

Strips Multi-sensor +Guard for LoRaWAN



Strips +Guard is a revolutionary magnetic contact sensor for monitoring windows, doors, and valuables

Open/close detection

Magnetic contact sensor

Indoor or outdoor use

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

Visit the [Sensitive IoT Use Case Library](#)



Description

With its long **battery life of up to 10 years**, up to **10 km (6 miles) range** and high quality for both **in & outdoor** applications it is the ideal sensor for any professional IoT applications. Strips MS +Guard is a multi-sensor that can also be used for precise temperature & LUX measurements to get a great overview of the climate in or outside of your property.

The **multi-sensor 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 +Guard sensors is a great choice for stepping into the modern world of IoT and PropTech, energy optimization, automation, convenience services, and property protection.

Features

+Guard profile

- Magnetic contact sensor for Open/Close monitoring
- Tamper alert

Also includes

- Capacitance sensor
- Temperature sensor
- Light (LUX) sensor

Features

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

Specification

Product	Strips Multi-sensor +Guard for LoRaWAN
Features	<p>Default</p> <ul style="list-style-type: none"> • Magnet Sensor • LED indication <p>Configurable</p> <ul style="list-style-type: none"> • Temperature +/- 0.24 °C (0.43 °F) accuracy • Light 1-64000 LUX • 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 range (free line of sight)
Dimensions	Sensor: 195*15*2.98 mm (7.67 × 0.59 × 0.12 in) Magnets: 1. 30*11*1 mm (1.18 × 0.43 × 0.11 in) 2. Diameter 12 * 3 mm (0.47 × 0.12 in)
Operating Conditions	-30°C to +60°C (-22°F to +140°F) In- and outdoor usage
Power Supply	Built-in LiMnO ₂ battery. Battery life up to 10 years, depending on for instance network radio quality
Magnetic range	Approx. 10 mm (0.4 in)
Device type	Type A
Supports	LoRaWAN v1.0.3 +Switch

Battery Calculator

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