



CAMPBELL ASSOCIATES
SOUND, VIBRATION & AIR SOLUTIONS

DUSTSENS DUST MONITOR



KEY PRODUCT SPECIFICATIONS



mCERTS CERTIFIED
PM10 & PM2.5 Monitoring



OPTICAL PARTICLE SENSOR
Accurate Real-Time Measurement



FLEXIBLE POWER
12V, Battery, Solar or Mains



WEATHER PROTECTED
IP64 Outdoor Enclosure



CLOUD REPORTING
Automated Alerts & Reports



WEATHER MONITORING
Weather Monitor Attachment

Built for Reliable Dust Monitoring. Accurate data. Simple deployment.

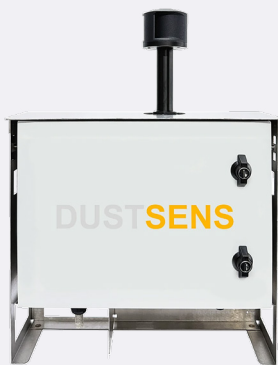
The **DustSens DM30** is a robust, plug-and-play monitor designed for continuous particulate measurement across construction and industrial sites. Its optical sensor tracks PM10, PM2.5 and PM1 concentrations in real time.

Cloud reporting, automated alerts and flexible power options support reliable monitoring without complex setup.

DESIGNED FOR SITE DUST MONITORING

Suitable for construction, demolition and industrial environments where continuous particulate monitoring and rapid response to threshold breaches are essential.

The **DustSens** combines accurate optical measurement with straightforward installation, flexible power options and cloud-based reporting for efficient long-term monitoring.



TECHNICAL SPECIFICATIONS



● ● ● **0.35–40 μm**
Particle Size Range

 **–10°C TO +50°C**
Operating Temperature

 **UP TO 2000 $\mu\text{g}/\text{m}^3$**
Measurement Range

 **3+ YEARS**
Onboard Data Storage

● ● ● **PM10, PM2.5 & PM1**
Particulate Monitoring

 **24w 12V**
Power Input

POWER & DEPLOYMENT

Flexible power options for reliable, long-term outdoor monitoring.

- **Plug-and-play** deployment
- **12V, solar, battery or mains** power
- **Pole or tripod** mounting
- **IP64-rated** outdoor enclosure
- **Low-power mode** for extended operation
- **Built for construction** environments

DUST MONITORING & ANALYSIS

Accurate particulate data for clear site monitoring and reporting.

- **Optical particle counter**
- **PM10, PM2.5 and PM1** monitoring
- **0.35–40 μm** particle size range
- **Up to 2000 $\mu\text{g}/\text{m}^3$** measurement range
- **Temperature and relative humidity** data
- **Flexible logging intervals** from 1 minute to hourly

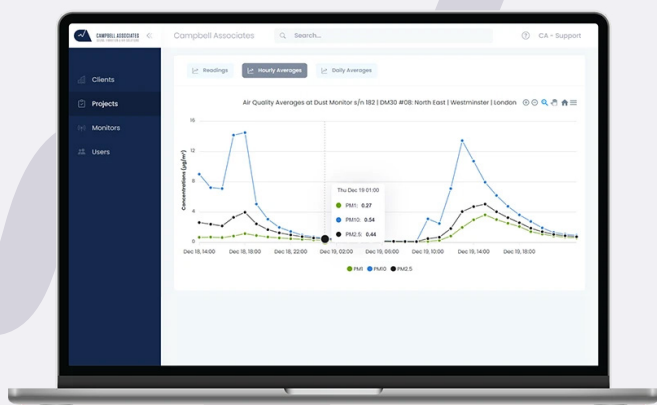
REMOTE MANAGEMENT / CLOUD

Access live data, alerts and reports remotely through Sonitus Cloud.

- **Real-time data access**
- **WiFi and 4G** connectivity
- **Automated cloud reporting**
- **Email and SMS alerts**
- **Connectivity alerts**
- **CSV data downloads**
- **Charts, calendars and grid views**

APPLICATIONS

Construction
Demolition
Groundworks
Industrial sites
Urban monitoring



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