

OmniPreSense's OPS9243 is a complete vehicle traffic monitor in a low power, small form factor enclosure. The OPS9243 uses unique algorithms to accurately collect speed and vehicle count data when mounted near a street. Data is sent to the cloud for visualization and optimization of traffic flow or sent for local streetlight control and automatic timing adjustment. A detection range up to 100m/328 ft. and narrow 20° field of view allows the OPS9243 can capture traffic data across multiple lanes of traffic.

Features

- 1-100m (3-328') vehicle detection range
- Speed reporting up to 138mph
- Traffic counting and statistics
- Direction reporting (Inbound/Outbound)
- Narrow 20° beam width (-3 dB)
- Simple API control over RS-232 interface
- Immune to noise (sunlight, dust, rain)
- Industrial temp operation (-40 to +85°C)
- 1.7W Active power, 0.6W Idle power
- 130 x 130 x 61mm (5 x 5 x 2.4 in.)

Applications

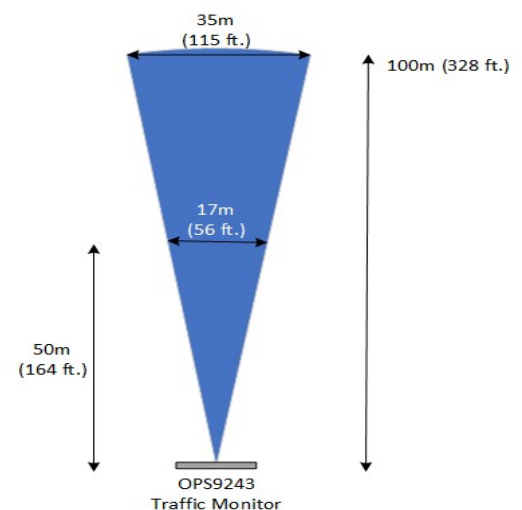
- Traffic Monitor
- Street Light Control
- Perimeter Security

Functionality

- Speed Reporting
- Traffic Counting
- Traffic Statistics



OPS9243 Traffic Monitor



OPS9243 Field of View

Ordering Part Number

Radar Sensor	Interface
OPS9243-A-R2	RS-232