



# Strips Presence for LoRaWAN

Meet the ultra-slim LoRaWAN occupancy sensor



Strips Presence for LoRaWAN is an innovative **ultra-thin (3mm/0.117in) active IR occupancy sensor for smart offices and buildings**. Strips Presence monitors the desk occupancy rate by measuring objects and people within close range (configurable up to 50cm/19in). It can be mounted invisibly or highly discreetly and is very suitable for office applications such as hot-desking and similar services.

The discreet design and easy mounting with adhesive backing make it **the sensor of choice for architects and design-conscious office managers**.

- Active IR presence sensor
- Ultra-thin (3mm/0.12in) design
- Up to 10-year battery lifetime
- Up to 10 km (6 miles) range
- Easy installation



## DESCRIPTION

### STRIPS LORAWAN PRESENCE

#### Desktop Occupancy Sensor

Strips LoRaWAN Presence is an ultra-thin (<3 mm) occupancy sensor designed for precise desk and workspace monitoring. Using active IR technology, it detects presence at close range (up to 50 cm), providing accurate and reliable occupancy data at desk level.

With a battery life of up to 10 years and zero maintenance, it is ideal for large-scale smart office and building deployments where minimizing operational cost and service effort is critical.

Its discreet design makes the sensor virtually invisible once installed—without interfering with users, furniture, or daily operations.

#### Typical use cases

- Desk occupancy monitoring (flex offices, hot-desking)
- Workspace utilization and analytics
- Smart office presence detection
- Asset monitoring (e.g. artwork, equipment)
- Open/close detection (doors, drawers, cabinets)
- Seat and space usage tracking

#### Key advantages

- High accuracy – precise presence detection at desk level (not room-level estimation)
- 10-year battery life – zero maintenance, no battery replacements required
- Discreet & non-intrusive design – ultra-thin, invisible installation with no interference
- Robust in daily use – no risk of damage from knees, chairs, or cleaning
- Easy installation – fully wireless, no cabling required
- Multi-function sensor – combines presence detection and magnetic open/close

When combined with Sensative +Switch, it can also be used interactively—for example, to trigger cleaning or service requests directly from the workspace.

The sensor can be mounted quickly and securely using Sensative +Clip, enabling flexible installation on various surfaces and structures.

## IMAGE GALLERY



# SPECIFICATION

## Application

Application Desk occupancy monitoring, smart office, Presence, Seat monitoring

## Benefits

Benefits Invisible design (<3mm), No maintenance (10 years), Long-range (10 km), Simple installation & mounting, Low-lifecycle cost (multi-purpose multi-sensor)

In/Outdoor usage Indoor

## Features

Sensor Open/Close, Temperature, Presence

Firmware update over the air (FOTA) No

## Connectivity data

Frequency EU868 - Europe 863-870 MHz or US915 - US 902 - 928 MHz or AU915 - Australia 915 - 928 MHz or AS923-1 - Asia 902 - 928 MHz or KR920 - South Korea 902 - 928 MHz or JP920 - Japan or IN865 - India

Protocols / Connectivity LoRaWAN

LoRaWAN version V 1.0.4

LoRaWAN class Class A

Antenna Integrated

## Sensor data

Temperature accuracy  $\pm 1\text{ }^{\circ}\text{C}/ 1.8\text{ }^{\circ}\text{F}$  @ 0-30  $^{\circ}\text{C}/32\text{-}86^{\circ}\text{F}$ ,  $\pm 1\text{ }^{\circ}\text{C}/ 1.8\text{ }^{\circ}\text{F}$  @ 0-30  $^{\circ}\text{C}/32\text{-}86^{\circ}\text{F}$ ,  $\pm 1\text{ }^{\circ}\text{C}/ 3.6^{\circ}\text{F}$  @ 0-30  $^{\circ}\text{C}/32\text{-}86^{\circ}\text{F}$ ,  $\pm 1\text{ }^{\circ}\text{C}/ 1.8\text{ }^{\circ}\text{F}$  @ 0-30  $^{\circ}\text{C}/32\text{-}86^{\circ}\text{F}$

Sensor type Active IR, Magnetic contact

## Power supply

Powered by Battery, Built-in battery (LiMnO2), 1,4 Wh (480 mA @ 3V), Non rechargeable battery

## Operating Conditions

Operating temperature (max) +60 $^{\circ}\text{C}$

Operating temperature (min) -20 $^{\circ}\text{C}$

IP Class 20

## Mechanical data

Width (mm) 15

Height (mm) 3

## More information

Manual URL <https://public.yggio.net/docs/lorawan-sensors/strips-presence>

Battery calculator <https://sensative.com/sensors/strips-lora-sensors/sensative-strips-lora-battery-calculator/>

Payload decoder <https://sensative.com/sensors/strips-lora-sensors/sensative-strips-lora-ms-resource-center/>

## PATENTED

Sensitive Strips are protected by one or more of the following patents:

### **Elongated wireless sensor assembly**

Sweden: SE 537 509

Europe: 3053152

EP 3 670 811 B1

USA: 9,953,496

USA: 10,720,033

USA; 11,170,617

### **PRODUCT SPECIFICATIONS; DISCLAIMER OF WARRANTIES.**

All Products specifications, illustrations, drawings, images, particulars, dimensions, performance data, and other information in this document or made available by us are intended to represent no more than a general illustration of the product and its features. They do not constitute a warranty or representation by us that the product will conform with the same. Products that are shipped to you may vary from these images or specifications. PRODUCTS ARE PROVIDED WITHOUT ANY WARRANTIES OR SUPPORT OF ANY KIND, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, AND NO OTHER REPRESENTATIONS OR CLAIMS OF ANY KIND WILL BE BINDING ON OR OBLIGATE US. PRODUCTS ARE EXPRESSLY PROVIDED TO YOU "AS IS." WE DO NOT AND WILL NOT PROVIDE ANY TECHNICAL OR CUSTOMER SUPPORT FOR PRODUCTS WHATSOEVER. IF ANY TECHNICAL SUPPORT OR ASSISTANCE IS PROVIDED WITH RESPECT TO PRODUCTS AND THE USE THEREOF, IT IS PROVIDED "AS IS", WITHOUT WARRANTIES, REPRESENTATIONS, OR CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED. WE DO NOT WARRANT THAT THE USE OR OPERATION OF PRODUCTS WILL BE UNINTERRUPTED OR ERROR FREE. YOU BEAR ALL RISKS RELATING TO THE USE OF PRODUCTS AND THE QUALITY AND PERFORMANCE OF PRODUCTS AND ASSUME THE ENTIRE COST OF ALL NECESSARY SERVICING, REPAIR, OR CORRECTION EXCEPT AS EXPRESSLY SET FORTH AS PART OF THE EXCHANGE POLICY. THESE TERMS STATE YOUR SOLE AND EXCLUSIVE REMEDIES. SOME JURISDICTIONS DO NOT ALLOW FOR THE DISCLAIMER OR LIMITATION OF WARRANTIES, SO THE ABOVE DISCLAIMER OR LIMITATION MAY NOT APPLY TO YOU.