RAMAC™ RD1
Level Sensor

The RAMAC™ Level Sensor uses proven technology to measure any liquids or fine solids accurately. Currently deployed in water tanks, the level sensor is also an excellent solution for monitoring dry bulk levels. Tank size, alerts and location are configured on installation using the RAMAC™ Mobile Application. Pre-configured level specific events and warnings will be sent to the RAMAC™ Portal in real-time to be viewed by the client.

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sigfox ready

sigfox verified

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G-Matrix Systems
Integrated System Design

Your Full IoT
Turnkey Solution Partner
Hardware development, prototyping, firmware development, database design, testing integration and web integration.

DATA SHEET

CONNECTIVITY

Bluetooth Low Energy
SigFox RCZ1 - Class 0
LoRaWAN Capable

SPECIFICATIONS

Measurement range up to 8m
SigFox Certified
ICASA Approved
Rugged Housing
Estimated battery life +5 years
Operating Temperature: -10°C to +60°C

SIMPLE INSTALL - PLUG & PLAY

RAMAC™ Portal is a ready to use online
web-based Portal.
RAMAC™ App allows local device
configuration, OTA Firmware updates,
diagnostics and real-time information of
the device.
RAMAC™ API allows for easy integration
into 3rd party systems.

WHY CHOOSE US?

Benefits Include

- Periodic update events can be configured.
- Small form factor.
- Quick and simple install.
- Long battery life.
- Resilient to jamming.
- Long range low power communication with national network coverage.

WHY CHOOSE US?

More Benefits

- Simple setup and configuration using the RAMAC™ Mobile Application.
- Daily self-diagnoses via heartbeat message.
- Periodic water level and temperature updates.
- Warning alerts - battery status, critical events and delta flow.
- Waterproof IP68 enclosure.
- Use Cases: Water & sanitation, manufacturing plants, mining, automotive, agriculture, building & construction, oil & fuel monitoring, leak detection etc.