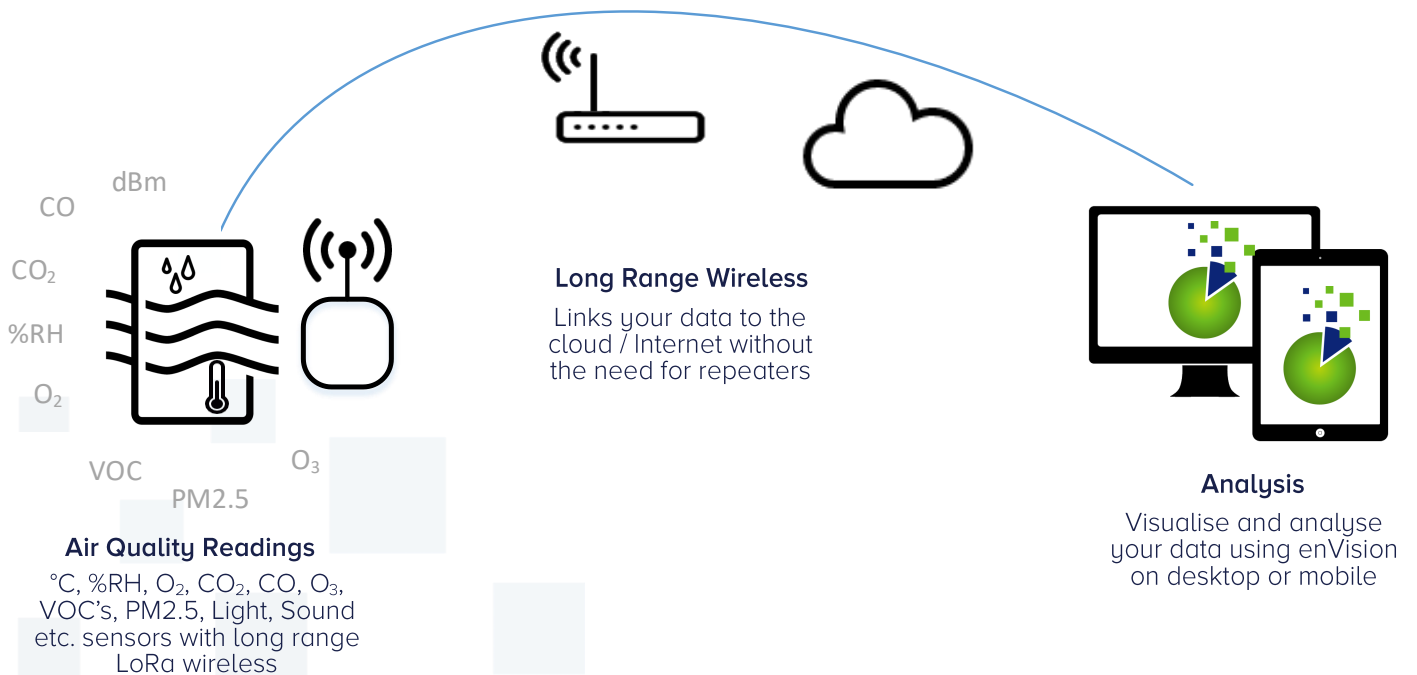# enLink

enLink *Air-X*

enLink Air-X wireless Air Quality Monitor is a precision instrument which accurately measures up to 14 key environmental parameters including Temperature, Humidity, Oxygen, Carbon Dioxide, Carbon Monoxide, VOC's, Ozone, Particulate Matter, Light Level and many more. Real-time readings are transmitted to the cloud using long range LoRa wireless, where the data can be visualised and analysed. Air-X is designed for outdoor monitoring applications.
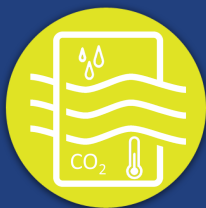

end to end from measurement to analysis

CO
dBm
CO_2
%RH
O_2
VOC
O_3
PM2.5

Long Range Wireless
Links your data to the cloud / Internet without the need for repeaters

Analysis
Visualise and analyse your data using enVision on desktop or mobile

Air Quality Readings
°C, %RH, O_2, CO_2, CO, O_3, VOC's, PM2.5, Light, Sound etc. sensors with long range LoRa wireless

Air Quality data is sent to the cloud via long range LoRa wireless. Data can be analysed using Synetica's enVision energy platform or other third party application.

enLink

Long range wireless Air Quality Monitor

LoRa™

enLink Air-X is an outdoor version of enLink Air and uses the latest optical gas sensing technologies to provide improved accuracy and dramatically extended sensor life expectancy with no drift. The optical O_2 and CO_2 sensors have a life expectancy of >5 years and >15 years respectively, compared with under 12 months for traditional sensors. All sensors are fully digital, factory calibrated devices.

enLink Air-X has long range LoRa™ wireless to transmit the data for up to 16km with deep in building penetration of 1—2 km without repeaters.

Data is received by any LoRaWAN™ compliant gateway to forward data to the Cloud or other application.

Sensor Options

- Temperature
- CO_2 Carbon Dioxide
- CO Carbon Monoxide
- NO_2 Nitrogen Dioxide
- PM2.5 Particulate Matter
- Pressure
- VOC's Volatile Organic Compounds

- Relative Humidity
- O_2 Oxygen
- O_3 Ozone
- Light Level
- Sound Level
- H_2S Hydrogen Sulphide
- Air Pollutants

* Many other gas types are available. Please see ENL-AIR Datasheet

Outdoor Rated

- Outdoor rated version of enLink Air.
- Mains powered with automatic air sampling fan.
- NEMA / IP24 enclosure 321mm x 244mm x 116mm.
- Pole mounting option available.

Long range LoRa wireless

- Up to 16 km range
- Deep in-building penetration 1 — 2 km
- LoRaWAN™ compliant

Simple setup

- One button press to configure
- Signal strength indicator
- Full configuration and monitoring via USB & LoRa

Contact Us

www.synetica.net   enlink@synetica.net