

Own your Assets



Utilizing the 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



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  Iridium Everywhere
- 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

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.

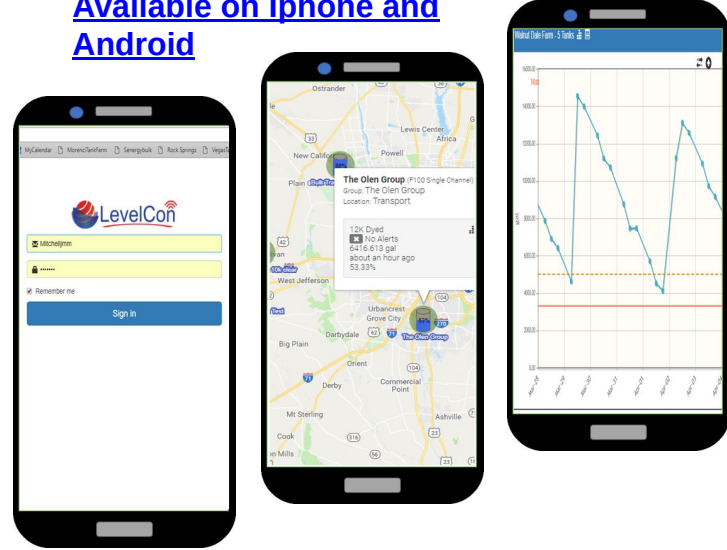


Easy Deployment and Maintenance

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 **-40C > 70C**.

Available on Iphone and Android



Sample Customer Views

| Dashboard | | | | | | | | | | |
|------------------------------------|---------------|--------------------|-----------------|---------|------------|----------------------|---------------|-----------|--|--|
| Channel | Location | Value | Percentage Full | Metric | Base Value | Date | Age | Status | | |
| Group: Frac Fuel Tanks | | | | | | | | | | |
| Location: No Location | | | | | | | | | | |
| WTXXTO1 - T200/300 Location | No Location | 31.98609,-102.0888 | n/a | lat,lng | | 9/6/2017, 9:02:09 AM | 6 minutes | No Alerts | | |
| WTXXTO1 - Tank Level | No Location | 855.027 | 4.08% | gal | 4.246 | 9/6/2017, 9:02:09 AM | 6 minutes | No Alerts | | |
| Group: Lube Tank Operations | | | | | | | | | | |
| Location: OKC Lube Yard | | | | | | | | | | |
| Lube 0184 Tank 3 - AW32 | OKC Lube Yard | 4122.154 | 44.09% | gal | 61.021 | 9/6/2017, 6:02:57 AM | about 3 hours | OK | | |
| Lube 0184 Tank 4 - AW46 | OKC Lube Yard | 2669.398 | 28.28% | gal | 25.742 | 9/6/2017, 6:02:57 AM | about 3 hours | OK | | |
| Lube 1400 Tank 2 - 85W140 | OKC Lube Yard | 2829.221 | 30.26% | gal | 45.199 | 9/6/2017, 6:02:40 AM | about 3 hours | OK | | |
| Lube 1400- Tank 1 - 15W40 | OKC Lube Yard | 1810.049 | 19.17% | gal | 16.825 | 9/6/2017, 6:02:40 AM | about 3 hours | LOW | | |

