




Network

-  Sigfox™
-  LoRaWan®
-  Local Modbus






Performances

-  Range : up to 15km

Autonomy

-  5 years with 3 Tx/day
-  Two AA Lithium batteries
-  Battery level indicator

Divers

-  USB Configuration
-  SMS and Emails alerts
-  Web platform
-  Validation button
-  Waterproof IP65 box



The ACW-TM allows you to send **temperature** information collected with a **PT100** sensor. This transmission is done on regular basis and by **threshold alert**, in case of a problem, an email or an sms alert will be sent.

This temperature sensor exists in different versions intended to work on the new LPWAN networks dedicated to the IoT: Sigfox, LoRaWan or local Modbus radio. Ideal to supervise your equipment's on the web, It is perfectly adapted to an urban environment and to be used inside buildings.



Technical features

Dimensions	160 x 53 x 53 mm		
Antenna	Integrated (¼ wave)		
Temperature	-20°C to +55°C (functioning mode) -40°C to +70°C (storage mode)		
Mounting	wall, tube, DIN-Rail		
Box	IP 65		
Power supply	2x AA Lithium batteries		
Weight	100 g		
Frequency	865 – 870 MHz		
Power	25 mW (14 dBm)		
Speed	Local : 1.2 to 115 Kbit/s Sigfox : 100 bps LoRaWan : 300 bit/s to 10 Kbit/s		
Consumption	Local :	Sigfox :	LoRaWan :
Tx mode	60 mA	60 mA	50 mA
Sleep mode	4 µA	4 µA	0,6 µA
Rx mode	35 mA	35 mA	18 mA
SNIFF mode	300 µA		

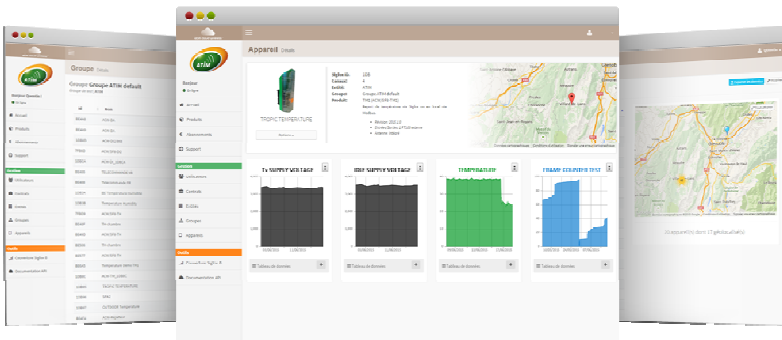
References

1 PT100 input :

- ACW/SF8-TM
Sigfox and local
- ACW/LR8-TM
LoRaWan and local
- ACW/868-TM
Local only

Available with the ACW platform or the modem on its own.











Atim Cloud Wireless™ Platform



Control all your atim devices using Sigfox and LoRa on the same secured Web platform !

Manage and Operate your IoT sensors data very easily!

Thanks to the new LPWAN network device remote management is simple and accesible to anyone.

-  Managing the products by groups
-  Find all your data in real time on a graphic/control panel
-  Signal quality
-  Personalization of the graphics and information channels
-  SMS Alerts
-  Export your data (by product or by group)
-  Email Alerts
-  Geo-tracking of your products
-  Secured API
-  Radio coverage tool



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