

EDC - Taking Unmanned Environmental Monitoring to the next level. The EDC brings unparalleled accuracy and up to date monitoring data for a variety of parameters from your site to wherever you are.

The EDC has been built from the base of the MCerts approved DustTrak Environmental from TSI which alone provides some of the most innovative monitoring solutions for Dust and Particulates but with the EDC you can add options for up to three of the below parameters:

Dust and Particulates

(Total Dust, PM1, PM2.5, PM10)
Volatile Organic Compounds (VOCs)

Gas Levels

(Including CO₂, CO, NO, NO₂, O₂ and more!)

Noise and Sound

(including frequency if required)

Vibration (Velocity as standard)

Wind Speed and Direction

Temperature, Humidity and Dew Point

But not only can the EDC Monitor these parameters using the Thiamis modem and Environet.io the unit reports remotely giving you immediate access to your data anywhere in the world and what's even better if any parameter exceeds a preset level you can get an immediate text or email alert.



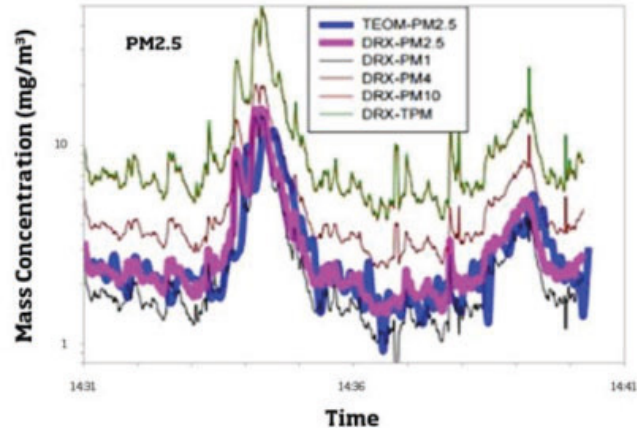
Based on the MCerts Approved DustTrack

Key features

- Remote Monitoring with Environet
- Solar Power Options as well as 240v/110v
- Full Data logging
- Automated Reporting
- Alerts beyond preset levels
- Easy to program

Application Examples

- Construction
- Demolition
- Remediation
- Traffic Studies
- Environmental Air Quality
- Airports




EDC General specifications


Dimensions	Lockable, enclosure; 411 x 305 x 311 mm (HWD)
Weight	14.5kg
Mounting	Wall, pole and tripod mount
Operating Environment	0° to 50°C standard; extended temperature range capability of -20° to 50° C available with optional enclosure heater; 0 to 100% RH
SMS Text Messaging and Email Alert Capability	User programmable from Environet software
Data Logging	Via Thiamis 1000: 1 Hz data rate: user selectable reporting interval from 1 minute to 24 hours (average reading). 2 GB of on-board memory, expandable to 32 GB. Stored data accessible using Environet software.
Power Supply	Requires AC mains, rechargeable batteries or solar power system
Communications	Wireless: Cloud service capability via Netronix Thiamis 1000 Quad-Band 3G/GPRS Modem1

Optional Monitors

DustTrak 2 or DRX MultiRAE	PM10, PM2.5 or Simultaneous PMTotal, PM10, PM2.5 and PM1.0 Sensor Options include: VOC, LEL, CH ₄ , CO ₂ , NH ₃ , CO, H ₂ S, CL ₂ , ClO ₂ , ETO, HCHO, HCN, H ₂ S, CH ₃ -SH, NO, NO ₂ , O ₂ , PH ₃ , SO ₂
SoundPro	Options Include: Leq, Lpk, 1/1 and 1/3 Frequency Analysis, L10, L90

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