WATER – ELECTRIC – GAZ
REMOTE CONSUMPTION MONITORING

Smart Building

Smart City

Smart Industry

Utilities

4 inputs to be setup in index metering or dry contacts

Plug & Play : <10 min of installation

4 interchangeable batteries

Up to 4 consumption measurements per hour
Sigfox > 2 years
LoRa > 7 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-MR4 monitors and transmits the status of 4 dry contacts or meters' index consumption (open collector type, NPN / PNP and dry contact).

Transmit the metering index of a water, gas or electricity meter to LoRa or Sigfox.

SMS or e-mail alerts when a threshold is exceeded *.

Compatible with Sigfox repeater (ACW-GW) and LoRaWAN (ACW-EXT, only on Orange network).

ATEX zone 2 version available (ACW-MR2-EX) Reduced features, contact us.

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

References

Part number	Technology
ACW/SF8-MR4	Sigfox
ACW/LW8-MR4	LoRaWAN

CAPT-DOCK

CAPT-MECA

Options

Mechanical head	Optical head	Opening /closing
CAPT-MECA	CAPT-OPT2	CAPT-DOCK

CAPT-OPT2

REMOTE MONITORING : USE CASES

ENERGY AND SECURITY MANAGEMENT WITHIN A BUILDING

- Monitor the consumption index of your electricity or water meters in real time

- Analyse data and detect peaks in consumption

- Identify the most energy-intensive workstations or sectors and develop an appropriate action plan to reduce consumption

- Identify water leaks with an alert in the event of abnormal consumption

- Monitor the consumption index of your gas meters in real time

- Quickly identify a gas leak in the event of unusual consumption

- React quickly to avoid the risks associated with this leak

- Connect the opening and closing system of a secured door to monitor a limited access site such as a warehouse

- Detect an intrusion or an opening outside of common time slots