

Own your Assets









Equipped with an M1-LTE/NB-IoT module, multi-carrier sim and with optional Globalstar satellite fallback, the newly redesigned F100MX is the most unique and powerful remote monitor on the market. Paired with the LevelCon app and cloud portal, access levels directly from any smart device, and enjoy easily configured email and text notifications for level changes and 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
-  Cat-M1LTE/NB-IoT. Multi-carrier Sim: Verizon, At&t, Sprint & T-Mobile. Global compatibility Option.
-  **Globalstar** Optional cellular communication with satellite fallback.
-  GPS enabled for mobile asset  Integrated temperature & 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 weatherproof Chogori connector to the F100.
3. Press the power button on the lid of the monitor to initiate a successful transmission.

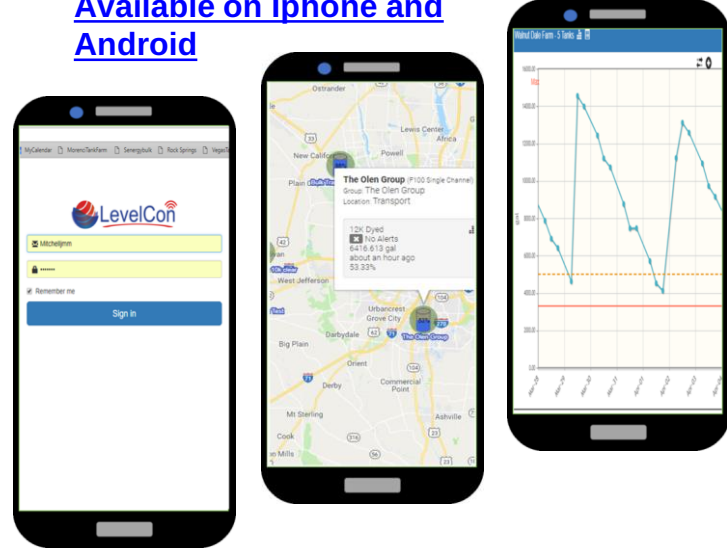


Easy Deployment and Maintenance

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		

