

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, fertilizers, animal feeds etc...
- 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, RS232, UART Modbus, I2C
- ISM Support enabled device
- LTE CAT-M1 or NB-IoT. Global Multi-carrier SIM or customized carrier selection using eSIM platform
- Globalstar Optional satellite fallback.
- GPS enabled for mobile asset tracking
- Integrated temperature & barometric pressure sensor
- 24/7 access to data on LevelCon Cloud or local SCADA. Free Push API Service
- Solar Powered with 4xAA battery backup
3+ years battery life with sun, 7+ years with sun exposure



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 on the tank via 4x Neodymium magnetic feet. Preferably in a location exposed to good sunlight
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.

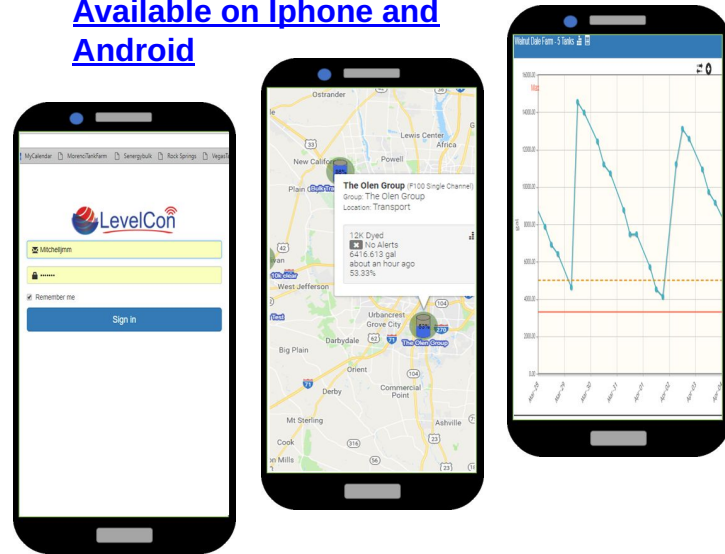


Easy Deployment and Maintenance

The F100 is designed for simple installation with RS485 Modbus or Bluetooth sensors (such as the WP01V or R3 offerings). 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 augmentation allows for 7+ years of maintenance free deployment with a back up battery reserve from 4x 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

CHEMOIL

	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

