



# SMART METERING

IoT sensor



CFG-APP



## Features









The MR4 facilitates the remote reading of meters with pulse output and also the reporting of dry contact status.

Each channel can be configured alternatively as a count or as a Boolean state of the corresponding input.

The information collected is transmitted regularly via the Sigfox or LoRaWAN networks or locally by installing one or more gateways on site.

Compatible with the computer and mobile versions of the ATIM Cloud Wireless web platform, the visualization of data, the remote parameterization of the sensor and the configuration of alerts according to predefined thresholds are made possible in a few clicks.

An ATEX zone 2 version is available with 2 inputs.

-  4 inputs to be setup in index metering or 30 Vmax dry contacts
-  IP65 protection rating
-  Up to 4 consumption measurements/hour  
Sigfox 2+ years\*  
LoRaWAN 7+ years\*
-  Interchangeable batteries
-  Setup via USB, downlink or mobile app
-  Redundancy of data and datalogging modes
-  Visual signal showing network quality and sensor correct connection
-  Plug & Play

## References

Part number	Technology	
ACW/MR4	Sigfox	LoRaWAN
ACW/MR2-EX	Sigfox	LoRaWAN

## Options

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

\* Subjected to the environment conditions

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

# ENERGY AND SECURITY MANAGEMENT WITHIN A BUILDING



Smart Building



Smart City

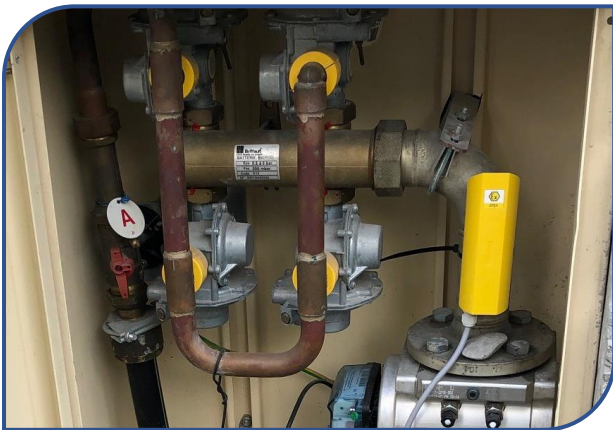


Smart Industry



Utilities

- 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.

