



SP Leak

Wireless water leak
alarm detector

Leak protection with instant
response

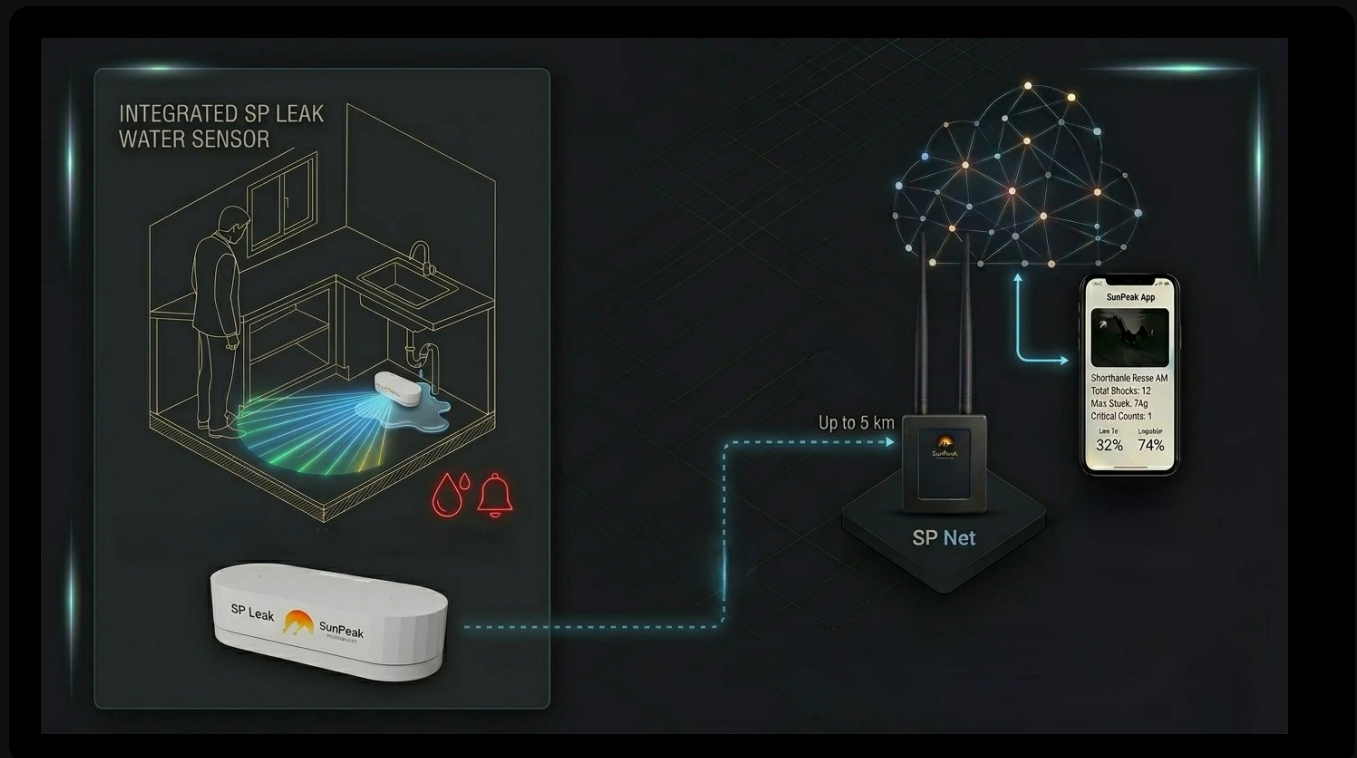
SP Leak — Wireless water leak alarm detector

Protect your premises from flooding with a wireless leak detector featuring instant alerts, a built-in siren and a light beacon. Reliable connectivity and years of autonomous operation.

Key features

- Instant leak detection and alerting
- Built-in siren and light beacon
- Up to 3 years of autonomy on AAA batteries
- Connectivity check every 12 hours
- LoRaWAN range up to 5 km
- Worldwide Helium Network compatibility
- Ready to work out of the box
- 3 years warranty period

How it works



Application Scenarios



Residential and office buildings

Instant detection of leaks in bathrooms, kitchens and server rooms. When water reaches the contacts at the bottom of the enclosure, the device activates a loud buzzer and light indication and immediately sends an alarm over the LoRaWAN network to prevent damage.



Industry and warehouses

Tightness control of tanks and pipelines. Thanks to autonomous power and long radio range, the sensors can be placed in hard-to-reach places, basements and service niches without cabling.



Housing and utilities

Sewage pits and basements packed with water and heating pipes need dryness control. Moisture not only signals resource losses — it causes mould, corrosion and the destruction of building structures.



Server rooms and data centers

A leaking air-conditioning system can cause enormous financial losses. In data centers it is especially important to use independent emergency devices, because failures of cooling, power and connectivity often happen at the same time. SP Leak is independent in both power and communication.

Technical Specifications

The warranty period is 3 years from the device production date.

Key Device Parameters

Parameter	Value
Detection method	Conductivity measurement of the medium
On-device alerting	Sound (buzzer) / Light (LED)
Radio standard	LoRaWAN 1.0.4 (OTAA/ABP) or LoRa SingleChannel
Power source	2 x AAA (LR03) 1.5V
Battery life	up to 3 years

SmartCloud Ecosystem



Cloud Ready

Plug & Play instant activation. All SunPeak devices are ready to work in the SmartCloud platform out of the box.



Instant alerts

Receive leak notifications in real time. The system records the exact start of the incident and the moment it is resolved (contacts dried).



Remote control

Track battery levels and LoRaWAN signal quality across all installation points from your dashboard.

Metrological characteristics

Channel	Range	MPE	Resolution	Status
Leak detection — conductivity between electrodes	water film across the electrodes	—	—	Indicative

MPE — maximum permissible error. Calibration is performed against reference standards traceable to accredited laboratories; each measuring device is delivered with a calibration certificate in the ISO/IEC 17025 form.

Quality documents

Every SP Leak passes visual inspection and a functional test before it ships. For each serial number the product passport with the final inspection report and the technical specification are available at the verification page — scan the QR code on the device passport or enter the serial number.



Verify by serial number

CONTACT

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