All-weather Radar Sensor with WiFi Interface Released by OmniPreSense

Complete IoT System Seamlessly Connects to Cloud

San Jose, CA March 30, 2021 – OmniPreSense Corporation, an innovative supplier of Short-Range Radar sensors, today announces an extension of its radar sensor family with a WiFi enabled sensor in an IP67 all-weather enclosure. The new OP7S243-C system seamlessly sends data to the cloud and is viewable on an Android app or web page. The Android app is used to make a simple WiFi network connection and configuring of the sensor. The WiFi connectivity enables remote placement for monitoring vehicle and people traffic.

The radar sensor is a complete IoT system, detecting objects in its field of view and seamlessly passing the data to the cloud. Users utilize an Android app (iOS pending) to connect the sensor to the desired WiFi network, configure the sensor, and visualize the data.

The OPS7243-C sensor can detect people up to 15m away, vehicles up to 60m, and trains at 100m. It reports both the speed and range of objects detected in its 20˚ x 24˚ field of view. The same simple API found on other OmniPreSense radar sensors is utilized. A simple means of counting vehicles and people are integrated into the API.

"We're pleased to release our latest system product for remote traffic monitoring," noted Rob Frizzell, CEO and co-founder of OmniPreSense. "WiFi has become prevalent everywhere and the simplest means of sending data to the cloud. Our new sensor makes remote traffic monitoring even easier for smart cities applications."

Pricing and Availability

The OPS7243-C WiFi radar sensor is priced at $445 in single unit quantities. It can be ordered from the company website at www.omnipresense.com or from its worldwide distribution partner Mouser.

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

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