

Dust Monitor

A cost effective dust monitoring solution, which harnesses the power of the Internet of Things (IoT) to provide you with real-time data.



Latest In IoT Technology

Sensors, located in the unit, measure wind direction and speed, dust metrics (PM2.5 and PM10), temperature, humidity, and location. All collected information is transmitted to a central system.

Robust and Durable

Designed to weather the diverse conditions associated with mining sites. The units can be bolted to the ground to prevent theft, and all technology components are securely housed inside a solid steel casing.

Customisable Power Supply Options

The Dust Monitor can be customised to work with conventional power, battery power, or solar power, depending on which option best meets your requirements.

Remote Monitoring and Alerts

Existing conditions can easily be viewed through an online webpage-based dashboard, accessed from any computer or smart device. Three months of historical data provides evidence, as and if required. Customisable alerts can be set up to notify you of critical events via SMS or email.

The Dust Monitor is a cost-effective dust monitoring solution, which harnesses the power of the Internet of Things (IoT) to provide you with real-time feedback,

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allowing you to take proactive steps to manage dust levels.

Its highly expandable live feedback functionality provides a broad spectrum of information including:

- dust sensing (PM2.5 and PM10),
- wind speed and direction,
- temperature and humidity,

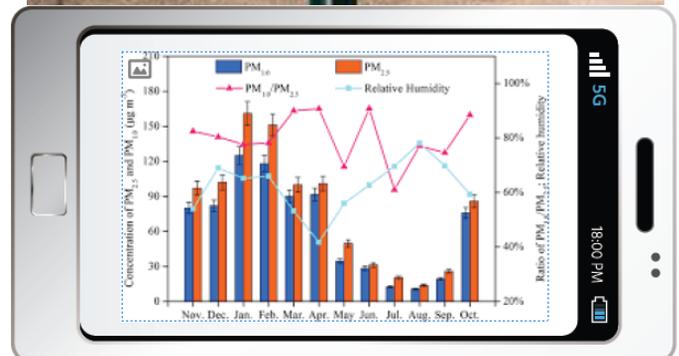
Which is used to assist with alignment to the National Environmental Management Act, 1998.

An onboard GPS sends the exact location of the unit, allowing you to precisely locate an issue when and where it occurs.

Existing conditions can easily be viewed on an online dashboard, accessed anywhere, from internet connected computers or smart devices. Information is collected and stored in a cloud database for three months, keeping a record of conditions should they be required as evidence in the future.

The unit provides you with the information needed to take the necessary steps to improve the health of your staff, increase site safety, comply with legislation and ultimately decrease downtime.

We offer a complete range of dust suppression products and services designed to deliver efficient solutions across any operation.



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