

Aerys P

Essential part of every community

The WHO has declared that inhalable particulate matter (PM) affects more people worldwide than any other pollutant, causing asthma, cardiopulmonary diseases, and lung cancer among others.

PM10 typically comes from pollen, smoke, road dust, and construction, while PM2.5 and PM1 are fine and ultra-fine air particles associated with car emissions, fuel burning, and industrial sites. Because they are small enough to penetrate deeply into the lungs and bloodstream, they present even a greater risk to the most vulnerable population such as pregnant women, children, the elderly, and people with existing respiratory diseases.

Aerys P tracks PM10, PM2.5 and PM1 for a better understanding and insight of particulate matter density in our communities.

It can be placed anywhere, especially at sensitive and highly populated locations such as schools, university campuses, hospitals, playgrounds, or parks.





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



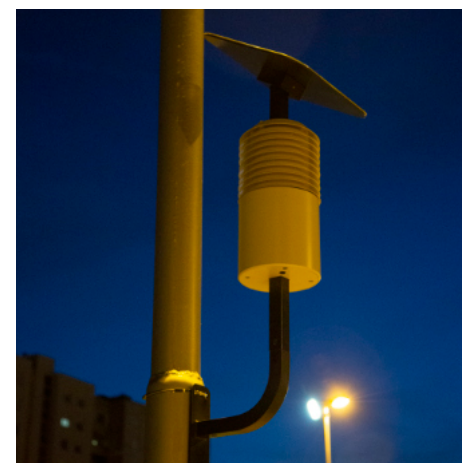
Sensors

PHT sensor - pressure, temperature, humidity
Energy sensor



Particulate matter sensor

Monitoring PM1, PM2.5 and PM10
Laser-scattering technology



Detailed technical specification can be found in Aeris P datasheet.