



Industrial IoT Connectivity & Controls

ReignGauge Datasheet

Technical Documentation

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DCon — an RMC brand. This document is being rebranded; technical content remains current.



ReignGauge™ Tank Monitoring System



Technical Specifications

Installation

- Battery-Operated Tank Monitor Screws Directly Into the NPT Fitting on the Top of the Tank
- Installs on Existing or New Tanks
- Device Activation with a Swipe of a Magnet

Communication

- Cellular (ATT, T-Mobile)

Data Protocols

- Proprietary Protocol Optimized for Low Data Usage
- Data Feeds Available (Modbus, MQTT, etc.)

Tailored Alert and Notification System

- Level Alerts Unlimited – Choose the Levels for the Alerts and Who is Notified (Requires ReignCloud Subscription)
- Text, Email and Voice Alerts Available

Tank Setup

- Highly Configurable Tank Settings
- Height, Capacity, Specific Gravity, Contents, Transmission Frequency are Collected and Our Expert Staff Prepares the Initial Configuration

Battery

- Lithium Thionyl Chloride Battery Pack 3.6 VDC - 19 Ah
- Approximately 5,000 to 7,500 Transmissions
- Number of Transmission are Directly Impacted by (Frequency, Temperatures Below 40°F, and Cellular Signal Strength)
- Operating temperature range -40° F to 185° F

Dashboard

- Customized Dashboard and Report Tools
- Setup Alerts and Alarms based on required levels and staff

