



OmniPreSense Releases New OPS242 Short Range Radar Sensor

Smaller size, multi-object reporting, and FCC modular approval enable traffic monitoring solutions

San Jose, CA June 27, 2018 – OmniPreSense Corporation, an innovative supplier of Short-Range Radar (SRR) sensors, today announces its newest radar sensor with a smaller form factor and FCC modular approval. The OPS242 is 30% smaller than the previous OPS241 radar sensor, supporting space constrained applications. The OPS242 also provides FCC modular approval to simplify customer development and speed release to production. With a detection range of 10m for people and up to 25m for cars, the OPS242 is an ideal solution for traffic monitoring systems.

The OPS242 short-range radar detects motion, reporting speed and direction of objects in its field of view. With a top detection speed greater than 140mph, the OPS242 can handle the fastest of car traffic. A simple application programming interface (API) provides direct control of the OPS242, allowing changes to reported units (m/s, mph, etc.), transmitted power, and other useful settings.

New for the API is the reporting of multiple objects in the sensors field of view. As many as 9 different reports for speed and magnitude are available. Magnitude information consists of size, reflectivity, and distance information for the objects detected. This is most beneficial for traffic monitoring solutions. Multi-object detect is yet another feature that competitive solutions such as a passive infrared (PIR) or ultrasonic sensors cannot provide.

Potential traffic monitoring applications for the sensor include radar speed signs, road traffic monitoring, sidewalk foot traffic counting, and in-room presence detection. "There's an increasing trend to build Smart Cities and Smart Homes which the OPS242 supports," stated Rob Frizzell, CEO and co-founder of OmniPreSense. "We're pleased to provide such a simple, small form factor, and low-cost solution to making our cities smarter and safer."

Pricing and Availability

The OPS242 is priced at \$189 in single unit quantities and will ship in August. The company will be demonstrating the OPS242 at the [Sensor Expo](#) held in San Jose June 27-28th. The OPS242 can be ordered from the company website at www.omnipresense.com or from their distribution partners.

OmniPreSense

Based in San Jose, CA, OmniPreSense provides short range radar for sensing a safer world. They are a [Techstars](#) funded company, having recently completed the Techstars Autonomous Technology Accelerator.

###

Contact Information:

Rob Frizzell
+1-408-876-6220
rob.frizzell@omnipresense.com

OmniPreSense Corporation