LIFT STATION MONITORING

POSSIBILITIES WITH SCADADROID®

- 8 digital inputs to monitor pump run/fault status, level switches or other discrete variables

- 2 analog inputs to monitor level or other 4—20 mA inputs

- 1 second time accumulators on digital inputs allow for collecting pump runtime data

- Counters on digital inputs allow for collecting pump start data

- Use **SCADADroid®'s** powerful alarm dialer capability with optional voice and/or connect to a SCADA system as a Modbus TCP/IP device

TAKE CONTROL

- MQTT publisher function can alert users to process changes in level, flow, runtime, starts and more… right on your mobile device

- MQTT subscribe function allows users to change values such as setpoints remotely

- **SCADADroid®'s** reporting function lets you receive data files by email of the previous day's activity including pump runtimes, pump starts, and level reading. Resolution for reporting is 1 minute intervals

- Use the optional Modbus to connect to PLCs, VFDs, analyzers or other Modbus enabled devices

The changes in functionality with the **SCADADroid® R2+** make it an ideal candidate for circular or rectangular wet well lift station monitoring. As a stand-alone alarm dialer, it can be utilized to monitor pump statuses, pump faults, high level switches and levels. For applications with existing SCADA systems, the **SCADADroid® R2+** can be supplementary as a low cost monitoring device. The integral cellular modem makes it very cost effective for mini-lift 2 pump stations with the capability to integrate into large multi-pump stations where it can not only act as an on-site alarm dialer, but provide a backup communications path to SCADA systems utilizing licensed or spread spectrum radios for primary communications.

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