

# MODBUS MASTER GATEWAY



Utilities



Smart Industry



Reading and writing of up to 49 Modbus registers



RS485 connection



LoRaWAN class C



10-30 Vdc external power supply



Setup via USB or downlink

## Features

The ACW-DINRSM interrogates up to 49 modbus registers from slaves PLCs and sends its answers to LoRa or Sigfox.

The devices act as a Master reading and writing into the Slaves to monitor or request on demand specific registers.

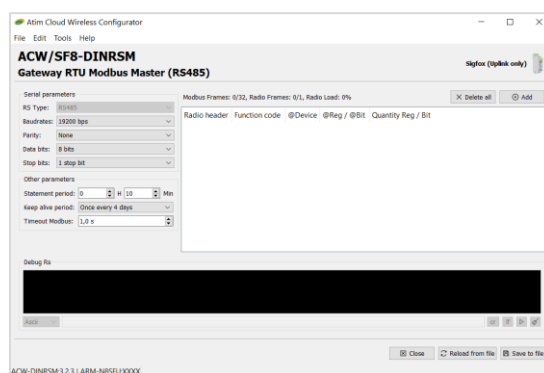
When connected in serial link ,up to 49 PLCs can be controlled by 1x ACW-DINRSM.

Data frequency of transmission, registers and slaves' requests setup are to be made on the ACW configurator.

SMS or e-mail alerts can be set\*.

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

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



## References

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

# INTERROGATE MODBUS SLAVE REGISTERS: USE CASES

## SUPERVISE YOUR EQUIPMENT AND PLCs

- Interrogate isolated sensors such as soil sensors (temperature, humidity, pH, etc.)
- Consult the sensor information on the internet and analyze the data
- Adapt your crop management (irrigation, control of a solenoid valve)



- Consult the data related to your meter (voltage, current, active power, reactive power)
- Regularly read data from remote sub-meters

## USAGE PATTERN: SERIAL LINK DATA TRANSMISSION TO THE NETWORK

