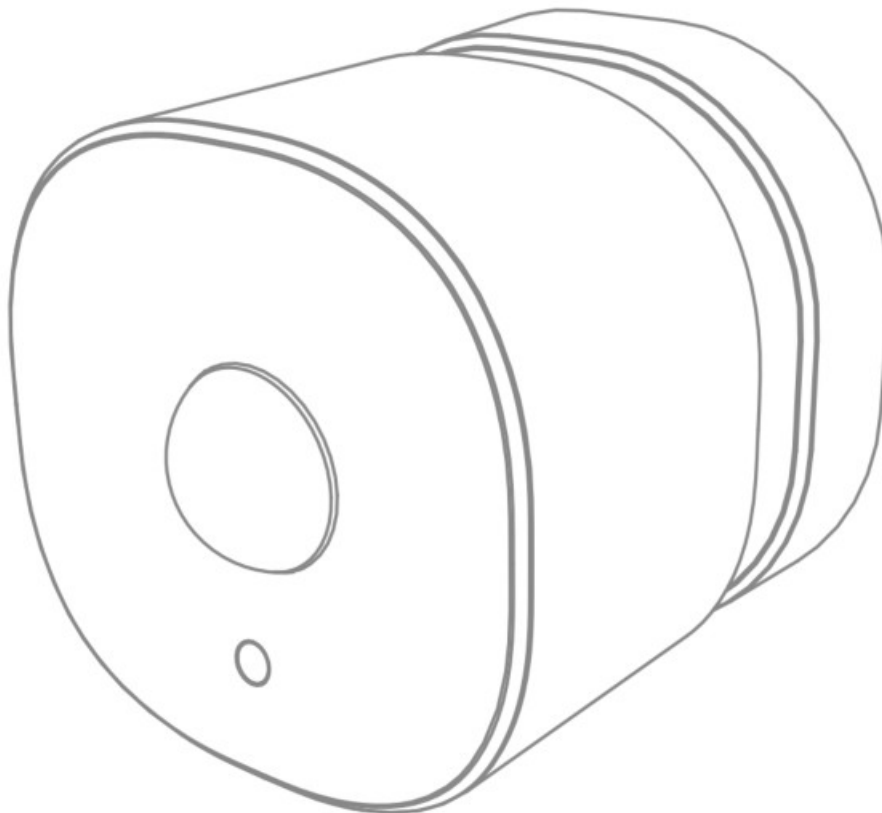




# Moes ZSS-X-PIRL-C ZigBee PIR Motion Light Sensor User Manual

[Home](#) » [MOES](#) » Moes ZSS-X-PIRL-C ZigBee PIR Motion Light Sensor User Manual 

**MOES**<sup>®</sup>  
HOME, SMART MOES HOME



**ZigBee PIR Motion Light  
Sensor  
User Manual**

## Contents

- 1 ZSS-X-PIRL-C ZigBee PIR Motion Light Sensor
- 2 Product Description
- 3 Specifications
- 4 Packaging
- 5 Getting Ready for Use
- 6 Product Specifications
- 7 Installation Guidelines
- 8 Frequently Asked Questions (FAQs)
- 9 Warranty Conditions
- 10 EU Declaration of Conformity
- 11 Documents / Resources
  - 11.1 References
- 12 Related Posts

## ZSS-X-PIRL-C ZigBee PIR Motion Light Sensor

### Dear customer,

Thank you for purchasing our product. Please read the following instructions carefully before first use and keep this user manual for future reference. Pay particular attention to the safety instructions. If you have any questions or comments about the device, please contact the customer line.

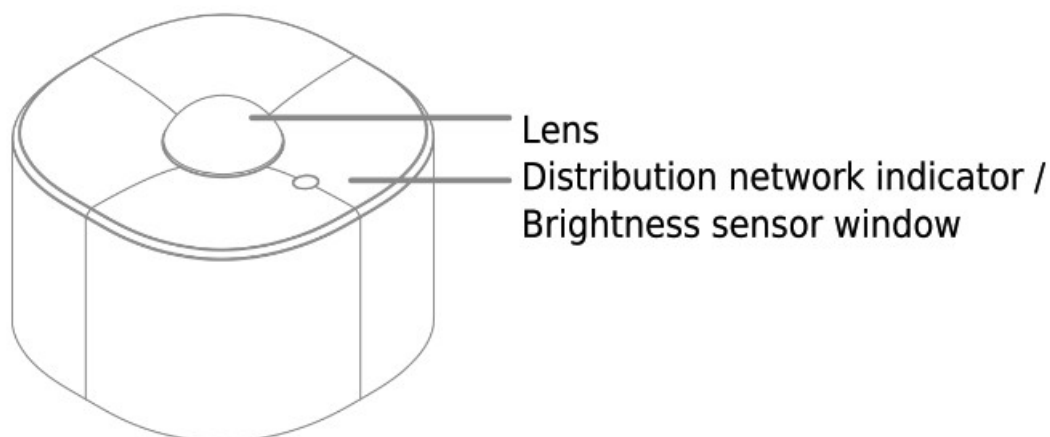
✉ [www.alza.co.uk/kontakt](mailto:www.alza.co.uk/kontakt)

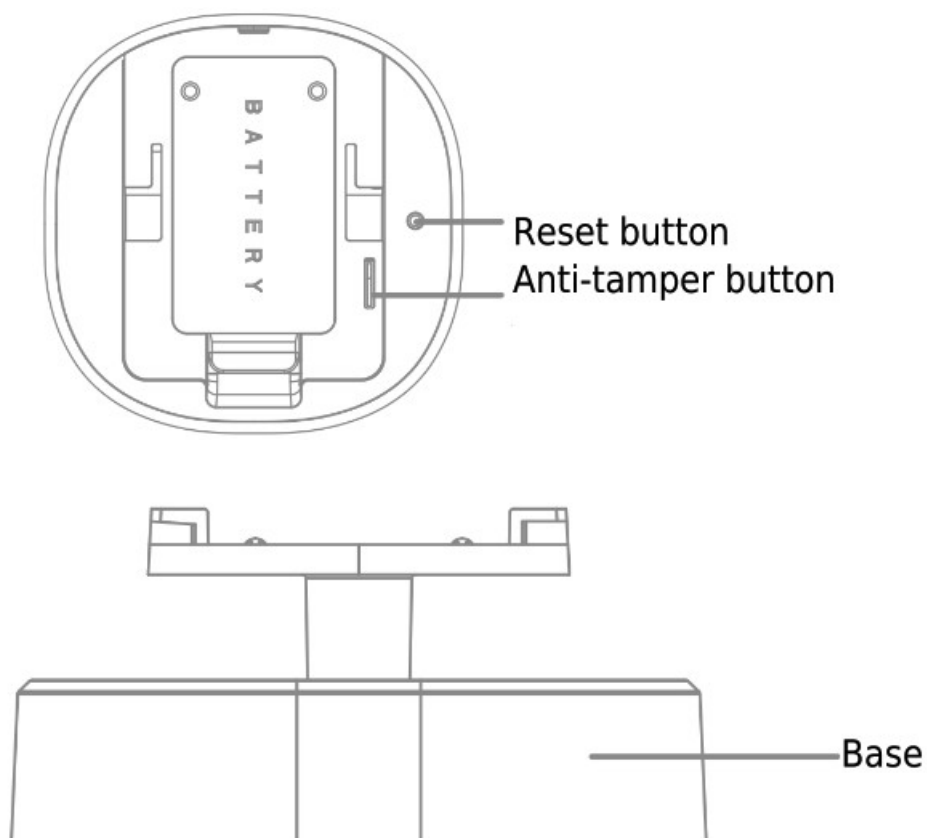
☎ +44 (0)203 514 4411

Importer Alza.cz a.s., Jankovcova 1522/53, Holešovice, 170 00 Praha 7, [www.alza.cz](http://www.alza.cz)

## Product Description

The PIR motion sensor utilizes infrared technology to detect the presence of people or animals in its surroundings. It can be integrated with various devices to create intelligent applications and scenarios.





## Specifications

Product Name	PIR motion sensor
Product Model	ZSS-X-PIRL-C
Battery Type	CR2 3V 850mAh
Detection Distance	3 to 7 meters (adjustable)
Detection Angle	120° – 150° (adjustable)
Wireless Protocol	ZigBee
Operating Temperature	-10 °C – 50 °C
Operating Humidity	≤95% RH (no condensation)
Dimensions	56,2 × 56,2 × 58,4 mm
Weight	67 g

## Packaging

- 1× Sensor
- 1× Screws set
- 1× User's manual
- 1× Base adhesive

## Getting Ready for Use

## 1. Downloading the MOES App

The MOES App offers enhanced compatibility compared to the Tuya Smart/Smart Life App. It functions seamlessly with Siri for scene control, provides widgets, and offers scene recommendations as part of its brand-new, customized service.

(Please note: While the Tuya Smart/Smart Life App still works, we highly recommend using the MOES App.)



<https://a.smart321.com/moeswz>

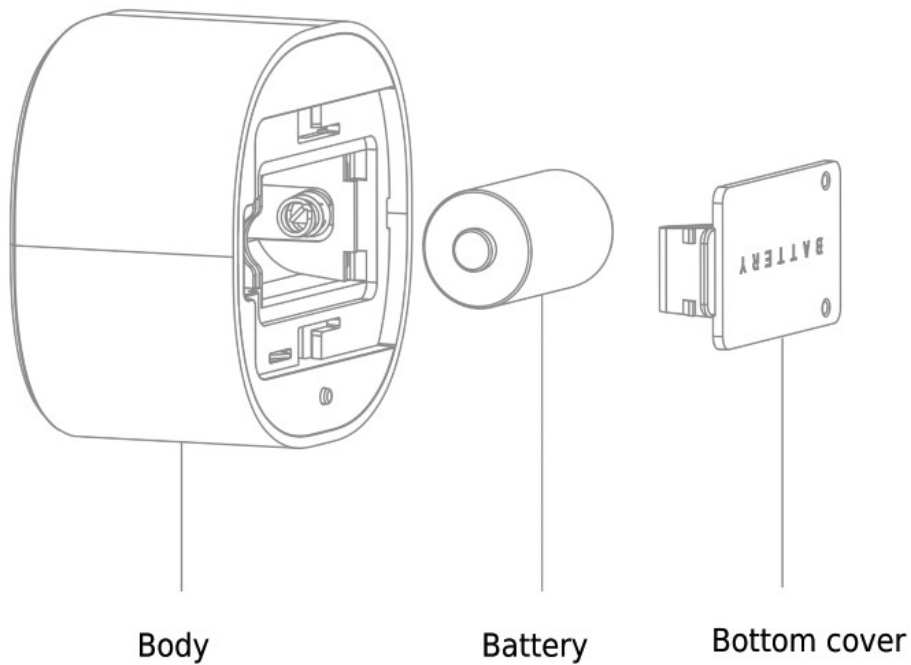
## 2. Register or Log In

Download the “MOES” application and proceed to the Register/Login interface. If you’re a new user, tap “Register” to create an account by entering your phone number to receive a verification code and setting a password. If you already have a MOES account, simply choose “Log in” to access your account.

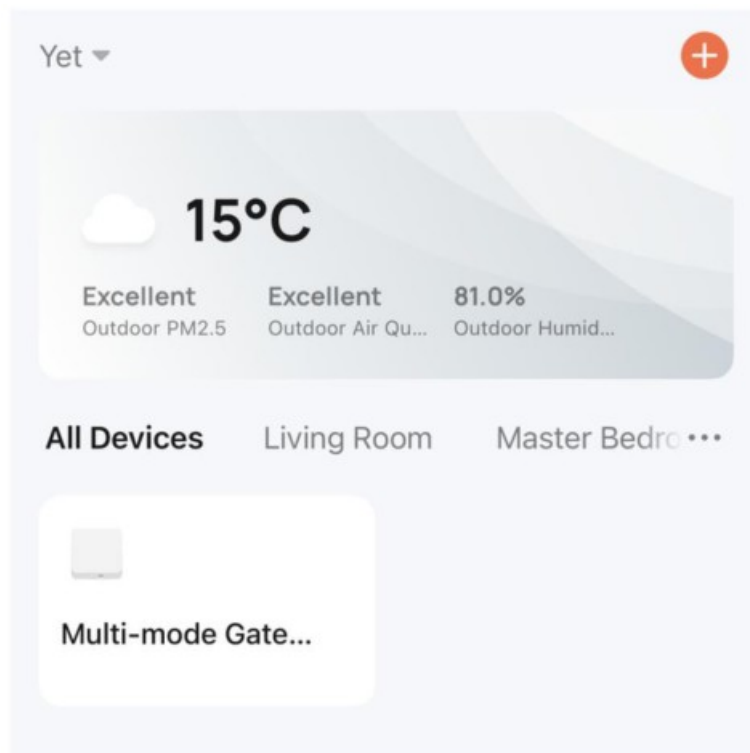


## Product Specifications

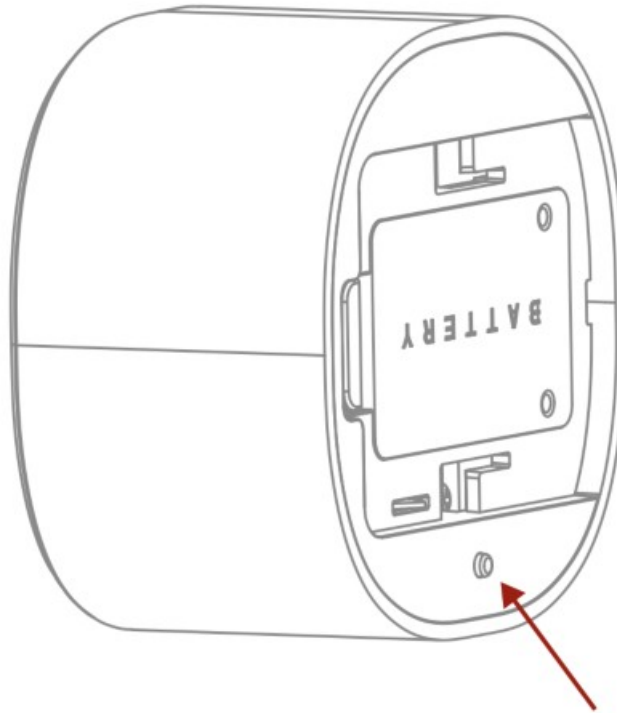
1. Make sure the device is within the effective signal range of your ZigBee gateway for successful connection through the MOES APP. Battery Replacement/Installation Instructions:



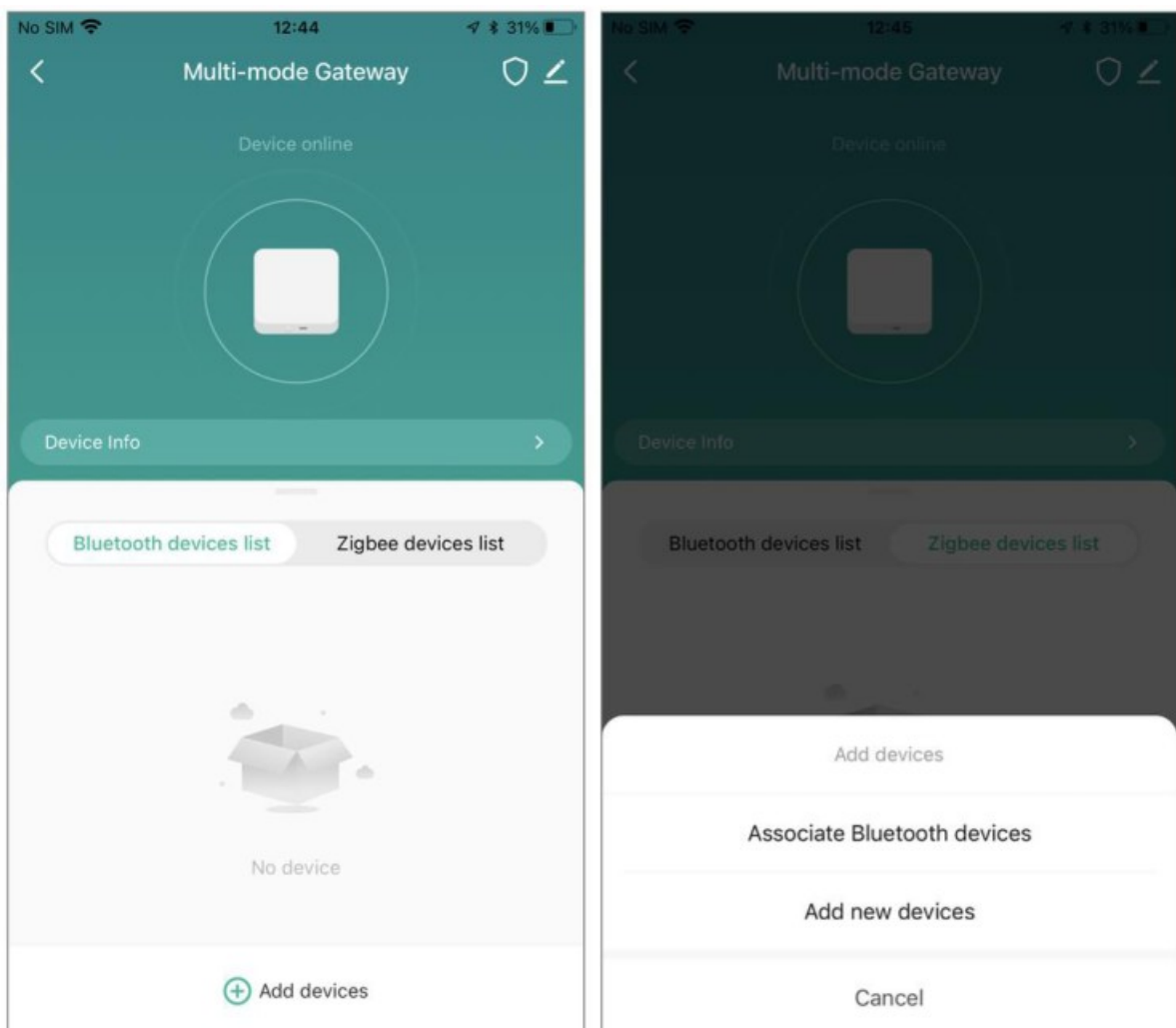
2. Ensure your MOES Smart APP is successfully connected to a Zigbee gateway.



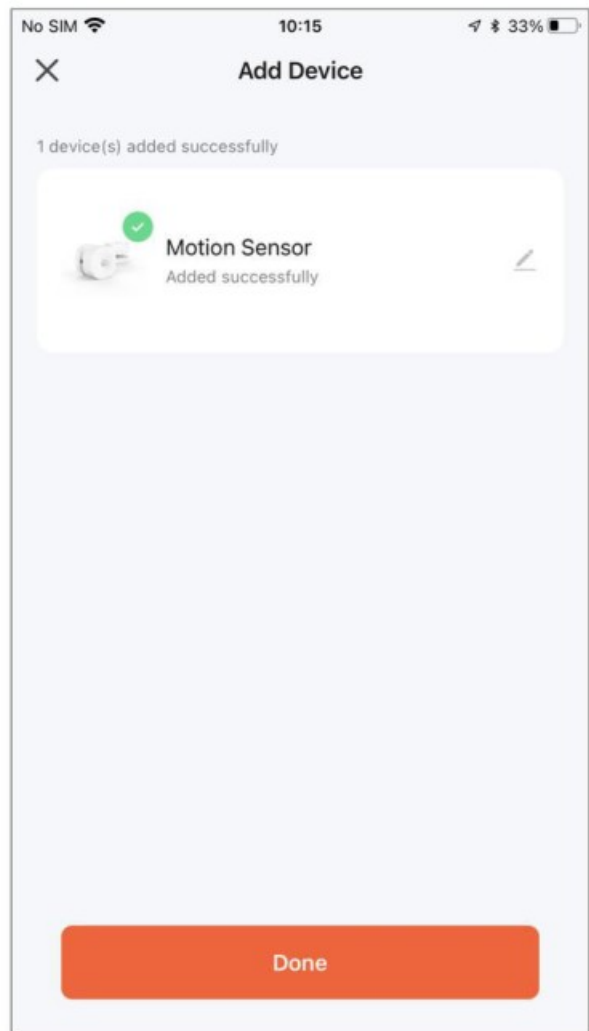
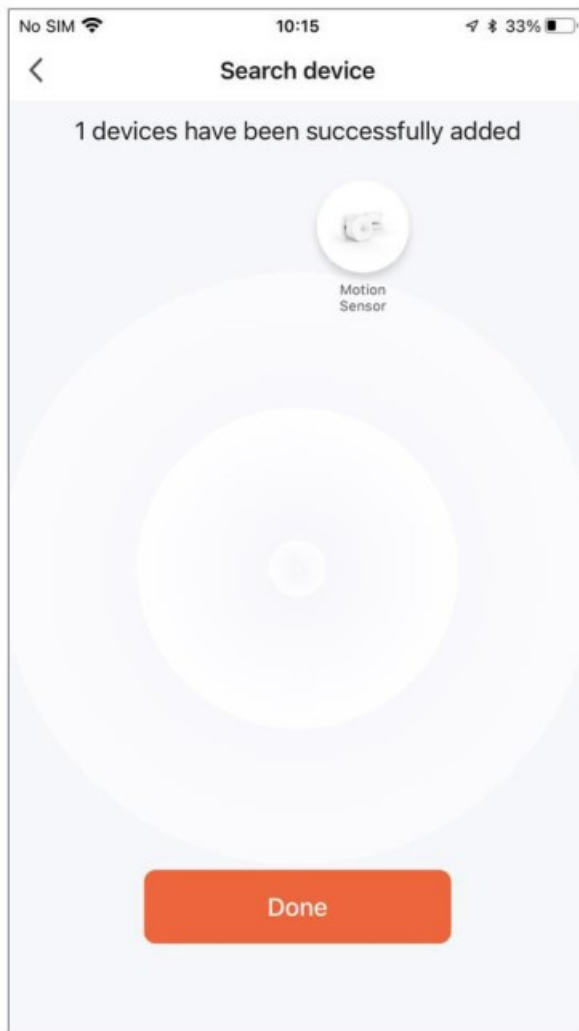
3. Reset the device: Press the reset button for more than 5 seconds until the indicator flashes, then follow the App instructions to add the device.



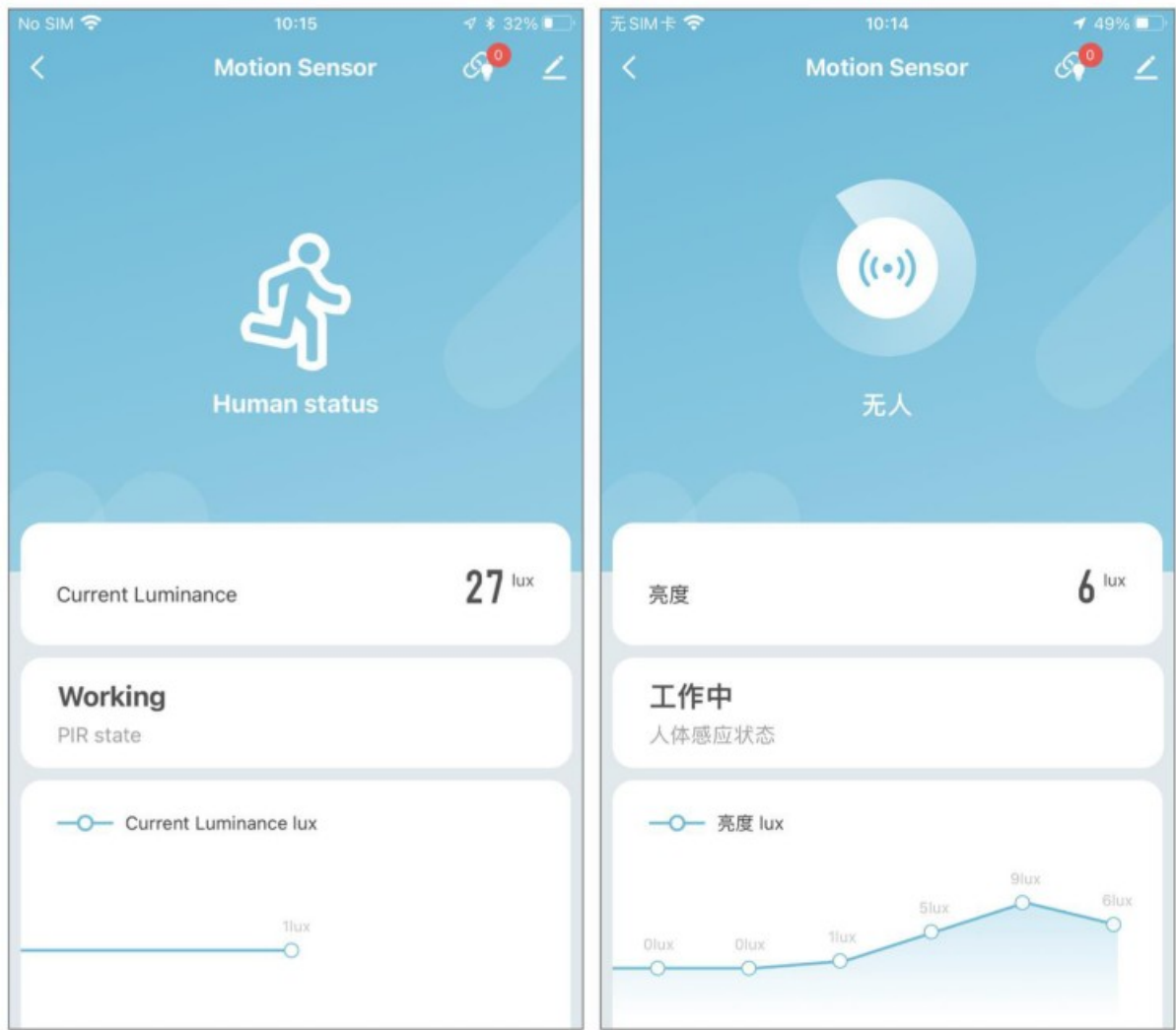
4. Access the gateway. Follow the steps below: “Add subdevice → LED blinks, and the connection will take approximately 10 – 120 seconds to complete, depending on your network conditions.”



5. Once the device is successfully added, you can edit its name on the device page by clicking “Done.”



6. Click “Done” to enter the device page and start enjoying your smart home automation experience.



## Installation Guidelines

Diagram demonstrating the connection between the product body and the base.

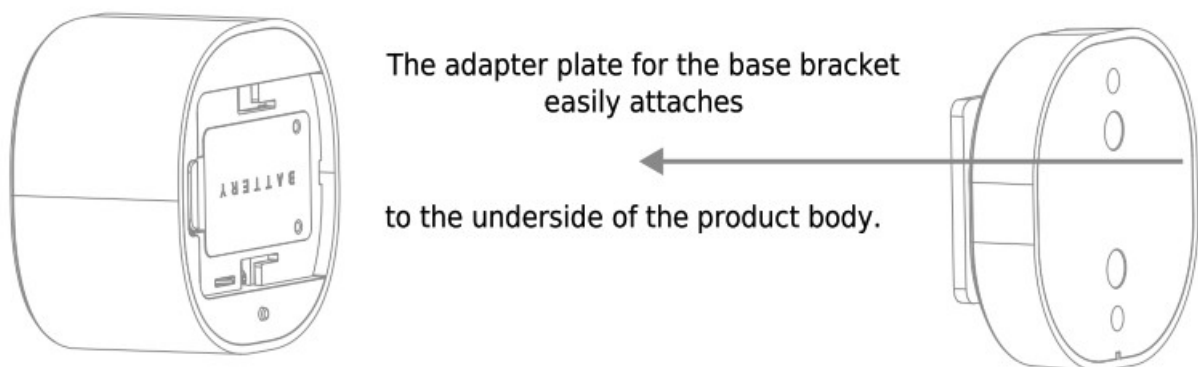
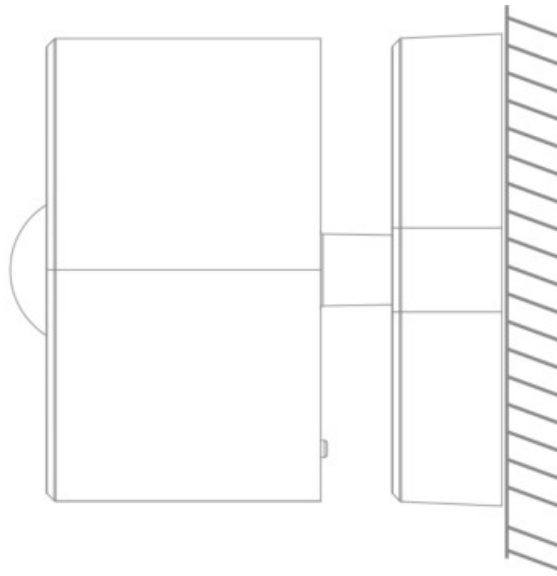


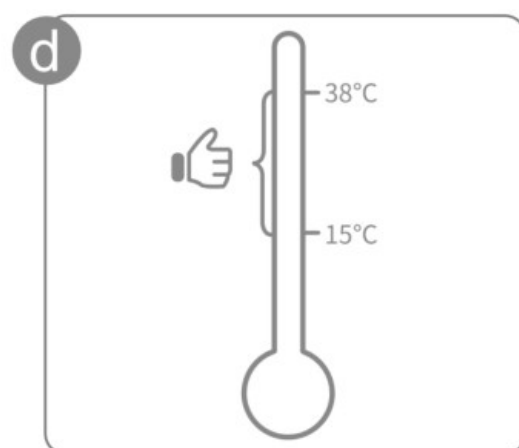
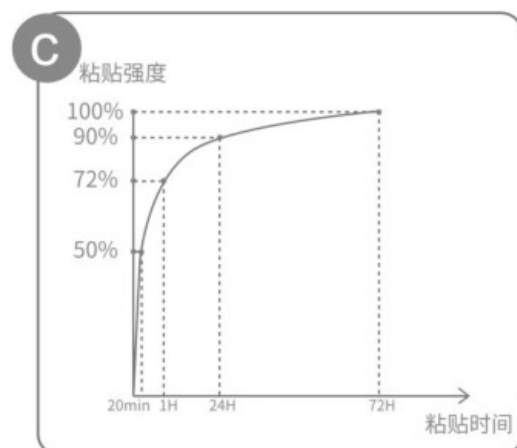
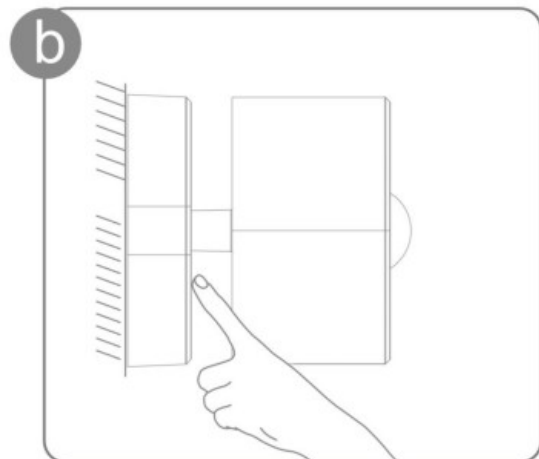
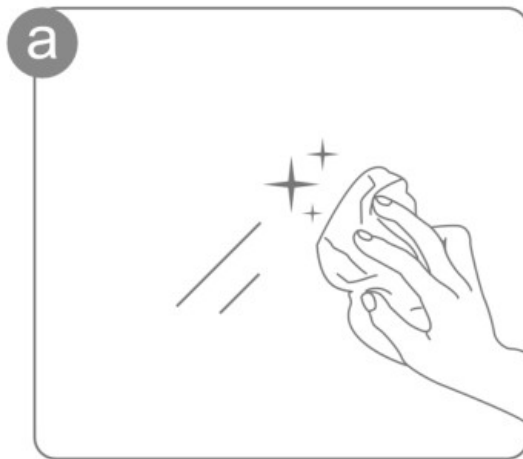
Diagram illustrating the use of double-sided adhesive for attaching the base to the wall.





Remove the protective film from the base and adhere it to the wall.

### Instructions for Applying Double-sided Adhesive



- Ensure the surface to be adhered is clean and smooth, free from rust, oil, or dust.
- To achieve optimal adhesion, apply sufficient pressure to ensure full contact between the adhesive and the surface being bonded.
- VHB double-sided tape exhibits initial adhesion, but it reaches its maximum strength after 72 hours. Avoid any structural operations during this period.
- The application temperature should not be lower than 10 °C. If the temperature is too low, the initial adhesion may significantly decrease, leading to a longer curing time.

Consider heat-treating the bonding surface before applying the tape.

## **Installation Guidelines**

- This product is designed for indoor use only; outdoor installation is not permitted.
- Avoid installation near areas with strong air convection, such as fan outlets, windows, or air conditioner vents, as these can cause false alarms due to disruptions in hot air flow and human movement. If possible, use curtains to minimize disturbances.
- Do not install the product near heat sources such as direct sunlight, heaters, or stoves.
- Ensure there are no obstructions like screens, furniture, or large bonsai within the detection range of the device.

## **Frequently Asked Questions (FAQs)**

Why isn't the device connecting to the APP?

A1: Ensure compatibility with MOES/TUYA ZigBee gateway. A2: Check router connection and Wi-Fi signal strength of the gateway; reconnect if necessary. A3: Verify the device's proximity to the gateway and other ZigBee devices for mesh networking. Maintain recommended moderate distance (less than 5 m). A4: Confirm the device is in network distribution mode.

Why is the light unresponsive after installation when I press the switch button?

A1: Cut off power supply and review wiring according to the manual.

Can Zigbee devices interact locally if the Zigbee gateway is not connected to the Internet?

A1: Yes, if scenarios are pre-set and local linkage is prompted in the App, ZigBee devices can interact locally when triggered, even without an external network connection.

## **Warranty Conditions**

A new product purchased in the Alza.cz sales network is guaranteed for 2 years. If you need repair or other services during the warranty period, contact the product seller directly, you must provide the original proof of purchase with the date of purchase. The following are considered to be a conflict with the warranty conditions, for which the claimed claim may not be recognized:

- Using the product for any purpose other than that for which the product is intended or failing to follow the instructions for maintenance, operation, and service of the product.
- Damage to the product by a natural disaster, the intervention of an unauthorized person or mechanically through the fault of the buyer (e.g., during transport, cleaning by inappropriate means, etc.).
- Natural wear and aging of consumables or components during use (such as batteries, etc.).
- Exposure to adverse external influences, such as sunlight and other radiation or electromagnetic fields, fluid intrusion, object intrusion, mains overvoltage, electrostatic discharge voltage (including lightning), faulty supply or input voltage and inappropriate polarity of this voltage, chemical processes such as used power supplies,

etc.

- If anyone has made modifications, modifications, alterations to the design or adaptation to change or extend the functions of the product compared to the purchased design or use of non-original components.

## EU Declaration of Conformity



This equipment is in compliance with the essential requirements and other relevant provisions of EU directives.

## WEEE




This product must not be disposed of as normal household waste in accordance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE – 2012/19 / EU). Instead, it shall be returned to the place of purchase or handed over to a public collection point for the recyclable waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. Contact your local authority or the nearest collection point for further details. Improper disposal of this type of waste may result in fines in accordance with national regulations.





**MOES**<sup>®</sup>  
HOME, SMART MOES HOME

---

## Documents / Resources

	<p><a href="#">Moes ZSS-X-PIRL-C ZigBee PIR Motion Light Sensor</a> [pdf] User Manual ZSS-X-PIRL-C ZigBee PIR Motion Light Sensor, ZSS-X-PIRL-C, ZigBee PIR Motion Light Sensor, Motion Light Sensor, Light Sensor, Sensor</p>
---	--

## References

-  [alza.at](https://alza.at)
-  [Alza | Alza.co.uk](https://alza.co.uk)
-  [alza.hu](https://alza.hu)
-  [alza.sk](https://alza.sk)
- [User Manual](#)