

Airmite Mini:

Realtime Remote Monitoring of Dust & Gas Monitor



Environmental Monitoring.

The Airmite - offers a simple solution, enabling you to get accurate near reference data in changeable climatic conditions. A proven algorithm allows this indicative monitor to provide data comparable to a high cost (100k +) reference system



Application

A multi use monitor . Ideal for :

- Boundary Monitoring of dust and gas
- Environmental Monitoring
- Nuisance dust and gas
- Indoor Air Quality Monitoring
- Consultancy evaluations

Specification

- Optical Particle Counter (laser) PM10, PM2.5, PM1
- EC cell **PPB conc** gas cell chose of 1 gas from H2S,NO,NO2,O3,SO2,CO
- With **TVOC by pid** (photo ionization detector) at ppb level
- CO2 ppm level monitor by **NDIR** (non dispersive infra red)
- Temperature and Humidity(T/rH)
- Barometric Pressure
- **Sampling Rate** up to 2 samples per second (hi frequency). This means download averages are accurate
Chose from 1min, 15min,1hour, 24hr

	Range	Resolution	Accuracy
H2S	0-20000ppb	0.1ppb	5ppb
NO2	0-20000ppb	0.1ppb	5ppb

Data View & Download

Data is viewed in real time by accessing the Data dashboard on line.

The Data can be easily downloaded between any points of your choice

Communications

- Wired-ethernet via RJ45 coonector
- Wirelss 4G Cellular Modem. Wifi available upon request
- GPS location with Google Maps
- Remote diagnostics
- Ultra low noise platform to increase stability

Power & Enclosure

- 7-24V DC,90-230v AC
- Back up battery -2hrs
- Enclosure built for harsh climate (Tested in Antartic and Africa)
- Low RF interference design Faraday Cage case

Setup

The unit comes supplied with an activation pin and a back panel adapter for pole or wall mounting

Set up take about 30 mins

You do require power or solar power

You do require 4G connectivity

Lead time for this unit is typically 3 weeks but can vary

Please contact info@em-monitors.co.uk

Tel 01539 727878

For

For Dust and 4 gases
Try our Airmite
From £4900

