

WATER – ELECTRIC – GAZ

REMOTE CONSUMPTION MONITORING



Smart Building



Smart City



Smart Industry



Utilities



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.



4 inputs to be setup in index metering or dry contacts



Plug & Play : <10 min of installation



4 interchangeable batteries [14,4 Ah]



>10 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

Part number	Technology
ACW/SF8-MR4	Sigfox
ACW/LW8-MR4	LoRaWAN
ACW/868-MR4	Local

Options

Mechanical head	Optical head	Opening /closing
CAPT-MECA	CAPT-OPT2	CAPT-ILS1



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

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

