OCCUPANCY & ASSET SENSORS · LORAWAN



Strips Presence & Presence Ruggedized

Two ultra-thin active infrared sensors for LoRaWAN. Presence reports desk and seat occupancy invisibly from under the surface; Presence Ruggedized, wrapped in a protective foil, confirms that safety equipment is still in place in sheltered outdoor spots.

- Active IR presence · configurable to 50 cm
- Occupied or free · no cameras
- LoRaWAN · 480 mAh · 10+ years
- Presence IP20 · Ruggedized IP67 in a foil
- 3 mm thin · +Switch-ready · patented

OVERVIEW

Strips Presence detects people and objects at close range using active infrared (configurable up to 50 cm) and reports desk or seat occupancy over LoRaWAN. Under 3 mm thick and adhesive-mounted, it disappears under a desk, a bench or a shelf. There is no camera and no microphone: the sensor knows only whether something is there. It is the workhorse of hot-desking and space-utilisation projects, and with the +Switch accessory it becomes a slider a user can flick to order desk cleaning.

Strips Presence Ruggedized is the same sensor enclosed in a transparent protective foil that takes it to IP67 without adding bulk. It is for lifebuoys, defibrillators and other safety equipment, valuables in semi-outdoor spaces and public infrastructure, where the question is whether the asset is still where it should be. Both carry a temperature sensor, run over ten years on one battery, and mount with adhesive, or with +Clip on rails, posts and equipment.

WHY IT MATTERS

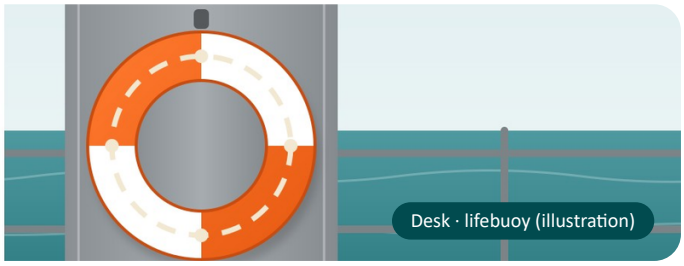
No cameras
Active infrared reports occupied or free. Nothing that identifies a person is ever captured.

Invisible installation
Adhesive-mounted under the desk or seat; the 3 mm profile is never seen by the people using the space.

IP67 in a transparent foil
The Ruggedized version keeps humidity and dust out, so the same sensing can watch a lifebuoy or a defibrillator outdoors.

Order cleaning with +Switch
Add the +Switch accessory to Strips Presence and the strip becomes a slider that requests a desk clean. Not for the foil-wrapped Ruggedized.





Specifications

SENSING

Sensors	Active IR presence, temperature; Presence: magnet sensor for +Switch
Detection range	Configurable, up to 50 cm
Temperature accuracy	±1 °C at 0–30 °C

CONNECTIVITY

Protocol	LoRaWAN 1.0.4, Class A, OTAA
Frequency	EU868 · US915 · AU915 · AS923-1 · KR920 · 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	Presence: IP20, indoor Ruggedized: IP67, indoor and sheltered outdoor
Operating temp	–20 to +60 °C
Dimensions	195 × 15 × 3 mm
Weight	11 g
Mounting	Adhesive backing; +Clip for rails, posts and rough surfaces
Patent	Granted: EP 3926556 (desk sensor assembly) and the Strips patents (SE 537 509, EP 3053152, US 9,953,496 and others)

TYPICAL USE

Presence for the office, to see who is where; Presence Ruggedized for outside, to check it is still there.

- Presence: hot-desking and desk occupancy
- Presence: meeting-room seats and space utilisation
- Presence: paintings and valuables indoors
- Ruggedized: lifebuoys, defibrillators, fire extinguishers
- Ruggedized: valuables in semi-outdoor spaces
- Ruggedized: public infrastructure, removal alerts

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



+Switch slider button, Presence only



+Clip for rails and rough surfaces

In the box

Strips Presence, or Strips Presence Ruggedized in its foil, with adhesive pre-applied. +Clip sold separately; +Switch fits Presence only.

Mounting

Adhesive backing; +Clip for rails, posts and rough surfaces — the strips +switch is sold separately.

MORE INFORMATION

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

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