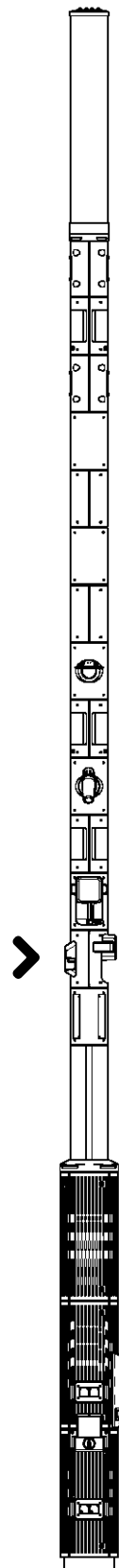




RENDER



WASPMOTE PLUG & SENSE! WITH SENSOR PROBES



## Nitrogen Dioxide (NO<sub>2</sub>) Sensor

ENVIRONMENT

A Nitrogen Dioxide Sensor is deployed usually as part of the air quality solution, however can be deployed as a standalone sensor for detecting Nitrogen Dioxide Levels in the air.

We are currently facing many environmental crises: global warming, hazardous waste, resource depletion, and air pollution, among others. Millions of people die each year from diseases caused by exposure to outdoor air pollution. The Air Quality Index (AQI) is an important indicator for reflecting on and evaluating this air quality.

AQI is calculated using six main pollutants: Fine Particulate Matter (PM<sub>2.5</sub>), Particulate Matter (PM<sub>10</sub>), Ozone (O<sub>3</sub>), Sulfur Dioxide (SO<sub>2</sub>), Nitrogen Dioxide (NO<sub>2</sub>), and Carbon Monoxide (CO).

Furthermore, the AQI measures general air quality on a scale from 0 to 300 divided into six levels (good, moderate, harmful for sensitive people, harmful, very harmful, and dangerous).

### Product Options

Libelium Nitrogen Dioxide (NO<sub>2</sub>) Sensor

DS-EV-SEN-NO2-SN-001-A

### Product Dependencies

Libelium Smart City Pro Gateway

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