

Aerys G

Responding to climate change

Climate change is the greatest challenge of our time. The burning of fossil fuels and industrialization releases NO_x (nitrogen oxides) and is one of the main causes of increased greenhouse effect and global warming.

In turn, NO_x helps form ground-level ozone (O₃) which is a harmful air pollutant and a main ingredient in smog. These toxic gases impact human, animal, plant respiration, and contribute to forming acid rain that are harming sensitive ecosystems such as lakes and forests.

Aerys G tracks levels of O₃, NO (nitric oxide), and NO₂ (nitrogen dioxide) and raises awareness about the quality of the air we breathe.

Because it is easy to install, maintain, and use, Aerys helps support urban planning, green infrastructure, and sustainable development within cities.





Construction

Dimensions: W: 22 cm ; D: 22 cm ; H: 64 cm
Weight: 10 kg; Materials: fiberglass, ABS, hot-dip zinc coated steel (EN10346), galvanized low carbon steel (ISO 2081)



Li-ion battery pack

Low-temperature resistance
Advance BMS



Real-time GPS location

Online alarm if device location changes.
Location visible over Solos Smart City platform



Internal server communication system

5-year connectivity with Solos Smart City platform
Online product maintenance and updates



Sensors

PHT sensor - pressure, temperature, humidity
Energy sensor



Gas sensor

Monitoring NO, NO₂ and O₃ gases
Reliable electrochemical sensors



Detailed technical specification can be found in Aerys G datasheet.