![LevelCon logo]

F100M Remote Monitor
Advanced Wireless Telemetry Device

Total Asset Management Component

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/NBIoT. Multi-carrier Sim: Verizon, At&t, Sprint & T-Mobile.   Global compatibility Option.

- Globalstar — Optional cellular communication with satellite fallback.

- GPS enabled for mobile asset tracking

- 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.
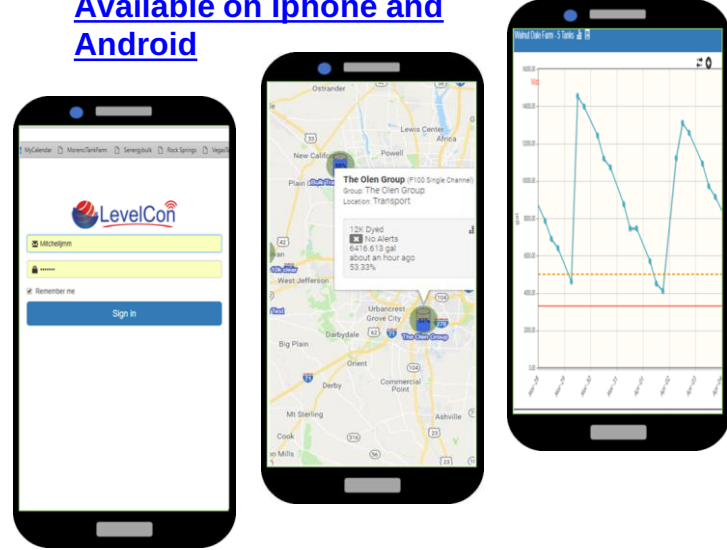
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Easy Deployment and Maintenance

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

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

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