



Strips Multi-sensor +Drip for LoRaWAN

Meet the ultra-slim multi-sensor with water leak alarm for LoRaWAN

Strips MS +Drip is an innovative **ultra-thin (3mm/0.12in)** and wireless multi-sensor for LoRaWAN with water leak detection, developed for smart IoT applications such as building monitoring and operations. MS +Drip is excellent at detecting any water leakage and its slim and sturdy design makes it perfect for mounting concealed in small spaces. With a **battery life of up to 10 years**, you can set it and forget it.

- Water-leak sensor
- Temperature alert sensor
- Ultra-thin (3mm/0.12in) design
- Up to 10-year battery lifetime
- Up to 10 km (6 miles) range
- Easy installation



DESCRIPTION

The innovative Strips MS +Drip sensor is an ultra-thin (6 mm) and wireless multi-sensor for LoRaWAN with excellent water leak detection capabilities. Designed for smart IoT applications, such as property monitoring and operations, its slim and sturdy design makes it perfect for concealed mounting in small spaces. The battery life of up to 10 years ensures you can set it and forget it.

In addition to detecting water leaks, the MS +Drip provides temperature data. This multifunctionality means that our sensors can provide more value to your company and its operations as you realize your needs. The main feature of the MS +Drip is to alert you in case of water leakage, and the temperature sensor can alert you if there, for instance, is a risk of freezing pipes. Furthermore, when integrated with a smart building system and other IoT devices, the MS +Drip can automatically turn on/off the water flow or sound an alarm to alert the user about a water leak.

BENEFITS:

- Blend-in design
- No maintenance (10 years)
- Long-range (10 km)
- Simple installation & mounting
- Low-lifecycle cost (multi-sensor, multi-purpose)

IMAGE GALLERY



SPECIFICATION

Application

Application Water leak detection

Benefits

Benefits Blend-in design, No maintenance (10 years), Long-range (10 km), Simple installation & mounting, Low-lifecycle cost (multi-purpose multi-sensor), Freeze alarm

In/Outdoor usage indoor & sheltered outdoor

Features

Sensor Water leak, Temperature, Open/Close

Firmware update over the air (FOTA) No

Connectivity data

Frequency EU868 - Europe 863-870 MHz or AS923 - Asia 915 - 928 MHz or US915 - US 902 - 928 MHz or AU915 - Australia 915 - 928 MHz or KR920 - South Korea 902 - 928 MHz or IN865 - India

Protocols / Connectivity LoRaWAN

LoRaWAN version V 1.0.4

LoRaWAN class Class A

Antenna Integrated

Sensor data

Temperature accuracy ± 1 °C/ 1.8 °F @ 0-30 °C/32-86°F

Sensor type Magnetic contact

Power supply

Powered by Battery, Built-in battery (LiMnO₂), 1,4 Wh (480 mA @ 3V), Non rechargeable battery

Operating Conditions

Operating temperature (max) +60°C

Operating temperature (min) -20°C

IP Class 67

Mechanical data

Width (mm) 15

Height (mm) 6

More information

Manual URL <https://public.yggio.net/docs/lorawan-sensors/strips-multi-sensor/#strips-ms-drip>

Battery calculator <https://sensative.com/sensors/strips-lora-sensors/sensative-strips-lora-battery-calculator/>

Payload decoder <https://sensative.com/sensors/strips-lora-sensors/sensative-strips-lora-ms-resource-center/>

PATENTED

Sensitive Strips are protected by one or more of the following patents:

Elongated wireless sensor assembly

Sweden: SE 537 509

Europe: 3053152

EP 3 670 811 B1

USA: 9,953,496

USA: 10,720,033

USA; 11,170,617

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