



**SONITUS**  
SYSTEMS

# DM30 DUSTSENS PARTICULATE MONITOR

- Automated operation with online analysis
- Multiple measurements are taken simultaneously
- Heated air inlet
- Rugged design and construction
- Remote online reporting through the Sonitus Cloud



- Real time measurement with no interaction
- Easily collect all the data you need for compliance
- Consistent performance in all conditions
- Ready to deploy on any site
- Check compliance with limits automatically, from anywhere

# DM30 DUSTSENS PARTICULATE MONITOR



## TECHNICAL SPECIFICATION

### PARTICULATE MEASUREMENT

**Parameters:** PM10, PM2.5 and PM1

**Method:** Optical particle counter

**Measurement Range:** up to 2000 µg/m<sup>3</sup>

**Particulate Range:** 0.35 to 40 µm

### LOGGING

**Measurement Period:** 1, 5, 10, 15 or 30 minutes  
Hourly and 24-hourly averages calculated online

**Data Storage:** 3+ years on-board memory

**Procedure:** Automatic measurement and logging

### ENCLOSURE

**Dimensions:** 400 x 300 x 150mm with 180mm inlet

**Weight:** 7kg with EM20 logger

**Operating Temperature:** -10 to 50 °C

**Humidity Range:** 0 to 95% RH

### POWER REQUIREMENTS

**Power Input:** 110V-240V AC or 12V DC

**Power Consumption:** 24W with EM20 logger

**Maximum Current:** 2A at 12V

### COMMUNICATIONS

**Wi-Fi** (user interface)

**4G SIM Card** supplied with each monitor

### INTERFACE

The user interface is accessed over WI-FI using any web browser. All readings are automatically uploaded to the Sonitus Cloud reporting platform.