

ANALOG DEPORTED TEMPERATURE MEASUREMENT



Smart Building



Smart City



Smart Industry



1 probe version



2 probes version

Features

The ACW-TMxP monitors and transmits one or two remote temperature (s).

The sensor is available with 0,1 or 2 external PT100/PT1000 analog probes.

Data transmission at regular intervals configurable as required 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 : $-325^{\circ}\text{C} / +325^{\circ}\text{C}$
Precision : $\pm 0,15^{\circ}\text{C}$ between $-25^{\circ}\text{C} / +70^{\circ}\text{C}$



Plug & Play : <10 min of installation



4 interchangeable batteries [14,4 Ah]



>9 years of autonomy with 1 uplink per hour



Radio range >15 kms



IP65 casing



Redundancy of data and datalogging



Setup via downlink or Bluetooth (BLE 4.2)



Visual signal showing network quality and sensor correct connection

References

1 PT100 probe	2 PT100 probes	Technology
ACW/SF8-TM1P	ACW/SF8-TM2P	Sigfox
ACW/LW8-TM1P	ACW/LW8-TM2P	LoRaWAN

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

DEPORTED TEMPERATURE MONITORING : USE CASES

COMPLY WITH SANITARY STANDARDS, REDUCE THE ENERGY BILL THANKS TO ALERTS WHEN THRESHOLDS ARE EXCEEDED

- Monitor the temperature at the inlet to the outlet of the domestic water network
- Comply with legislation requiring regular monitoring of the water temperature, which must be between 55 ° C and 60 ° C in all public buildings
- Limit the legionella risk



- Guarantee compliance with the cold chain and hygiene rules
- Control the temperature of your cold rooms, refrigerated banks, refrigerated trucks
- Keep the data transmitted in the event of an inspection
- Control and avoid any health risk

- Monitor the water temperature at the outlet of the network
- Avoid overheating the water, it is advisable not to heat above 60 ° C to avoid the risk of severe burns
- Reduce the energy bill by maintaining an optimal and constant temperature

