RMG
IoT GATEWAY

The RMG is an extremely low power brand independent datalogger and IoT gateway in one!

- Completely conceived, developed and produced in Belgium, this ensures a fast and reliable service.
- Uses the latest high end IoT technology.
- Data transmission via NB-IoT or LTE-M.
- Modular: different RMG's can be interconnected, this means you can integrate a very high number of sensors.
- Connecting the RMG to the clients own ethernet network is also possible.
- Even better: using both transmission modes is a redundant and safe way of working!

Specification

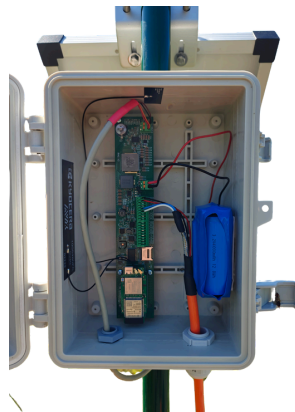|	
Sensor Input Protocol	Modbus, RS232, analog, SDI12, etc.
Possible Output Formats	MQTT, HTTPS, FTPs, e-mail… New Flemish standard LDES can be integrated
Onboard Processing	Capability for enriching sensor data with GNSS, averaging data, etc.
Onboard Sensors	Temperature, barometer, accelerometer
Power Supply	Small solar panel, windmill and/or rechargeable battery pack (8-28VDC) with Power Regulation Module - MPPT (Max Power Point Tracking)
Connection	Local connection via WIFI Realtime bi-directional control via Rovin's IoT platform
Status Indicator	Easy-to-understand LED for indicating correct operation

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Different models

Enclosed in a fully waterproof housing, rated for depths up to 100m, optionally with a separate battery pack, featuring status LED and an Over Pressure port.

Housed in an IP65 enclosure, equipped with a solar panel and an internal rechargeable battery.

Easily integrated into your setup a DIN rail module