



## Water Leak Detector

### Leakage and temperature monitoring for optimal safety

Water damage is one of the most frequent and expensive insurance claims. The Water Leak Detector provides your customer with an early warning in order to prevent or reduce potential damage from leaking roofs, pipes, or appliances, heavy rainfall, overland flooding, or rapidly melting snow or ice. Leaks can go undetected for days, weeks, or months. The Water Leak Detector is designed for early leakage detection in private homes, corporate buildings, camping trailers, caravans, garages, and in humid environments such as kitchens and bathrooms.

The Water Leak Detector can be connected with other Zigbee based products and is easily integrated into insurtech or security solutions.

Key features are:

- Flood sensor - IAS Zone
- Temperature sensor
- 85 dB built-in siren
- optional wall mount available
- Zigbee certified

The Water Leak Detector has a built-in 85 dB siren that will sound an alarm when water is detected. The Zigbee wireless protocol lets the Water Leak Detector integrate with other Zigbee based systems.



- **detects even small amounts of water**
- **5 years battery lifetime**
- **probe extension available for areas with high risk of flooding**

## Water Leak Detector Probe

The Water Leak Detector Probe is an accessory option for the Water Leak Detector. The probe is designed to detect water in areas with a high risk of flooding, e.g. basements, or with difficult accessibility, i.e. underneath domestic appliances. Through instant leak detection, the probe will help prevent potential damage to properties and personal belongings.





## Water Leak Detector - Technical specifications

Model number Water Leak Detector: FLSZB-110, Probe: FLAPR-110

### General

Dimensions (Ø x H)	Ø 60 x 37 mm / Ø 2,36 x 1,46 inches
Color	White
Power supply	Battery: 1 x CR123A, exchangeable Battery life: 5 years, reporting every 5 minutes Battery level and low battery warning can be reported
Radio	Sensitivity: -98 dBm Output power: +8 dBm
Environment	IP class: IP20 Operation temperature 0 to +50°C / 32 - 122°F Relative humidity up to 95% non-condensing
Range	Minimum 100 meters / 109 yards (open field)

### Functions

Alarm	Siren output 85 dB/3m
Liquid detector	Default reporting every 5 minutes Immediate reporting in alarm mode
Temperature sensor	Range: 0 to +50°C / 32 - 122°F Resolution: 0.1°C / 0,18°F (accuracy Typ ±0.5°C / 1°F and Max ±2°C / 4°F) Sample time: config.: 2 s -65,000 s Reporting: configurable

### Communication

Wireless protocol	Zigbee Home Automation Zigbee end-device
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### Certifications

Conforming to CE, FCC, IC, ISED, RED and RoHS directives  
Zigbee Home Automation 1.2 certified