



Monitor Tank Levels Remotely

-  Remove manual gauging from your daily operations
-  Automate level readings up to 4 times a day
-  Get low-level alerts before you run dry

Automated tank gauging: view levels online, set alerts and give your fuel supplier visibility to manage deliveries.



Simple to Install. Easy to Monitor.

Wireless SmartDip is a standalone, solar and battery-powered tank monitor for sites where running power and communications cables is difficult or uneconomical. It installs into an existing 2" tank port and sends scheduled level readings over 4G to the FMT Web Portal.

Battery and Solar Powered

Internal battery and solar charging support off-grid operation without trenching or trenching power.

Built-In 4G and GPS

Tank readings, locations and alerts are available remotely through the FMT Web Portal.

Stainless-Steel Sensor

Whether it's diesel, DEF or water, the stainless-steel sensor is designed to resist corrosion.

Configurable Readings

Schedule one to four dips per day to suit tank usage, delivery cycles and site requirements.

Remote Tanks and VMI

Vendor Managed Inventory allows fuel suppliers to monitor mobile and unmanned tanks, so customer deliveries can be scheduled. API access is available for integrated tank data.



All Your Tank Data in One Dashboard

Usage and Forecasting

View tank information such as current levels, days to empty, ullage and delivery details, to keep your fuel supplies under control.

Usage Details			
Completed Deliveries		1	
Last Delivery Date		06.08.2025	
Last Delivery Volume		5,000 gal	
Days Until Low Alarm		8 Days	
Average Usage		1,000 gal	
Set Volume Alarms	Low Alarm	High Alarm	
	1,000 gal	9,500 gal	

Set Alerts

Get automated email alerts for low, high, and offline tank levels, plus scheduled summaries, so you always know before fuel becomes a problem.

Add Alert		✕	
Tank	Houston Diesel	▼	
Low Alarm (%)	5		
High Alarm (%)	95		
Offline Alarm	240		
Cancel		Add Alert	

Extend your Wireless SmartDip with Optional Extras

The optional external button lets operators request a fresh reading without climbing the tank. Press it to wake Wireless SmartDip, then scan the QR code to view the level. External power removes battery replacement where power is available, and an external antenna suits installs underground or under hatches

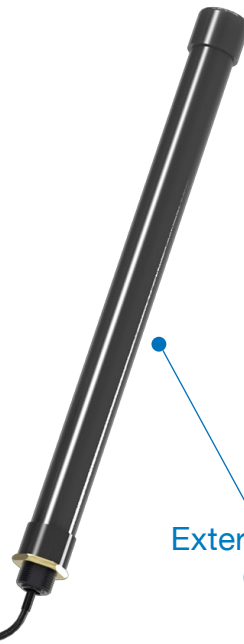
External Button
(Optional)



External Power
(Optional)



External Antenna
(Optional)



Get a Live Reading Without Climbing the Tank

Ideal for tall tanks, on-demand readings and supplier readings prior to delivering fuel.

1. Press the External Button

The button forces the unit to perform a live tank dip on request.

2. Scan the QR Code

View the current level by scanning the QR code.

3. View Tank Levels

Anyone can view the tank level without the cost and maintenance of an external screen.

Scan QR Code to See it in Action

View tank levels, historical trends and automatic alerts from any phone or desktop. Fuel suppliers can also monitor customer tanks in one place for vendor-managed inventory.



Specifications

Size	Height: 3.03 in	Width: 5.55 in (including lid) Body width: 4.21 in
Accuracy	0.25% FS (Max) 0.5% FS (Typical)	
Operating Temperature	Electronics: -13°F to +158°F; Battery: -4°F to +140°F	
Battery Life	Up to 5 years (based on one dip per day)	
Recommended Fuel Types	Diesel, DEF (AdBlue) and other non-hazardous liquids (water, oil)	
Tank Height	up to 394 inches	
Cable	Polyethylene Ventilated Cable, cable is 4 in longer than height	
Tank Thread Size	2" NPT	
Dips per Day	1 - 4 (Configurable)	
View data	FMT Web Portal, Mobile phone via QR code	
Alerts	Via Email; Offline, Low, High & Scheduled Summary	
Cellular Connectivity	LTE-M (Cat M1)	
Positioning	GPS	
WSD External Power	4.2–6.2 V DC	

Comparison Table

Feature	SmartDip	Wireless SmartDip
Data Update Frequency	Real-time	1-4 dips per day
Number of Tanks per Unit	Up to 8 tanks	1 tank
Configurable Alarms	Real-time	Delayed until dip is taken
Record Fuel Deliveries	Yes	No
Power Source	Wired (SmartFill FMS)	Battery and Solar
Battery Life	N/A	Up to 5 years (1 dip per day)
SmartFill FMS Required	Yes	No
ATEX/IECEX Rating	Yes (optional)	No
Maintenance Requirements	None	Battery Replacement as required

Need more information?
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