






# TEMPERATURE - HUMIDITY


IoT sensor





 Range : -50°C to +125°C  
Precision : +/- 0.3°C between -10°C to 85°C


 Range : 0% RH to 100% RH  
Precision : +/- 3% RH between 0 to 80 % RH


 IP30 protection rating -I versions  
IP66 protection rating -O versions

 1 temperature and humidity measurement/hour  
Sigfox 5+ years\*  
LoRaWAN 12+ years\*

 Interchangeable batteries

 Setup via USB, downlink

 Plug & Play

 GPS option in LoRaWAN  
(only temperature monitoring)

## Features

The TH facilitates the monitoring of comfort and energy efficiency indicators in your rooms and buildings thanks to its temperature and humidity sensors.

Measurements are regularly transmitted to a local gateway or via the [Sigfox](#) or [LoRaWAN](#) networks. The configuration is done from the tools of the ATIM suite.

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

## References

Part number	Technology	
ACW/TH-I	Sigfox	LoRaWAN
ACW/TH-O	Sigfox	LoRaWAN
ACW/TH-G	LoRaWAN + GPS	
ACW/TO-G	LoRaWAN + GPS	

\* Subjected to the environment conditions

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

# OPTIMIZE AND CONTROL ENERGY PERFORMANCE



Smart Building



Smart City



Smart Industry

- 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.

