DYNOTEK
FLUID DATA MANAGEMENT

DATA MANAGER 1100C

Cellular (IOT) Telemetry System

PRODUCT FEATURES

- Rugged, reliable, easy to install
- Customizable multiple input/output configurations
- Site location from integrated GPS communication using LTE CAT-M cellular data service
- Computer and mobile device access to data download/ monitoring and alarming services

The DATA MANAGER 1100C comes complete with an "In the Cloud" interface to monitor, trend, download logs, and obtain alarms either by text or email message. In addition, the Cloud platform provides for remote configuration and trouble-shooting of the device and its attached sensor(s). It is also possible to turn on/off the relay output from the Cloud interface to remotely control pumps, motors and valves.

Coupled with a Dynotek Slimline transducer or the sensor(s) of choice, the system provides a very cost-effective telemetry solution for remote ground and surface water reservoir, tank and other fluid monitoring.

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PRODUCT SPECIFICATIONS

Operating Temp:
-40 to +185°F (-40 to 85°C)

Input Power:
- Four (r) 3.6Vdc D size Lithium Thionyl Chloride batteries
- Optional solar power

Input/Output:
- 1 Relay Output (2A X 30Vdc; 0.3A @ 110Vac; 0.5A @ 125Vac).
- 2 Digital Inputs, unpowered, dry contact, report state, total counts, and frequency (2kHz max)
- Analog Input (1-5Vdc 0r 4-20mA) and 2 digital input.
  Optional upgrade to 3 analog and 3 digital inputs.

Battery Life: Up to 5 years

Data Interface: LTE CAT M1 MQTT w/ SparkPlug B

Antenna Type: LTE w/ Internal GPS. Option for external antenna

Enclosure: Industrial polycarbonate UV Rated, IP64

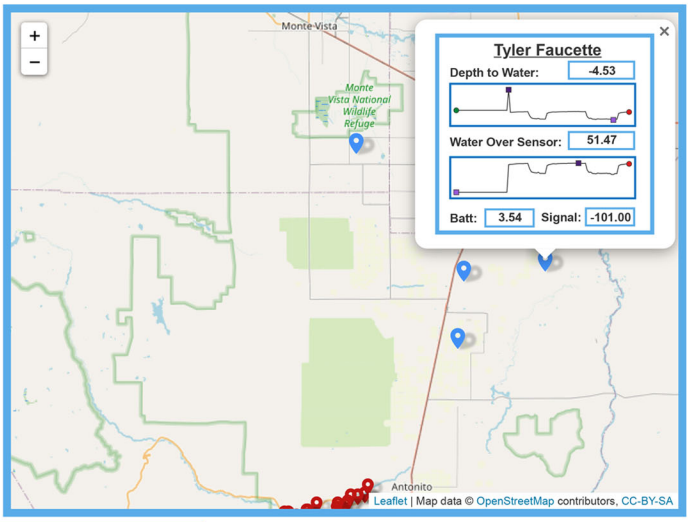
Safety Rating: Class 1, Div. 2 (Future)

Local Micro-USB Configuration Port

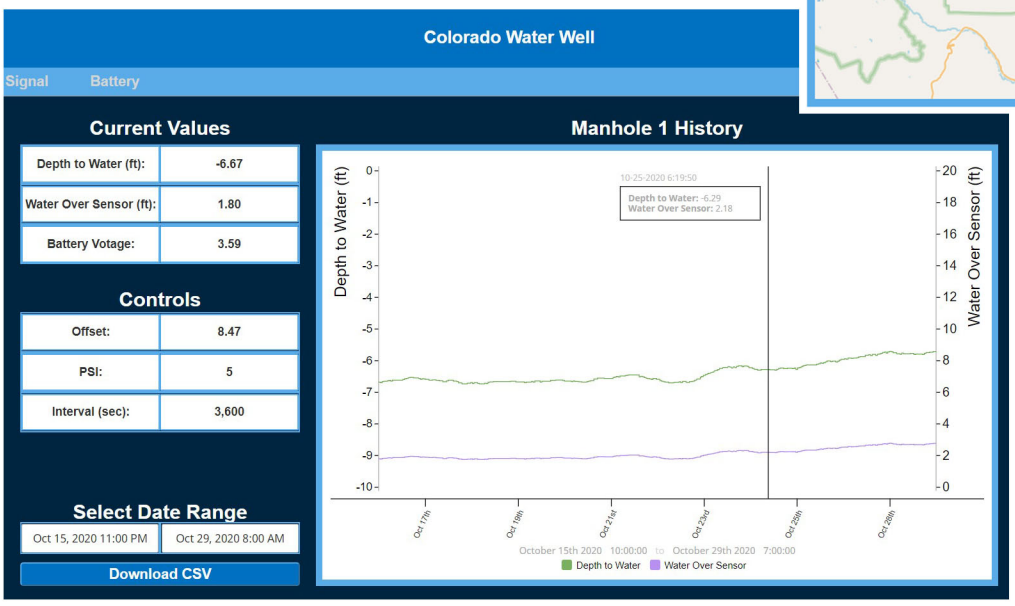
CLOUD SERVICES SPECIFICATIONS

- Two-way setup
- Data download
- Custom alarming
- Site-sensor data
- Power status
- Connectivity status
- Graphing

GPS SITE LOCATION



TYPICAL WATER WELL OUTPUT



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