FLOOD DECTECTION

Smart Building   Smart City   Smart Industry   Utilities

Presence of liquid detection

Plug & Play : <10 min of installation

2 batteries [7,2 Ah]

>5 years of autonomy with 3 flood detections per day

Radio range >15 kms

IP68 casing
Deported antenna (4m of cable)

Features

The ACW-WL allows to remotely prevent floods harsh consequences. The sensor detects when the level is critical and sends to the alert to the LPWAN networks.

Supplied with a ½ wave antenna with 4m cable, a keep alive frame is sent once a week.
LED display when radio transmission takes place.

By default, the device is set on 3 flood detection a day.

SMS or e-mail alerts when a threshold is exceeded *.

Compatible with Sigfox repeater (ACW-GW) and LoRaWAN (ACW-EXT, only on Orange network).

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

References

Part number	Technology
ACW/SF8-WL	Sigfox
ACW/LW8-WL	LoRaWAN

FLOOD DETECTION: USE CASES

REAL-TIME ALERTS TO PREVENT BREAKDOWNS OR MATERIAL DAMAGE

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

- Avoid downtimes 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