



OmniPreSense Shows Off Latest Demos at Maker Faire

Electronic version of kids' game Red Light – Green Light created

San Jose, CA (May 19, 2017) – OmniPreSense Corporation, an innovative supplier of Short-Range Radar (SRR) solutions, is attending the San Mateo Maker Faire to demonstrate its latest developments. The demonstrations include an electronic version of the kids' game Red Light-Green Light and a Samsung Android phone turned into a radar gun. Both demonstrations make use of the company's first radar module capable of detecting objects 5-10m away, the OPS241-A.

OmniPreSense took a carnival attitude towards developing an OPS241-A demonstration for Maker Faire. A game everyone has played as a kid, Red Light-Green Light, has been made electronic. At the show, attendees will be able to test how well they can control their walking speed while not tripping the red light. An OPS241-A is used to monitor their motion and speed. A scoring system has been created based on the red-light detection, time, and distance covered, all running on a Raspberry Pi and a small amount of Python code.

In addition to the Red Light-Green Light demo, OmniPreSense will demonstrate how to quickly turn an Android phone into a radar gun. Using a simple app and USB OTG (On-The-Go) cable, any Android phone can be quickly turned into a radar gun with the OPS241-A.

The OPS241-A is a complete short range radar module for the maker community. It reports motion, speed, and direction of objects detected within its 5-10m range. A simple API has been defined for controlling the module and it easily connects to any Smart USB host (Raspberry Pi, Android device supporting OTG, PC or Mac). Compared to passive infrared (PIR) or ultrasonic sensors, the OPS241-A provides increased range, a wider coverage area, immunity to noise and light, while providing enhanced information about the detected object.

OmniPreSense will be in the Redwood Hall (Zone 7). The show starts Friday May 19th and concludes Sunday May 21st at the San Mateo Exhibition Center.

Pricing and Availability

The OPS241-A is priced at \$169 and available immediately in single-unit quantities at www.omnipresense.com. A special show price will be available for those wishing to purchase OPS241-A at Maker Faire.

OmniPreSense

Based in San Jose, CA, OmniPreSense is an innovative startup focused on delivering short-range radar solutions to sense a new world. The company makes radar functionality more accessible by embedding millimeter wave antenna design and signal processing in an affordable module.

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