

Strips Presence for LoRaWAN



Meet the ultra-slim occupancy sensor for LoRaWAN

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



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Documentation and other resources

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Use Cases

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Description

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**.

Strips Presence can also be used for asset monitoring such as paintings and other valuables. You also have the possibility to use the included magnetic sensor to monitor open/close of doors, windows, or drawers.

Strips Presence complemented with [+Switch](#) can be used as a slider button, for example, [to order cleaning of a desk when needed](#). Strips Presence is part of the Strips LoRaWAN family of sensors that offer a **range of up to 10 km (6 miles), battery life of up to 10 years**, and a very simple process of mounting and inclusion.

Features

Default sensors

- Active IR occupancy sensor

Configurable

- Magnet sensor

Common features

- Sensor memory
- Reporting based on deviation
- Reporting based on movement
- Alarms
- Supports [+Switch](#)

Benefits

- Suitable for indoor usage
- So thin (<3mm>

- Adhesive backing for quick and easy mounting
- Convenient, no maintenance, no changing or charging batteries (10 years)
- Long-range (10 km / 6 miles)
- Simple installation & mounting

Specification

Product name	Strips Presence for LoRaWAN
Units per package	1 pcs
Mounting method	Adhesive mounting
Dimensions	Sensor: 195 x 15 x 3 mm (7.67 x 0.59 x 0.12 in) Magnet: 12 x 2 mm (0.47 x 0.08 in)
Height sensor	2.98 mm (0.117in)
Features	<ul style="list-style-type: none"> • Desk occupancy sensor • Asset management sensor
Sensor	Active IR-Sensor (measures distance up to 50 cm / 19 in from the sensor)
Regions	Europe (863-870 MHz) North America (902 - 928 MHz)
Range	Up to + 14 dBm output power Rx sensitivity -137 dBm Up to 10 km range (free line of sight)
Operating conditions	For indoor use -30°C to +60°C (-22°F to +140°F)
Battery	Built-in battery (LiMnO ₂)
Battery life-time	up to 10 years (find our Strips battery calculator here)
Device type	Type A
Supports	LoRaWAN v1.0.3 +Switch

Battery Calculator

[Go to the Strips for LoRaWAN Battery Calculator](#)

Covid-19 use case

Ideal for busy office spaces and hot desking environments, the Sensitive desk occupancy sensor can be useful in creating [a COVID-secure workspace](#)