

# enLink Air-X

## Wireless Outdoor Air Quality Monitor

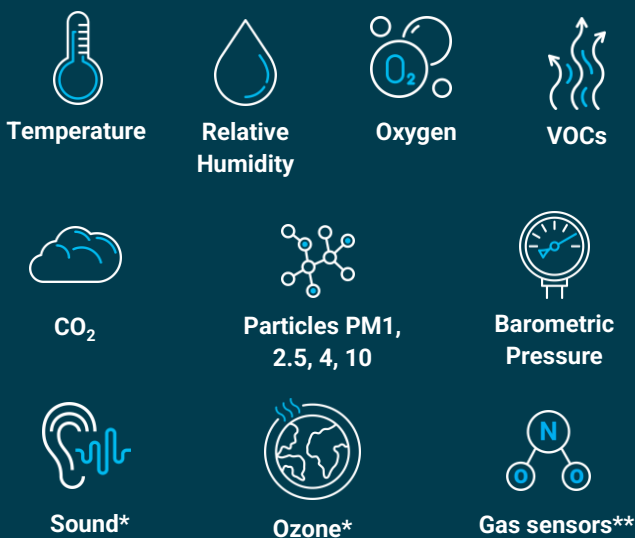
Synetica's enLink Air-X is a wireless, outdoor air quality monitor for real-time, continuous measurement of air pollutants.

Designed and manufactured in the UK, the enLink Air-X allows the easy visualization and analysis of key environmental parameters including temperature, relative humidity, oxygen, carbon dioxide, carbon monoxide, VOC's, ozone, particulate matter, plus many more.

Using the latest gas sensing technology, the enLink Air-X provides excellent accuracy and extended instrument longevity. Incorporating long range LoRa™ wireless, the enLink Air-X Outdoor Air Quality Monitor can transmit data for up to 16km, seamlessly linking data to the cloud, providing visual, easy to analyze information.



### Sensed Parameters



### Key Features

-  Detailed, accurate measurements
-  Key environmental parameters monitored
-  Tough, weatherproof design
-  Easy configuration via USB
-  LoRa™ wireless, up to 16km range
-  Real-time information
-  Subscription free, easy to analyse data

\* Model dependent

\*\* Including CH<sub>2</sub>O, CO, NO<sub>2</sub>, SO<sub>2</sub>, H<sub>2</sub>S

## enLink Air-X – Wireless, Outdoor Air Quality Monitor

Established in 2008, the engineering team at Synetica have many years experience in monitoring and analysing critical environmental information for the facilities management, commercial and industrial sectors.

Many businesses are monitoring and regulating air quality in order that they comply with increasingly stringent government standards or to simply negate the effects of contaminated air on public and employee health.

Synetica's outdoor air monitoring solutions are designed to provide accurate data over long distances and integrate easily with smart technology platforms helping organisations and public bodies monitor air pollution.

Combining our extensive manufacturing capabilities with our acquired knowledge, we work with a diverse range of customers from power generation plants and retail outlets, through to large scale public infrastructure projects and prestigious commercial developments.

If you have a specific requirement for an air, environmental, energy or asset monitoring solution, contact us to learn more about how our precision monitoring technologies could help.

### Specifications

<b>Temperature</b>	Accuracy: $\pm 0.2^{\circ}\text{C}$ (typical) Range: $-20^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
<b>Humidity</b>	Accuracy: $\pm 2\%$ (typical) Range: 0 – 100% RH
<b>Pressure</b>	Accuracy: $\pm 0.12\text{hPa}$ (equivalent to $\pm 1\text{m}$ in altitude) Range: 300-1100hPa
<b>Particulate matter</b>	MCERTS Certified Particles measured: PM0.5, PM1, PM2.5, PM4 & PM10 Conc <sup>n</sup> range: 0 – 1,000 $\mu\text{g}/\text{m}^3$
<b>O<sub>2</sub></b>	Accuracy: $< 2\%$ ppO <sub>2</sub> , pressure $\pm 5$ mbar Range: 0 – 25% O <sub>2</sub>
<b>VOC's</b>	VOC IAQ Index and ppm (bVOC) Range: 0 – 500 IAQ
<b>CO<sub>2</sub></b>	Accuracy: $\pm (30, +3\%)$ ppm (typical) Range: 0 – 5,000 ppm

\*Refer to enLink Air-X Datasheet for additional gas modules and specifications

### About us

Synetica was established in 2008 with the simple idea to revolutionise air quality monitoring, energy usage and remote asset monitoring. Our global customer base relies on our expertise to help them reduce emissions and clean up the air they breathe by allowing them to monitor their energy usage and key environmental parameters via the touch of a button.



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