

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

Compatible with nearly any sensor on the market, we match the contents of your tanks to the proper sensor. The F100 ensures compatibility and performance.

Just 3 steps to install:

1. Place the F100 on the tank using the included magnet mounts.
2. Install the sensor to a 2" NPT port on the top of the tank and connect the watertight Chogori connector to the F100.
3. Place the supplied magnet on magnet icon to initiate a report, to activate the config page, or to put the unit asleep.

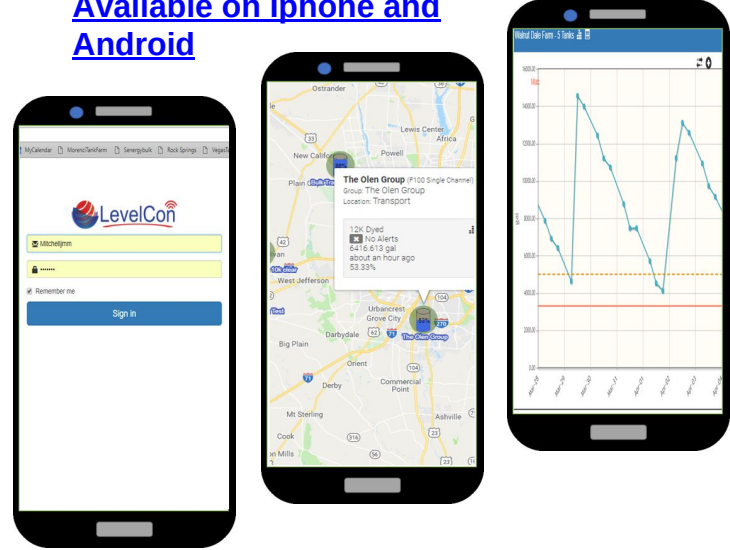


Easy Deployment and Maintenance

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. It's small size and neodymium magnets allow the device to be mounted securely to about anywhere on the tank.

This is a no maintenance powered up unit with a 5 year battery life from 3x off-the-shelf **AA Energizer Ultimate Lithium** batteries. The F100 operates globally at temperatures between **-20C > 65C**.

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		

