



OmniPreSense Releases Material Level Monitor

Monitor Flood Waters or Solid Material Height

San Jose, CA July 6, 2023 – OmniPreSense Corporation, an innovative supplier of Short-Range Radar sensors, today announces the OPS8243 material level monitor. The OPS8243 can monitor the height of liquids and solids. A key target application is detecting river height levels for flood monitoring.

The OPS8243 uses OmniPreSense’s proprietary radar signal processing algorithms to accurately report the height of liquids or solids. The sensor reports heights with a resolution as little as 4cm or 1.6 inches. A flexible API provides the ability to set high and low level thresholds and receive alerts when these are exceeded.

Other applications include solid or liquid material detection which may be used for volume estimation in silos or tanks. The OPS8243 comes in a water tight, all-weather IP67 enclosure and the base radar technology is immune to the dust or rain from environment. The sensor operates over a wide -40 to +85°C temperature range.

The OPS8243 has two interface options, RS-232 and WiFi. The RS-232 is available for long distance cable support. The WiFi interface provides a solution for direct transmitting of data to the cloud, eliminating the need for a processor board. The WiFi version is powered over PoE (power-over-Ethernet) and comes with a cable and power adapter.

“We continue to innovate on our core radar technology and pleased to provide products that can make our world safer,” stated Rob Frizzell, CEO and co-founder of OmniPreSense. “The OPS8243 is a solution that customers can afford to place everywhere, providing the data the world needs.”

Pricing and Availability

The OPS8243 material level monitor is available now and is priced at \$445 (RS-232 interface) and \$485 (WiFi interface) in single unit quantities. It can be ordered from the company website at www.omnipresense.com/shop or from [Mouser](#).

About OmniPreSense

Based in San Jose, CA, OmniPreSense provides short range radar for sensing a safer world. OmniPreSense is a [Techstars](#) funded company.

OmniPreSense

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