



GRETA AQM21

Outdoor Air Quality Monitoring System
for Industrial, Commercial and Residential Purposes



GRETA AQM21

Aeron's GRETA AQM21 system can be deployed in dense networks to monitor criteria pollutants, particles and noise pollution. It provides real time data which can be used in identifying high pollution areas, informing related public authorities.

GRETA AQM21 is a highly versatile system capable of sensing PM10, PM2.5, CO, CO₂, NO₂, SO₂ and O₃ (air pollutant data) and weather data for temperature, humidity, pressure, wind speed and direction along with the noise and light.



Technical Specifications

Pollutant/Gas	Range
CO	0-1000 ppm
CO ₂	0-5000 ppm
O ₃	0-20 ppm
NO ₂	0-20 ppm
SO ₂	0-100 ppm
PM2.5	0-500 µg/m ³
PM10	0-1000 µg/m ³

ENV Parameter	Range
Air Temperature	-40 to 65 Deg. C.
Pressure	500 to 1150 mBar
Humidity	0% to 100% RH
Light	Up to 20,000 Lux
Noise	134 dB
Rainfall	0.0 mm to 999.8 mm
Wind Speed	1 - 300 kmph
Wind Direction	0 - 360 Deg.

Communication - GSM / 4G and WiFi

Weight - ~7 Kg,

Dimensions - (LxWxH -25cm x 30 cm x 30cm)

Power Options - 110/220 AC or 12DC (Solar power pack optional)

Physical construct - Highly Durable , IP6X category

Features



Easy to install, operate and maintain



Low power consumption



Rugged enclosure ensures safe operation in extreme environmental conditions



On site data logging with additional backup over cloud



Comes with desktop software and mobile application for 24X7 data access

Applications:

- Hotspot identification and characterisation
- Supplementary monitoring for Smart cities
- Industrial environment monitoring
- Construction site analysis

IoT Solutions from Aeron

**Aeron specialises in providing customised IoT based monitoring solutions.
Some of our offerings are :**



Road Weather
Information System



Flood Monitoring
System



Weather Monitoring Station
for Solar Plants



Smart Parking System



Air Quality Monitoring
System



Automatic Weather Station for
Smart Agriculture



Dam Monitoring System



Sound and Noise
Monitoring System



Industry 4.0



Water Quality Monitoring
System

About Aeron

Aeron is a fast growing tech company developing innovative solutions for global customers. Aeron offers a wide range of tech-driven products and solutions under Inertial Sensing and IIoT verticals. Backed by strong technical knowhow and state-of-art infrastructure, Aeron's products offer premium features at attractive price point. Passionate people, well equipped manufacturing, testing facilities and excellent support framework make us a trusted partner of our customers.





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