

TEMPERATURE & HUMIDITY INDOOR & OUTDOOR



Smart Building



Smart City



Smart Industry



Outdoor



Indoor

Features

The ACW-TH monitors and transmits the indoor or outdoor temperature and humidity of all types of buildings (industrial, tertiary, hospital, etc.).

Data transmission at regular intervals configurable through the ACW configurator.

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

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



Range : -50°C / $+125^{\circ}\text{C}$
Precision : $\pm 0.3^{\circ}\text{C}$ between -10°C – 85°C



Range : 0% RH / 100% RH
Precision : $\pm 3\%$ RH between 0 – 80 % RH



Plug & Play : <10 min of installation



2 interchangeable batteries [7,2 Ah]



>5 years of autonomy with 1 uplink per hour



Radio range >15 kms



ACW-TH-I : indoor, IP30
ACW-TH-O : outdoor, IP66



GPS embedded version available in LoRaWAN (temperature monitoring exclusively)

References

Indoor version	Outdoor version	Technology
ACW/SF8-TH-I	ACW/SF8-TH-O	Sigfox
ACW/LW8-TH-I	ACW/LW8-TH-O	LoRaWAN

GPS option	GPS option	
ACW/LW8-TI-G	ACW/LW8-TO-G	LoRaWAN

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

TEMPERATURE & HUMIDITY : USE CASES

OPTIMIZE AND CONTROL PERFORMANCE

ENERGY EFFICIENCY OF BUILDINGS AND THE COMFORT OF THEIR USERS

- Monitoring of the ambient temperature and humidity of a public building.
- Comply with the law on energy transition which recommends an ambient temperature of 19 ° C in tertiary buildings and 22 ° C in hospitals.
- Limit periods of overheating
- Rapid ROI thanks to energy savings
- ATIM works with the largest energy suppliers



- Guarantee the comfort and satisfaction of your clients
- Ensure optimum temperature in all rooms
- Control the building's energy budget
- ATIM sensors are installed in many hotels in France and abroad

- Monitor the temperature inside a work site electrical cabinet
- Prevent the potential risk of fire due to an electrical overload or too high temperature
- Locate your electrical cabinets on different sites and ease inventories thanks to the GPS version
- ATIM equips thousands of construction sites for a major player in the construction industry

