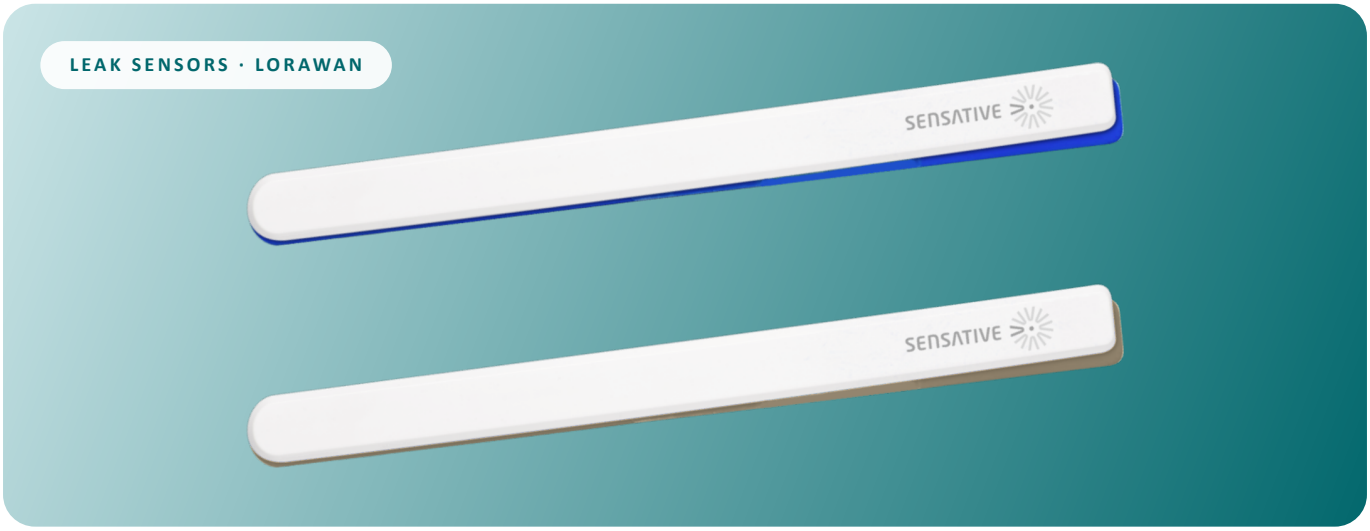


Strips Drip & Drip Oil

Two ultra-thin leak sensors for LoRaWAN. Drip catches the first drops of water under sinks, appliances and pipes; Drip Oil alarms on practically any liquid and tells water from oil, for machinery and hydraulics.

- Drip: water leak, configurable sensitivity
- Drip Oil: any liquid, tells water from oil
- Temperature · freeze alarm on both
- LoRaWAN · 480 mAh · 10+ years
- Drip 6 mm · Drip Oil 4 mm · IP67

OVERVIEW

Strips Drip raises an alarm the moment its absorbent pads get wet, at the first drops rather than a puddle. Sensitivity is configurable, so a damp cellar floor and a burst hose can be told apart, and a temperature sensor adds a freeze alarm for pipes at risk. At 6 mm (the 3 mm strip plus a 3 mm plate carrying the pads) it fits under appliances, along pipe runs and in plant rooms.

Strips Drip Oil senses in two layers: the outer alarms on any liquid, the inner sits behind a water-repellent, oil-absorbing membrane that only oil and other non-water liquids pass. One layer wet means water, both wet means oil, and the alarm says which. With only that thin foil it is 4 mm, for gearboxes, hydraulic lines and the floor beneath tanks. Both carry a temperature sensor with freeze alarm, are IP67, run over ten years on one battery, and mount with adhesive, or with +Clip where adhesive will not hold.

WHY IT MATTERS

Catches the first drops

Drip's absorbent pads react to the first moisture, with sensitivity you can tune, so a damp floor and a burst hose are told apart.

Tells water from oil

Drip Oil's two sensing layers give two alarms from one strip: any liquid, or specifically oil and other non-water liquids.

Freeze alarm

Both carry a temperature sensor that warns before pipes freeze, so you can prevent a leak rather than detect it.

Fits where leaks start

Slim and sturdy enough for under appliances and gearboxes, behind pipes and hydraulic lines, beneath tanks.





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

Specifications

SENSING

Sensors	Drip: water leak (absorbent pads), temperature Drip Oil: two-layer capacitive liquid sensor, temperature
Alarms	Drip: leak with configurable sensitivity, freeze Drip Oil: water leak; oil or other liquid, reported separately; freeze

CONNECTIVITY

Protocol	LoRaWAN 1.0.4, Class A, OTAA
Frequency	Drip: EU868 · US915 · AU915 · AS923 · KR920 · IN865 Drip Oil: EU868 · US915 · AU915 · AS923-1 · IN865
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 mm Drip 6 mm (3 mm sensor + 3 mm pad plate) Drip Oil 4 mm
Mounting	Adhesive backing; +Clip for rough or temporary surfaces
Service	Drip Oil: replace the oil-absorbing foil after exposure
Patent	Strips patents granted (SE 537 509, EP 3053152, US 9,953,496 and others) Drip Oil oil sensor pending
Also available as	Strips Drip 800 for Z-Wave

TYPICAL USE

Drip for water in buildings; Drip Oil where machines leak oil, coolant or hydraulic fluid. Both hide where the first drops land.

- Drip: under sinks, dishwashers and washing machines
- Drip: pipe runs, plant rooms and lift shafts
- Both: freeze warning on pipes at risk
- Drip Oil: gearboxes, hydraulics and machine rooms
- Drip Oil: wind turbines and remote plant
- Drip Oil: beneath tanks and along oil lines

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

Drip with its pad plate, or Drip Oil with its foil, with adhesive pre-applied. +Clip 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-drip · strips-oil
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.