



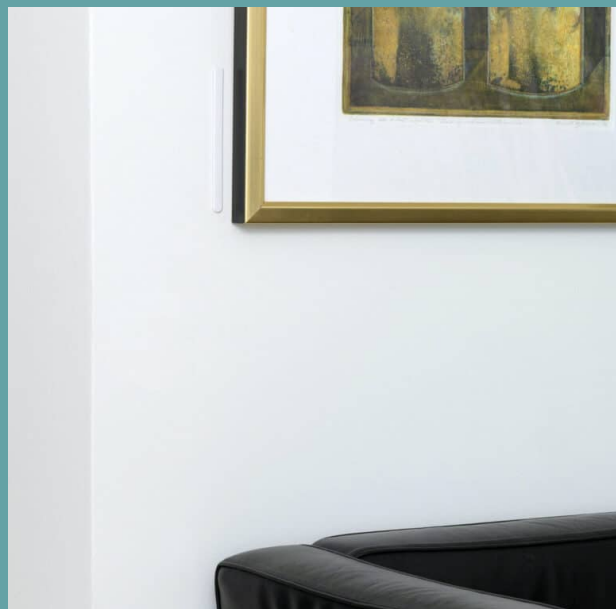
# Strips Multi-sensor +Comfort for LoRaWAN

Strips MS +Comfort, the wireless and ultra-slim multi-sensor with humidity, temperature, and light measuring for LoRaWAN

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

### IoT SENSOR FOR SMART PROPERTIES

Sensitive's Strips MS +Comfort is a wireless and ultra-slim (<3mm) multi-sensor that measures humidity, temperature, and light (LUX) for LoRaWAN. With its low power consumption and long battery life of up to 10 years, it is perfect for any professional indoor IoT application. With MS +Comfort, you can precisely measure the climate on your property and keep an optimal environment in your office or monitor temperature and humidity changes in vulnerable areas such as cellars or attics.

The sensor's discreet design and multi-functionality provide more value to your company and its operations as you realize your needs. Implementing MS +Comfort sensors is an excellent choice for entering the modern world of IoT and PropTech, energy optimization, automation, convenience services, and property protection.

If you utilize your sensors with our horizontal IoT platform Yggio, you will have many possibilities thanks to the systems interoperability services. This means that you can connect Strips to other IoT devices, systems, and services no matter which technology or protocol, for example, an AC system or a dehumidifier, and in this case, adapt the climate based on your latest readings.

#### **BENEFITS:**

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

# 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, 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 (LiMnO<sub>2</sub>), 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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