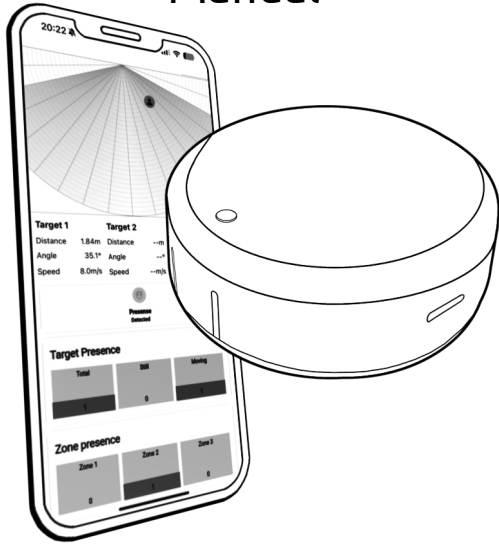


# Presence+ Sensor Manual



## 1. Introduction

Thank you for your purchase of the ESPHome-based presence sensor. This sensor is designed to detect up-to 3 people at once. With ESPHome at its core, you can easily integrate this sensor into Home Assistant, an open-source home automation platform.

## 2. Disclaimer

The seller of this presence sensor wants to clarify that they are not liable for any damage, malfunctions, or adverse consequences that may arise during the installation or use of this device. It is crucial to engage qualified professionals for installation and operation, adhering strictly to safety guidelines, manufacturer instructions, and local regulations.

Improper installation, maintenance, or misuse of the sensor can lead to equipment damage, property issues, or personal injuries. Users must take full responsibility for correctly installing and using the sensor, including any associated risks.

Upon purchasing and using this sensor, users are acknowledging and accepting these terms, releasing the seller from liability for any problems stemming from its installation or usage.

To ensure safe and proper operation, we strongly recommend consulting with a qualified technician or professional for the installation and maintenance of this presence sensor.

## 3. Contents

- 1x Presence+ sensor
- 1x Instruction manual
- 2x Velcro tape

## 4. Specifications

Board:  
Input voltage : 5V (USB)

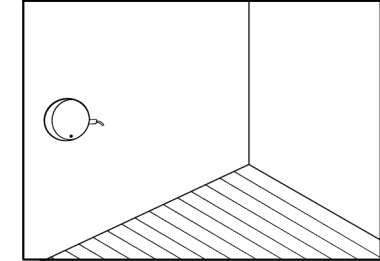
Enclosure:  
Dimensions : 60 x 60 x 20 mm  
Material : ABS white

Detection range:  
Distance : up to 6 meters  
Horizontal angle :  $\pm 60^\circ$   
Vertical angle :  $\pm 35^\circ$

## 5. Installation

1. Attach the included Velcro strip to the back of the sensor.
2. Position the sensor in the desired location.  
The 'dot' on the sensor indicates the bottom side
3. Connect the sensor to a power source using a USB-C cable

Example:



## 6. Network connection

The Presence+ sensor will power up after installation and, when unconfigured, will create a WiFi-network called "presence-plus-setup".

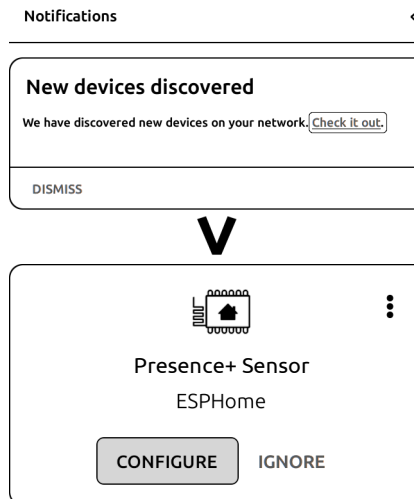
The password of this AP network is **presence-plussetup**. To configure a network for the sensor to connect to, in a web browser visit <http://192.168.4.1/>. From there the correct WiFi network can be set-up. A green light will blink while the sensor is connecting to WiFi and will turn off when a connection is made.



## 7. Home Assistant

After a successful WiFi connection, Home Assistant will show a notification about a newly discovered device. All entities will become available after clicking *configure*.

An orange light will flash until the sensor is connected to HomeAssistant and will turn off afterwards.



## 8. Zone configuration

The sensor supports up to three detection zones, allowing you to monitor the number of people present in each zone.

Zones can be configured in the following ways:

**Within Home Assistant:** Use Home Assistant's interface for seamless integration. Each zone is defined by specifying four coordinates (X1, Y1, X2, Y2).

**Using a Third-Party App:** Alternatively, zones can be configured using a third-party application, where zones can be visually drawn within the sensor's detection range.



*Important: The third-party app is not developed or maintained by us. While it may provide additional features, we cannot guarantee its safety, reliability, or quality. Use it at your own discretion.*

