

OmniPreSense's Traffic Monitor is simple to use, and easy to install solution for monitoring traffic flow and speeding. The sensor uses WiFi to send data to the cloud. This data can be read by any device capable of subscribing to MQTT data. A flexible API allows setting speed filters and sending alerts. The sensor has a narrow field of view but can cover up to 4 lanes of a roadway. The sensor comes in an all-weather, IP67 enclosure for mounting outdoors.

Features

- 3-328 ft. detection range
- Speed reporting up to 138mph
- Speed accurate within ± 1 mph
- Direction reporting (Inbound/Outbound)
- Utilizes MQTT data transport
- IoT Edge Processing Sensor
- Power-over-Ethernet power (no PoE data)
- 1.9W Active power
- Small form factor 5 in. x 5 in. x 2.4 in., 11 oz.

Applications

- Local Streets
- Homeowners Associations
- Private Roads

Functionality

- Speed and Direction
- Traffic Count over Time
- Speed Distribution



OPS9243 Radar Sensor

