



- CO₂ monitor for use in cars, offices, public buildings, homes etc.
- Measurement range of 0 - 10,000ppm
- Non dispersive infrared sensing technology
- Digital display of carbon dioxide levels (ppm)
- Datalogging function when connected to a PC (software available online)
- Can be powered from PC (via USB), vehicle cigarette lighter or AC wall socket
- Supplied with USB cable and cigarette lighter connector

Application

SenseLife cam is a small, lightweight CO₂ monitor providing real time display of carbon dioxide levels in the ambient air. A clear LCD screen with strong visual indication gives you an accurate assessment of current air quality, along with current date and time.

Perfect for use in cars, offices, public buildings, homes and other indoor environments.

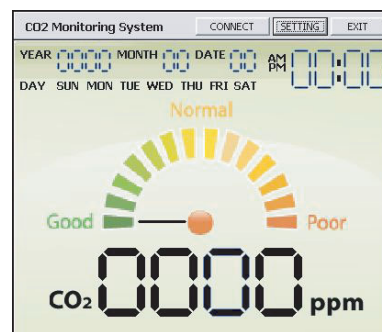
Operation

The SenseLife cam will start as soon as power is provided to the unit.

To set the date and time on the unit, press and hold the MODE button on the top. The year will flash and the ▲ and ▼ buttons can then be used to alter the value. Pressing MODE will then allow you to cycle through the remaining options.

Once you have finished, press and hold MODE again to set all values and return to normal operation.

To set up the datalogging function, please visit www.duomo.co.uk/datasheets/SenseLife_cam.zip and download the zip folder. Extract the contents and run the file 'CO₂_Monitor'.



Screenshot of the datalogger program that allows the cam to capture real time CO₂ data.

Specification

Storage temperature	-30 ~70°C
Operating temperature	-5 ~ 60°C
Operating humidity range	0 - 95% RH (non condensing)
Conformance	ROHS directive 2002/95EG
Dimensions (L x W x H)	90 x 90 x 93mm
Current consumption	60mA average
Warm up time	30secs.
Sensing method	Non-dispersive infrared (NDIR) technology with Automatic Background Compensation (ABC)
Sampling method	Diffusion
Measurement range	0 - 10,000ppm
Measurement interval	2 seconds
Precision	± 75ppm + 5% of measured value