NETWORKED CO₂ MONITORING

- Features COZIR Optical IR Sensor
- 0 - 2,000/20,000 ppm (0 - 0.2/2%)
- Temp & RH outputs
- Low DC Power Consumption
- Solar Power Option
- 868MHz Radio Link
- Up to 2km range
- Internet Uplinks
- Web Application for Data Access

WIRELESS MESH

CO₂ SENSOR

Simplifying Environmental Monitoring
Monitoring CO\(_2\) inside or out is made simple by the new CO\(_2\) wireless system. Featuring the class leading COZIR optical sensor which measures ambient CO\(_2\) levels with accuracy and stability in the range of 0 - 20,000 or 2,000 ppm (0 - 2 or 0.2%), plus temperature and humidity and transmits the information wirelessly to an internet gateway (web logger) which stores the data on a cloud server and sends it in real time to your desktop, tablet or smart phone. The Envirologger gateway is a secure internet data logger that connects to internet cloud servers via broadband/ADSL or by cellular GPRS or 3G (option) and ensures your data is available anytime anywhere in real time.

Up to 80 sensors can be connected to each gateway and multiple gateways can be linked to provide a scalable solution for almost any application.

The CO\(_2\) sensors can be located up to 2km from the gateway even in a built up area and up to 20km if you have line of sight between the transmitter and gateway antennas.

The sensors and gateway run from a small plug in 12V transformer, or can be run on a batteries and/or small solar panel where mains power is unavailable.

- Optional LED display to show local CO\(_2\) levels
- Wall or post mount
- Mains, battery or solar power operated
- Auto baseline correction and calibration functions

Envirologger data on a PC, tablet or smart phone anytime.

**ENVIROLOGGER LTD**

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simplifying environmental monitoring