

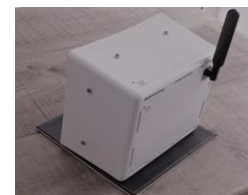
Airmite :

## Realtime Remote Mcerts 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
- Section 61 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 four 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
NO	0-20000ppb	0.1ppb	5ppb
CO	0-20000ppb	0.1ppb	5ppb
O3	0-20000ppb	0.1ppb	5ppb
SO2	0-20000ppb	0.1ppb	5ppb
CO	0-10000ppb	0.1ppb	5ppb
TVOC	0-10000ppb	0.1	1ppb
CO2	0-5000ppm	10ppm	1%FS

### 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](mailto:info@em-monitors.co.uk)

Tel 01539 727878



For Dust and 1 gases  
Try our Airmite Mini  
From £3900 Mcerts Approved