

OmniPreSense's OPS7242 radar sensor provides a simple solution for motion detection, recording speeds of traffic, or counting objects. It comes in an all-weather IP67 enclosure for mounting outdoors. The motion, speed, and direction information is provided over a USB interface. A simple API provides control over the reporting format, sample rate, and module power levels. The sensor carries full FCC/IC regulatory approval and comes with a USB cable.

Features

- 1-25m (3-82') detection range
- Full FCC/IC modular certification
- Speed reporting 138mph (222kmh) or higher
- Speed accurate to within 1mph (1.6kmh)
- Direction reporting (Inbound/Outbound)
- Wide 76° beam width (-3 dBm)
- USB interface with simple API control
- 1.4W Active power, 0.6W Idle power
- Small form factor 80 x 130 x 187 mm (3.2 x 5.1 x 3.4 in), 300g (11 oz)

Applications

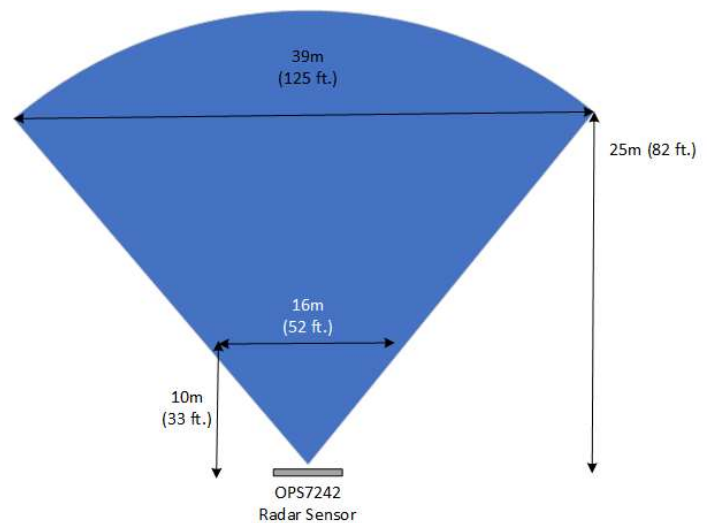
- Security Detection
- Traffic Monitor
- Object Counting

Functionality

- Motions
- Speed
- Direction
- Counts



OPS7242 Radar Sensor



Field of View

Ordering Part Number

Radar Sensor	Interface
OPS7242-A-US	USB

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[OmniPreSense:](#)

[OPS7242-A-CW-RP](#)