



OmniPreSense Releases New OPS242 Short Range Radar Sensor

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

SAN JOSE, CA, USA, June 26, 2018 /EINPresswire.com/ -- [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.

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.

Rob Frizzell
OmniPreSense Corporation
4088766220
[email us here](#)

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.
© 1995-2018 IPD Group, Inc. All Right Reserved.