LEAKS DETECTION
LIQUIDS

Smart Building

Smart City

Smart Industry

Utilities

Outdoor

Indoor

Indoor + detecion cable

Presence of liquid detection

1 battery pack of Lithium 3,6V / 7,2Ah batteries

5 to 10 years of battery life

Outdoor : IP68 with deported antenna (4 meters)
Indoor : IP66

Plug & Play : <10 min of installation

Visual signal showing network quality and sensor correct connection

Setup via downlink or Bluetooth (BLE 4.2)

Redundancy of data and datalogging

Features

The ACW-WL helps prevent flooding in multiple locations such as boiler rooms, data centers, basements (heating networks), etc.
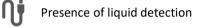
This sensor is equipped with a buzzer on the indoor version, which alerts in case of detection.

The antenna is integrated on the indoor version and deported on the outdoor version.
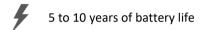
The detection and localization of the leak by cable is possible with the indoor box (specific cable: CAB-WL / CAB-WLL).
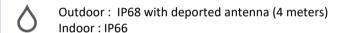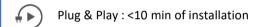
SMS or e-mail alerts in case of detection *.

*Available with a subscription to Atim Cloud Wireless™ web platform

References

Detection [IP66]	Technology
ACW/SF8-WL-I	Sigfox
ACW/LW8-WL-I	LoRaWAN
Detection [IP68]	
ACW/SF8-WL-O	Sigfox
ACW/LW8-WL-O	LoRaWAN
Detection + localisation [IP66]	
ACW/SF8-WLL-I	Sigfox
ACW/LW8-WLL-I	LoRaWAN

LEAKS DETECTION : USE CASES

REAL-TIME ALERTS TO PREVENT MATERIAL DAMAGE

- Watch for water leaks in data centers and avoid the risk of fires and floods

- Avoid downtime as well as the damage caused

- Watch for water leaks and the risk of flooding in underground heat networks

- Respond quickly in the event of an alert and shut off the water supply

- Reduce water consumption by preventing and repairing water leaks

- The Water Leak has been in operation on heating networks since 2012

- Detect liquid leaks in electrical transformer stations

- React quickly from the alert to avoid a power outage that would deprive a number of homes of electricity