INDOOR CLIMATE SENSOR · Z-WAVE 800



Strips Comfort 800

Indoor climate for Z-Wave: temperature, humidity and ambient light wherever it is mounted, in a strip that architects and design-conscious homes accept.

- Temperature · humidity · light (lux)
- ±0.2 °C · ±1.8 % RH accuracy
- Z-Wave 800 · Long Range · S2 · FOTA
- 480 mAh · 10+ years
- 3 mm thin · IP63 · patented

OVERVIEW

Strips Comfort 800 measures temperature, relative humidity and ambient light in lux wherever it is mounted, and reports them over Z-Wave. The discreet design and easy adhesive mounting make it a popular choice where a visible sensor is not welcome.

Built on the Z-Wave 800 series with Long Range, S2 security, SmartStart inclusion and over-the-air firmware, with a battery life of over ten years. It gives a smart-home hub the room data it needs to run heating, blinds and ventilation.

WHY IT MATTERS

Z-Wave 800 series

Long Range up to 800 m, S2 security and SmartStart inclusion: the current generation of Z-Wave on the same Strips hardware.

Invisible installation

Under 3 mm thick with adhesive backing: mounts inside the frame or under a surface and is never seen.

Three readings, one strip

Temperature, humidity and light: the inputs for heating, blinds and ventilation automation.

Over ten years

Over ten years on the built-in battery, with firmware updates over the air.



Strips Comfort 800 in use

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

Specifications

SENSING

Sensors	Temperature, humidity, ambient light (lux)
Temperature accuracy	±0.2 °C
Humidity accuracy	±1.8 % RH

CONNECTIVITY

Protocol	Z-Wave 800 series, Z-Wave Long Range
Security	S2, SmartStart inclusion
Radio range	Up to 800 m with Z-Wave Long Range

OTHER

Firmware	Updates over the air (FOTA)

POWER AND HOUSING

Battery	Built-in $LiMnO_2$, 480 mAh, 10+ years
IP rating	IP63
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 for LoRaWAN

TYPICAL USE

Room data for the hub from a sensor nobody sees, along a skirting board, an architrave or a window frame.

- Indoor climate in living rooms and bedrooms
- Heating, blinds and ventilation on real room data
- Moisture and mould risk in basements and attics
- Sleep and work climate in home offices and bedrooms
- Greenhouses and sheltered outbuildings
- Temperature in holiday homes while nobody is there

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 Z-Wave 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 Comfort 800 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-comfort-800
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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