

enLink Air

Wireless Indoor Air Quality Monitor












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

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








Using the latest gas sensing technology, the enLink Air provides excellent accuracy and extended instrument longevity. Incorporating long range LoRa™ wireless, the enLink Air Indoor Air Quality Monitor can transmit data for up to 16km with building, interior penetration of 1-2 km without repeaters.



Sensed Parameters

 Temperature	 Relative Humidity	 Oxygen	 VOCs
 Light Level	 CO ₂	 Particles PM1, 2.5, 4, 10	 Barometric Pressure
 Sound*	 Ozone*	 Gas sensors**	

Key Features

-  Detailed, accurate measurements
-  Key environmental parameters monitored
-  Stylish, discreet design
-  Helps meet WELL® and RESET® standards. Works with WELL licensed.
-  LoRa™ wireless, up to 16km range
-  Real-time information
-  Subscription free, easy to analyse data

* Model dependent

** Up to 4 x plug-in gas sensors, Including CH₂O, CO, NO₂, SO₂, H₂S

- 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 air monitoring solutions integrate seamlessly with green building design and smart technology platforms helping companies achieve WELL® compliance and supporting national air pollution control schemes.
- 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 property 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

Temperature	Accuracy: $\pm 0.2^{\circ}\text{C}$ (typical) Range: -20°C to $+50^{\circ}\text{C}$
Humidity	Accuracy: $\pm 2\%$ (typical) Range: 0 – 100% RH
Pressure	Accuracy: $\pm 0.12\text{hPa}$ (equivalent to $\pm 1\text{m}$ in altitude) Range: 300-1100hPa
Light level	Accuracy: $<4\%$ error Range: 0.01 – 83,000 lux
Particulate matter	MCERTS Certified Particles measured: PM0.5, PM1, PM2.5, PM4 & PM10 Conc ⁿ range: 0 – 1000 $\mu\text{g}/\text{m}^3$
Sound (optional)	Sensitivity: $-26\text{dB FS} \pm 1\text{dB}$ Dynamic range: 91dBA
O₂	Accuracy: $<2\%$ ppO ₂ , pressure $\pm 5\text{ mbar}$ Range: 0 – 25% O ₂
VOC's	VOC IAQ Index and ppm (bVOC) Range: 0 – 500 IAQ
CO₂	Accuracy: $\pm (30, +3\%) \text{ ppm}$ (typical) Range: 0 – 5,000 ppm
Plug-in gas sensors	Add up to 4 x plug-in gas sensors, including CH ₂ O, CO, NO ₂ , SO ₂ , H ₂ S etc

*Refer to enLink Air 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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