

Cellular
Radar Monitor



Cellular
Pressure Monitor



Cellular
Switch Monitor



Cellular
Float Monitor

Centeron has three types of cellular tank level monitors to choose from, the **Cellular Radar Monitor**, **Cellular Float Monitor** and **Cellular Pressure Monitor**. Tanks from 9" deep to over 60 ft. deep can be monitored. A **Cellular Switch Monitor** for detecting and reporting switch events is also available. Intrinsically safe radar, float and switch monitors can be ordered with UL913 and CAN/CSA C22.2 No.157 certifications for use in Class I, Division 1, Group D hazardous locations.

Each monitor features easy installation, a rugged enclosure, and long battery life to deliver excellent performance. Centeron products: simply the right choice for your monitoring needs.

Features

	Radar	Float	Pressure	Switch
• Approved for use in flammable liquids	X	X		X
• International GPRS cellular coverage	X	X	X	X
• Optional GPS for locating mobile and nonfixed assets	X	X		X
• Flexible reporting schedule	X	X	X	X
• End of month reports	X	X	X	X
• Alarming	X	X	X	X
• E-mail, fax, and text-message alerts	X	X	X	X
• Automatic fill and theft detection	X	X	X	
• Battery and radio strength indicator	X	X	X	X

U. S. Patents: 6,055,287; 6,060,915; 6,644,114; 7,249,505; 7,262,607; 7,298,278; 7,298,281

Technical Specifications

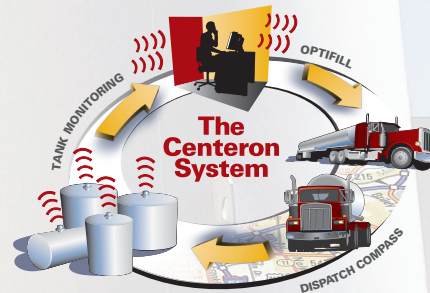
	Pressure	Radar	Float	Switch
Accuracy	+/- 1%	+/- 0.5%	+/- 5%	2 Switch Capacity
Battery life	10 years transmitting @ once per day			
Max tank depth	60 ft.	16 ft.	8 ft.	
Enclosure	UL 50 Type 4	NEMA 3, 4X and 6P	NEMA 3, 4X and 6P	NEMA 3, 4X and 6P
Mounting	1 ½" & 2" NPT	1 ½" & 2" NPT	Magnetic	Magnetic
Operating temperature	-30°C to +70°C			
Radio approval	FCC Part 15 approved, R&TTE 1999/5/EC			
Safety approvals	UL 6101B-1 & CAN/CSA-C22.2 No. 61010-1-04	UL 913 Class I, Div. 1, Group D & CAN/CSA C22.2 No. 157	or	ISA 12.12.01 Class I, Div. 2, Group D & CSA C22.2 No. 213

The Centeron System

The Centeron System combines robust tank monitoring equipment, market leading OptiFill tank fill optimization software, and Dispatch Compass™ routing and dispatching software to provide a complete set of tools designed to increase the productivity of any liquid distribution business.

Centeron monitors use a wide array of sensor technologies to fit a broad range of fluid applications. The system communicates via cellular, satellite, Ethernet or landline phone to deliver the optimal solution for your business.

OptiFill enables you to unlock the power of your wireless tank monitoring system. This delivery optimization software provides you with the tools to achieve maximum fills on every delivery, even difficult multi-tank locations.



Dispatch Compass is designed specifically for the liquid distribution business. This software makes it easy to schedule the most efficient routes for any combination of bulk, multi-compartment, packaged goods or combo trucks.

With these powerful tools in place, you can consistently schedule your fleet to travel fewer miles in less time and at a lower cost than ever before. And with higher levels of efficiency, you can service more customers and generate more profit without adding additional trucks and drivers.

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Controls

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