

## SPECIFICATION SHEET: DUST MONITOR



Ingress protection rating	IP65
Operating temperature range	-30°C to 50°C
Barometric pressure range	600 to 1040 mbar
Ambient humidity range	0 to 90% RH, non-condensing

<b>Data Acquisition</b>	
Measurement technique	Nephelometer - forward light scattering TSP (Total Suspended Particles)
Measurement range	0 to 100,000 µg/m3
Measurement sensitivity	1 µg/m3
Zero calibration	Programmable from 1 to 999 minutes
Flow rate	2.0 litres/minute ± 0.1 lpm
<b>GPS Location</b>	
Sensor type	GPS Receiver
Accuracy	10 meter CEP
Logging Interval Time Range	1 - 6000 seconds
Alarm Trigger Level	> 50 µg/m3
Applicable Standards	MCERTS
<b>Dashboard Cloud Service</b>	
Displays	1, 15, 30, 60 mins and 24 hour aggregates for PM 1, PM 2.5 and PM 10
Exports	1, 15, 30, 60 mins and 24 hour aggregates for PM 1, PM 2.5 and PM 10
Data storage	Secure data centre
Alarm message types	E-mail, SMS, personal dashboard
<b>Connectivity</b>	
Wireless	WiFi
Network	LTE / GSM
Internal Memory	~ 2 work weeks storage of log records
Dimensions (mm)	483H x 178W x 108D