ACW PRODUCT LINE

TEMPERATURE MEASUREMENT
DEPORTED PROBE

Smart Building

Smart City

Smart Industry

1 probe version

2 probes version

Range : -55°C / +125°C for TMxD
-196°C / +150°C for TMxP-CRYO

Precision : +/- 0.5°C with TMxD between -10°C / +85°C
+/- 0,15°C with TMxP between -25°C / +70°C

Plug & Play : <10 min of installation

4 interchangeable batteries

1 or 2 temperature measurements per hour
Sigfox > 7 years
LoRa > 14 years

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

Features

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

The sensor is available with 0,1 or 2 external digital or 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).

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

References

1 digital probe	2 digital probes	Technology
ACW/SF8-TM1D	ACW/SF8-TM2D	Sigfox
ACW/LW8-TM1D	ACW/LW8-TM2D	LoRaWAN
1 PT1000 probe	**2 PT1000 probes**	
ACW/SF8-TM1P	ACW/SF8-TM2P	Sigfox
ACW/LW8-TM1P	ACW/LW8-TM2P	LoRaWAN
1 CRYO probe	**2 CRYO probes**	
ACW/SF8-TM1P-CRYO	ACW/SF8-TM2P-CRYO	Sigfox
ACW/LW8-TM1P-CRYO	ACW/LW8-TM2P-CRYO	LoRaWAN

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