

Strips Multi-sensor +Comfort for LoRaWAN



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

Humidity sensor

Temperature sensor

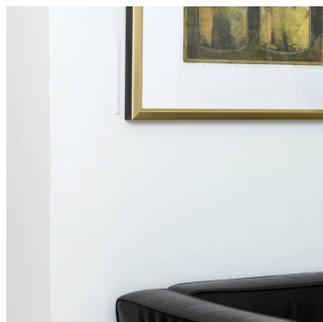
Ambient light (LUX) sensor

Ultra-thin (3mm/0.12in) design

Up to 10 year battery lifetime

Up to 10 km (6 miles) range

Easy installation



[\(how to generate PDF\)](#)

Documentation and other resources

Visit the Strips for LoRaWAN Resource Center

Use Cases

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Description

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

Strips is a multi-sensor with multi-purposes, with humidity, temperature, and light (LUX) measuring, as well as magnetic open/close sensor (suitable for applications such as window or door monitoring). This multi-functionality means that the more you realize your own specific needs, the more value our sensors will bring to your company and its operations. Implementing MS +Comfort sensors is a great choice for stepping into the modern world of IoT and PropTech, energy optimization, automation, convenience services, and property protection.

The discreet design and easy mounting makes it the sensor of choice for architects and design conscious tenants.

Features

+Comfort profile

- Temperature
- Light (LUX)
- Humidity

Also includes

- Magnetic contact sensor
- Capacitance sensor

Features

- Sensor memory
- Time-based reporting
- Deviation based reporting
- Alarms
- Supports [+Switch](#)
- Suitable for indoor use

Specification

Product	Strips Multi-sensor +Guard for LoRaWAN
Features	<p>Default</p> <ul style="list-style-type: none"> • Humidity +/- 3% RH • Temperature +/- 0.40°C (0.72°F) accuracy • Light 1-64000 LUX • LED indication <p>Configurable</p> <ul style="list-style-type: none"> • Magnet Sensor • Capacitance sensor
Reporting	Temperature / light reporting based on deviation to save battery
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 (6 miles) range (free line of sight)
Dimensions	Sensor: 195*15*2.98 mm (7.67 × 0.59 × 0.12 in) Magnet: 12*2 mm (0.47 × 0.12 in) Mounting plate: 195*15*3 mm (7.67 × 0.59 × 0.12 in)

Product	Strips Multi-sensor +Guard for LoRaWAN
Operating Conditions	-30°C to + 60°C (-22°F to +140°F) Indoor usage
Power Supply	Built-in LiMnO2 battery. Battery life up to 10 years, depending on for instance network radio quality
Supports	LoRaWAN v1.0.3 +Switch

Battery Calculator

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