DOOR & WINDOW SENSOR · LORAWAN



Strips Guard

The invisible door and window sensor: a 3 mm magnetic contact sensor with temperature, built for indoor and sheltered outdoor use, with over ten years on one battery.

- Open/close · magnetic contact
- Temperature · beacon mode while open
- LoRaWAN · up to 10 km
- 480 mAh · 10+ years
- 3 mm thin · IP67 · patented

OVERVIEW

Strips Guard is a patented magnetic contact sensor that reports when a door, window, gate or drawer opens or closes. At under 3 mm thick it disappears into the frame, so it suits listed buildings and design-conscious offices as well as plant rooms and sheltered outdoor gates. A temperature sensor comes as standard.

It can also run as a beacon that only transmits while the opening is open. That is useful with metal doors and windows, and for driving ventilation, heating or an alarm from the open/closed state. On a LoRaWAN network it reaches up to 10 km line of sight, and in Yggio the event can trigger any rule you like.

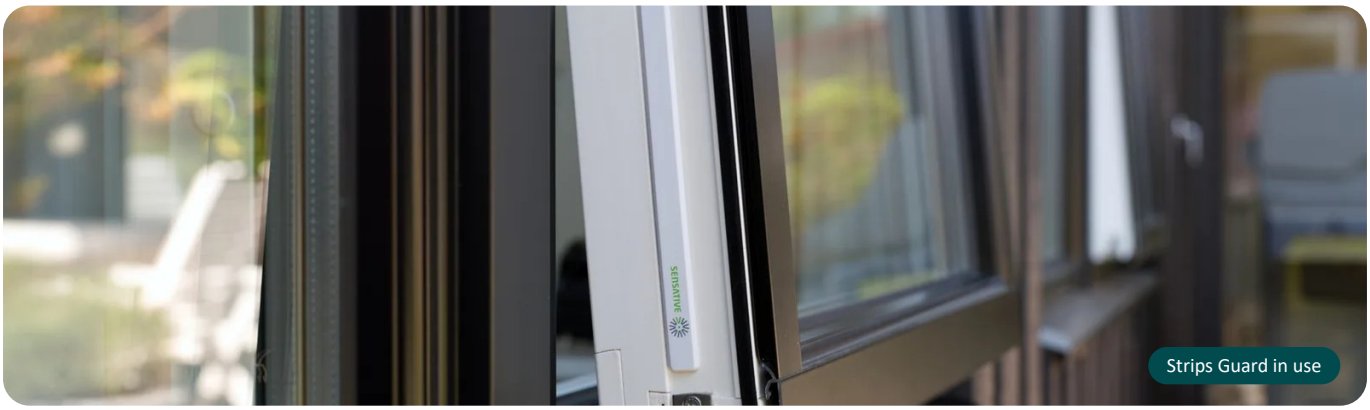
WHY IT MATTERS

Invisible installation
Under 3 mm thick, it fits between frame and sash with its adhesive backing and stays out of sight.

Beacon mode
Transmit only while open: works with metal frames and gives heating, ventilation or alarms a live open/closed state.

Indoors and sheltered outdoors
IP67 and –20 to +60 °C, for sheltered gates, sheds and cabinets as well as offices and homes.

Over ten years, no maintenance
Built-in battery rated for over ten years, with temperature reporting included.



Strips Guard in use

Specifications are subject to change without notice in the interest of continuous product improvement.

Specifications

SENSING

Sensors	Magnetic contact (open/close), temperature
Temperature accuracy	±1 °C at 0–30 °C

CONNECTIVITY

Protocol	LoRaWAN 1.0.4, Class A, OTAA
Frequency	EU868 · US915 · AU915 · AS923 · IN865 · JP920
Radio range	Up to 10 km line of sight

POWER AND HOUSING

Battery	Built-in $LiMnO_2$, 480 mAh, 10+ years
IP rating	IP67, indoor and sheltered outdoor
Operating temp	–20 to +60 °C
Dimensions	195 × 15 × 3 mm
Weight	11 g
Mounting	Adhesive backing; +Clip for rough or temporary surfaces
Patent	Granted: SE 537 509 · EP 3053152 · EP 3937144 · US 9,953,496 · US 10,720,033 · US 11,170,617
Also available as	Strips Guard 800 for Z-Wave

TYPICAL USE

Every opening you need to know about, with the sensor hidden in the frame, indoors and sheltered outdoors.

- Doors and windows: open or closed, logged and alarmed
- Intrusion detection in offices and homes
- Ventilation and heating paused while a window is open
- Sheltered gates, sheds and cabinets
- Cabinets, drawers and restricted access points
- Hotel rooms: air conditioning paused while the balcony door is open

WHAT EVERY SENSOR SHARES

Years on one battery

Ultra-low-power design, and cloud-side processing where it saves energy. Battery life depends on the sensor and how often it reports: well over ten years for most sensors.

Quality you can trace

SIDD (Sensative In-Device Diagnostics) keeps an internal quality record in every sensor. On Square, Square Xtreme, Puck and Prism it is collected automatically at each NFC read; Strips are read out physically. That gives traceability for a whole fleet instead of a sample.

Configured over the air

Every sensor takes its settings over the air, so a change of reporting interval or threshold never means a ladder.

Works on any network. Better with Yggio.

Every sensor runs stand-alone on any compatible LoRaWAN network. Add Yggio and it becomes part of one governed operational layer, next to the rest of your devices and systems.

IN THE BOX · MOUNTING



+Clip for rough surfaces

In the box

Strips Guard and a magnet, adhesive pre-applied. No tools, no screws. +Clip is sold separately.

Mounting

Adhesive backing; +Clip for rough or temporary surfaces — the strips +clip is sold separately.

MORE INFORMATION

Product page and downloads: sensative.com/sensors/strips-guard
Manuals, payload decoders and integration guides: public.yggio.net/docs
Questions and quotes: sales@sensative.com · Buy: shop.sensative.com or a Sensative reseller

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