SAT PCS
SISTEMAS DE ALTA TECNOLOGÍA

WIRELESS WATER LEAK SENSOR

SAT WLS1



FEATURES

- ✓ Wireless water leak detection.
- ✓ Up to 150 m transmission range in open areas.
- ✓ IP67 water and dust protection.
- ✓ Powered by a 3 V CR2450 battery.
- ✓ 433/868 MHz wireless communication.

DESCRIPTION

The SAT WLS1 Wireless Water Leak Sensor is an intelligent solution designed to detect the presence of water at an early stage and trigger an immediate alert, helping prevent damage caused by leaks, seepage, or flooding. Thanks to its long-range wireless communication, IP67 protection rating, and compact design, it can be easily installed in critical areas such as kitchens, bathrooms, equipment rooms, data centers, or storage facilities. Its low power consumption and 3 V CR2450 battery provide reliable operation and extended battery life, making it an ideal addition to alarm and security systems.

Instantly detects the presence of water to help prevent damage caused by leaks or flooding.

Provides reliable wireless transmission of up to 150 m in open areas for seamless integration with alarm systems.

IP67

Its IP67-rated enclosure ensures reliable performance in environments exposed to water and dust.

The compact wireless design allows for quick installation without the need for additional wiring.

Engineered for energy efficiency to maximize battery life and reduce maintenance requirements.

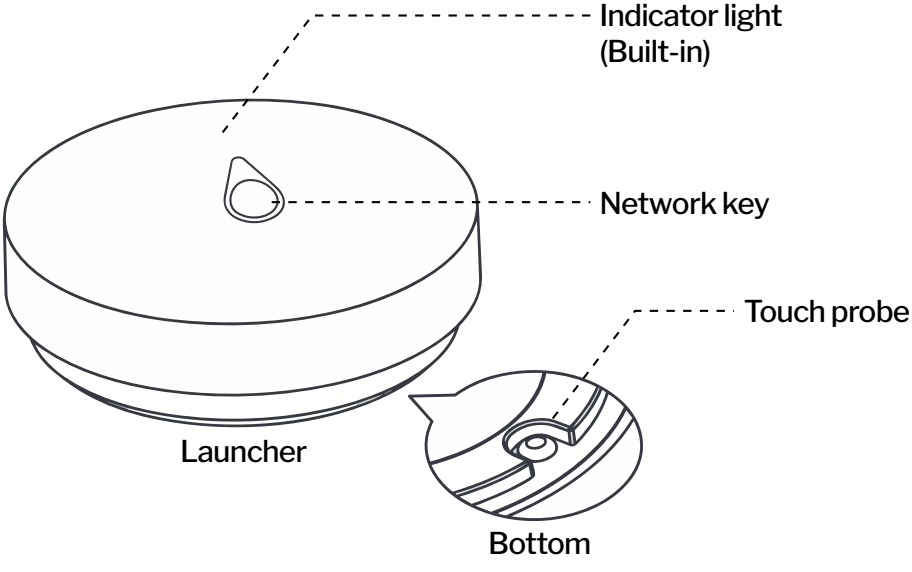
Target Markets

Homes
Offices
Retail
Hotels
Restaurants
Hospitals
Data Centers
Warehouses
Equipment Rooms

1 YEAR WARRANTY



Specifications	
Specification	**Details**
Details	SAT WLS1
Wireless Transmission Distance	120 m (Open Area)
Modulation Method	FSK
Operating Frequency	433 / 868 MHz
Wireless Transmission Distance	150 m (Open Area)
Operating Voltage	DC 3 V, using 1 × CR2450 Coin Cell Battery
Operating Current	≤ 30 mA
Standby Current	≤ 15 μA
Ingress Protection Rating	IP67
Operating Environment	Temperature: -10°C to +50°C Humidity: < 90% RH, Non-Condensing
Dimensions	53 × 53 × 21 mm
Color	White



*Specifications are subject to change without prior notice.

1 YEAR WARRANTY