



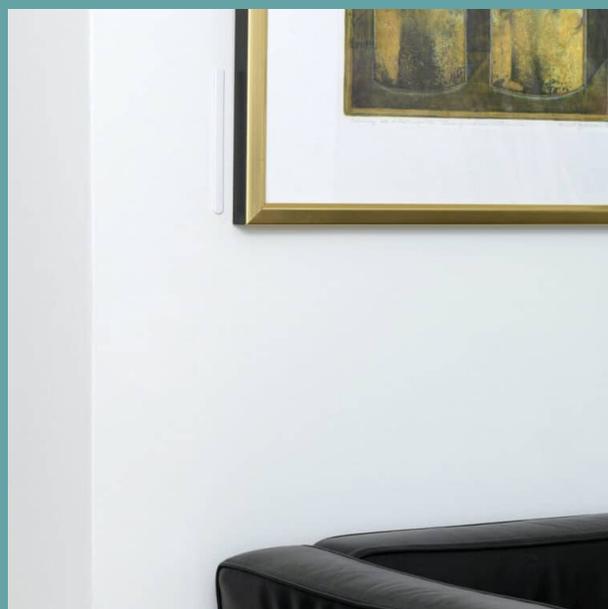
# Strips Multi-sensor +Comfort for LoRaWAN

Meet the ultra-slim LoRaWAN temperature, light and humidity sensor

With its low power consumption and **long battery life of up to 10 years**, it is the ideal choice for any professional indoor application. MS +Comfort's precise measuring gives you a **great overview of your indoor climate**. Maybe you want to keep your office environment optimal for the well-being of your staff or keep a close eye on changes in temperature and humidity in remote areas such as cellars or attics.

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

- Humidity sensor
- Temperature sensor
- Ambient light (LUX) sensor
- Ultra-thin (3mm/0.12in) design
- Up to 10 year battery lifetime
- Up to 10 km (6 miles) range
- Easy installation



## DESCRIPTION

### STRIPS COMFORT LORAWAN

Strips Comfort is an ultra-thin (<3 mm) wireless multi-sensor designed for indoor climate monitoring. It measures temperature, humidity, and light (LUX) and communicates over LoRaWAN for reliable long-range connectivity.

With a battery life of up to 10 years and zero maintenance, it's ideal for professional IoT deployments in offices, residential buildings, and sensitive environments.

Monitor and optimize indoor climate, detect deviations early, and identify conditions that can lead to moisture damage and mold risk—for example in basements, attics, and poorly ventilated spaces.

### TYPICAL USE CASES

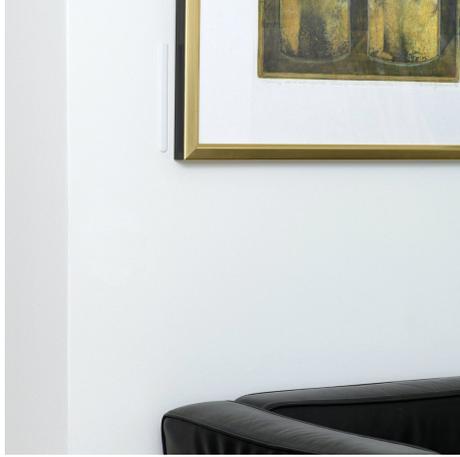
- Indoor climate monitoring (offices, schools, residential)
- Mold risk indication (based on temperature & humidity conditions)
- Moisture and humidity control (basements, attics)
- Energy optimization and HVAC control
- Property protection and risk reduction

### KEY BENEFITS

Discreet design – ultra-slim (<3 mm), blends into any environment

- Maintenance-free – up to 10 years battery life
- Long-range communication – LoRaWAN up to 10 km
- Easy installation – no wiring required
- Multi-sensor in one device – reduces hardware cost and complexity
- Early warning of climate risks – helps prevent moisture and mold issues

# IMAGE GALLERY



# SPECIFICATION

## Application

Application Room sensor, Security

## Benefits

Benefits Blend-in design, No maintenance (10 years), Long-range (10 km), Simple installation & mounting, Low-lifecycle cost (multi-purpose multi-sensor)

In/Outdoor usage indoor & sheltered outdoor

## Features

Sensor Open/Close, Temperature, Humidity, Ambient Light (Lux)

Firmware update over the air (FOTA) No

## Connectivity data

Frequency EU868 - Europe 863-870 MHz or AS923 - Asia 915 - 928 MHz or US915 - US 902 - 928 MHz or AU915 - Australia 915 - 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 +/- 0.2 °C

Humidity accuracy 1.8% RH

## Power supply

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

## Operating Conditions

Operating temperature (max) +60°C

Operating temperature (min) -20°C

IP Class 62

## Mechanical data

Weight (g) 11

Width (mm) 15

Height (mm) 3

## More information

Manual URL <https://public.yggio.net/docs/lorawan-sensors/strips-multi-sensor#strips-ms-comfort>

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

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