

Low Cost Neighbourhood Dust Monitor

PM Data Where & When You Want it

Key Features:

- Installs in minutes (by the user)
- Transmits data automatically
- Low cost, high accuracy
- Deploy anywhere

Applications

- Community monitoring
- Construction dust monitoring
- Remediation site monitoring
- Boundary / fence line monitoring

Low Cost Neighbourhood Dust Monitor

The Neighbourhood Dust Monitor measures and reports continuously on local air quality conditions (24/7/365). The monitor can provide site personnel, agencies, key decision makers or the local community with critical information keeping them informed of local dust levels and exceedances. Using proven technology, the Neighbourhood Dust Monitor will provide high quality, reliable data at an extremely affordable price.

Incredibly Easy Installation

The Neighbourhood Dust Monitor is completely self-contained and ready for immediate deployment in any setting.

Features:

- Installs in minutes (by the user)
- Transmits data automatically
- Low cost, high accuracy
- Deploy anywhere
- Easily share and access data
- Mains, battery or solar powered
- Fixed or portable tripod mountings
- SMS and email alerts of dust exceedances
- Heated sample inlet to minimise the effects of humidity

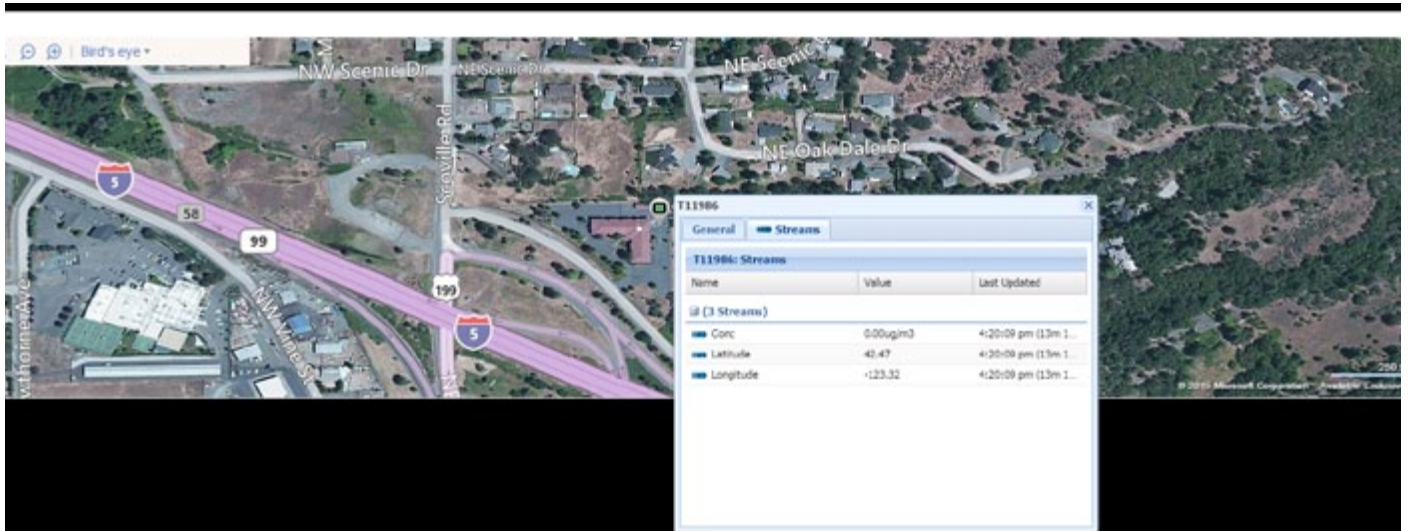
Data Immediately

The Neighbourhood Dust Monitor transmits its data economically over any of the existing 3G and 4G cellular networks. Included with purchase is 3 years of cellular data transmission at no additional charge. During high concentration events, the Neighbourhood Dust Monitor can send the user SMS text messages, emails or other social media alerts, immediately informing them of current conditions.



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Typical cloud application showing location, tabulated data and charts. Data output may be tailored to meet customer needs.



Specifications

Measurement Principle	Particulate concentration by forward light scatter laser Nephelometer
Measurement	TSP, PM ₁₀ or PM _{2.5}
Range	0 to 100,000 µg/m ³
Sensitivity	1 µg/m ³
Power	12 VDC
Modem	Cellular modem included
GPS	Included

Specifications may be subject to change without notice



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