INDOOR CLIMATE SENSOR · LORAWAN



Strips Comfort

Precise indoor climate monitoring in an ultra-thin, adhesive-mounted strip: temperature, humidity and ambient light, with over ten years of battery life.

- Temperature · humidity · light (lux)
- ±0.2 °C · ±1.8 % RH accuracy
- LoRaWAN · up to 10 km
- 480 mAh · 10+ years
- 3 mm thin · IP63 · patented

OVERVIEW

Strips Comfort measures temperature to ±0.2 °C, relative humidity to ±1.8 % and ambient light in lux, and reports them over LoRaWAN. It fixes with adhesive backing and, at under 3 mm, disappears along a skirting board, a door architrave or a window frame.

Use it to keep an office comfortable, to watch for damp in cellars and attics, or to feed a heating and ventilation system with the room data it needs. A magnet sensor is built in for the +Switch accessory, a slider with small magnets that turns the strip into a button for ordering a service or starting a scenario. IP63, for indoor and sheltered outdoor use.

WHY IT MATTERS

Accurate where it matters

±0.2 °C and ±1.8 % RH, accurate enough to control heating and ventilation as well as to log.

Blend-in design

Under 3 mm and adhesive-mounted, it disappears along a skirting board, a door architrave or a window frame.

Add a button with +Switch

The built-in magnet sensor reads the +Switch slider accessory, so the same strip can order cleaning or set a scene.

Over ten years, no maintenance

Deploy it across a whole building and leave it there: the battery lasts over ten years.



Strips Comfort in use

Specifications

SENSING

Sensors	Temperature, humidity, ambient light (lux), magnet sensor for +Switch
Temperature accuracy	±0.2 °C
Humidity accuracy	±1.8 % RH

CONNECTIVITY

Protocol	LoRaWAN 1.0.4, Class A, OTAA
Frequency	EU868 · US915 · AU915 · AS923 · 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	IP63
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 Comfort 800 for Z-Wave

TYPICAL USE

Indoor climate where the sensor should not be seen: along a skirting board, an architrave or a window frame.

- Indoor climate in offices, schools and homes
- Moisture and mould risk in basements and attics
- Heating and ventilation control on room data
- A comfortable indoor climate in shops and public spaces
- Order cleaning or set a scene by sliding the +Switch
- Early warning of damp to protect the property

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 accessory



+Clip for rough surfaces

In the box

Strips Comfort and one or two magnets, adhesive pre-applied. No tools, no screws. +Switch and +Clip are sold separately.

Mounting

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

MORE INFORMATION

Product page and downloads: sensative.com/sensors/strips-comfort
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.