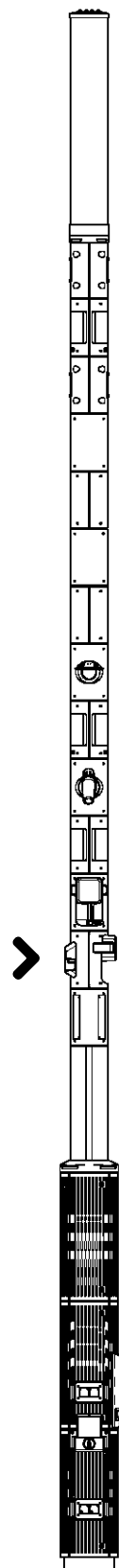




RENDER



WASPMOTE PLUG & SENSE! WITH SENSOR PROBES



## Particulate Matter Sensor

ENVIRONMENT

A Particulate Matter Sensor is deployed usually as part of the air quality solution, however can be deployed as a standalone sensor to measure particulate levels, for example in heavy truck route areas, rubbish tips.

Tiny particles from industrial activity, exhaust fumes, building heating and pollen all pose a risk to people as they navigate public spaces. In extreme cases, poor air quality can contribute to respiratory and coronary diseases, and even lung cancer. As such, measuring the Air Quality Index (AQI) is an essential function of every Digital Infrastructure.

The current sensor models used are heat and humidity-resistant and designed to perform in a range of outdoor environments.

As a reference, AQI values run between 0 to 500, with an AQI value of 500 representing hazardous air quality. Good-to-moderate air quality ranges between 0 to 100.

### Product Options

Libelium PM sensor (PM1, PM2.5, PM10)

DS-EV-SEN-AIR-SN-001-A

### Product Dependencies

Libelium Smart City Pro Gateway

DS-EV-SEN-GAT-SN-001-A