



ULTRASONIC DISTANCE

IoT sensor



CFG-APP



Features

The ACW/LVL is intended for remote monitoring of the levels of many types of containers, such as dumpsters, agricultural silos or even liquid tanks.

It facilitates the wireless reporting of a distance thanks to its powerful ultrasonic sensor.

The measurements are regularly transmitted on Sigfox or LoRaWAN networks and its configuration is configurable from the tools of the ATIM suite.

Compatible with the computer and mobile versions of the IoT web platform**, data visualization, remote parameterization of the sensor and the configuration of alerts according to predefined thresholds are made possible in a few clicks.



Range: 20 cm to 5 m
Precision: 1% of measurement



IP54 protection rating



Autonomy > 10 years*



Interchangeable batteries



Setup via USB, downlink or mobile app



Redundancy of data and datalogging modes



Visual signal showing network quality and sensor correct connection



Plug & Play

References

Part number	Technology	
ACW/LVL	Sigfox	LoRaWAN

* The autonomy of a product depends on several external factors (ambient temperature and humidity, transmission frequency, network quality, etc.).
Subject to environmental conditions

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

MONITOR THE FILLING LEVEL OF TANKS



Smart Building



Smart City



Smart Industry

- Monitor snow levels to prevent heavy snowfall.
- Identify the height of snow during heavy falls.
- React and take safety measures when levels are high or critical.



- Remotely monitor the filling rate of liquids, waste or grain containers.
- Collect measurement data from tanks installed in locations that are difficult for technicians to access.
- Organize filling.
- Optimize rounds and orders.

- Monitor the water level of a river.
- Identify rising water levels during heavy rains.
- React and take safety measures when you notice the level rising too quickly.

