

Analog deported temperature probes (PT100/PT1000)

ACW-TMxP



The ACW-TMxP gets by radio the values of one or two remote temperature probes PT100 or PT1000. Data transmission takes place at regular intervals which can be configured as required.

This product adapts perfectly to a use in the field of public services & industry 4.0; boiler and food systems.

This sensor is available in version 0, 1 or 2 analog PT1000 temperature probes.



MEASURE

Remote temperature measurement at one or two separate points



MONITORE

Easy monitoring and exploitation of data thanks to our web platform



ALERT

Alerts setup
SMS and emails from our Atim Cloud Wireless platform



Industry 4.0 : Compliance with health and safety standards



The food industry imposes strict regulations on the health risks of foodstuffs. These regulations require professionals to regularly monitor the temperatures of their cold rooms. The temperatures must be controlled in order to guarantee optimum storage conditions, but must also be recorded and kept during hygiene checks.

Technical features

Dimensions / Weight	177 x 55 x 55 mm / 210gr (1 probe) 280gr (2 probes)	
Antenna	Integrated(1/4 wave) 2dBi	
Probe type	Contact probe PT100 our1000	
Storage T°	-40°C / +85°C	
Operating T°	-25°C / +70°C	
Mounts to	DIN-rail, Wall, Mast	
Casing	IP65, anti-vandal	
Power supply	2 packs de 2 piles lithium soit 14,4Ah	
Frequency	865—870 MHz	
Power	25mW (14dBm)	
Rate	Sigfox : 100bps / 600bps LoRaWAN : 300 bit/s / 10Kbits/s	
Consumption	Sigfox	LoRaWAN
Tx mode	25mA	60mA
Standby mode	7µA	6µA
Rx mode	18mA	25mA

- >5 years of battery life
- Shipped in deep sleep mode (magnet or pushbutton wake up)
- Battery level indicator
- >15km of range
- Resolution : 0.01°C
- Configuration by USB,
Downlink or Bluetooth (BLE 4.2)
- Compatible with Sigfox repeater (ACW-GW) and LoRaWAN (ACW-EXT, exclusively on Orange network)
- Visual or audible signal indicating network connection and radio quality
- 2 years of Warranty
- Datalogging and data redundancy