Own your Assets

Utilizing the extremely efficient CatM1 cellular network or local WiFi, the F100M transmits asset data directly to the LeveLCon secure cloud. Check reported levels directly from your phone, tablet, or PC. Easy to configure email, voice or text alerts for low levels and/or fill events.

Typical Applications

- Product level monitoring including fuels, water, lubricants, chemicals, gases, solids
- Residential or Industrial Propane level monitoring
- Frac Tank monitoring
- Backup generator fuel levels

Installation

The F100M is compatible with nearly any sensor on the market. We pair the contents of your tanks to the proper sensor for a perfect match.

3 Step Installation:

1. Place the F100M anywhere on the tank via 4x Neodymium magnetic feet
2. Install the sensor into a 2” NPT port on the top of the tank and connect the weather proof Chogori connector to the F100.
3. Press the power button on the lid of the monitor to initiate a successful transmission.

Specifications

- 1 Analog Input & 1 Digital Grounding Input- Alarm Capable. Intrinsically safe: Class I Div 1 Group D Certified
- Multi-sensor RS485 deployment /UART Modbus, I2C
- Verizon, AT&T, CatM1 LTE
- 802.11g WiFi
- GPS enabled for mobile asset tracking
- Integrated temperature and barometric pressure sensor
- 24/7 access to data on LevelCon Cloud or local SCADA
- 3x AA battery with optional solar power assistance
Easy Deployment and Maintenance

The F100 is designed for simple installation on a single tank, as part of a bulk facility network, or used as a multi-tank monitor with RS485 Modbus sensors. The IP67 enclosure eliminates any concern regarding water or other weather intrusion, and the built-in LCD allows for easy operation and local control. Its small size and neodymium magnets allow the device to be mounted securely to anywhere on the tank.

The solar power augmentation allows for 10 years of maintenance free deployment with a back up battery reserve from 3x off-the-shelf AA Energizer Ultimate Lithium batteries. The F100 operates globally at temperatures between -40°C > 70°C.

Sample Customer Views