



# Wireless CO<sub>2</sub> climate sensor

The Wireless Value DLCcl measures temperature, relative humidity and CO<sub>2</sub>. Its unique design allows this sensor to measure 3 values with a battery life of over 4 years. Measurement results are transmitted wirelessly to the base station where the data can be used for monitoring and analysis.

## Features

- Accurate wireless multi-measurement
- Battery life of almost 5 years
- Compatible with all Wireless Value base stations
- Transmission range 1,000 metres (unobstructed line of sight)

## Applications

- Indoor climate monitoring
- Monitoring of CO<sub>2</sub> values

## Specifications

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS enclosure
- Suitable for wall mounting
- Existing system can be easily expanded with additional sensors
- Battery replaceable by user

## The connected base station sends the sensor values to:

- Wirelessvalue.online (LAN or mobile provider)
- Wirelessvalue.online (for direct connection to climate computer)

# Wireless CO<sub>2</sub> climate sensor

## Technical specifications

<b>Model</b>	wireless module with built-in sensors
<b>Type</b>	temperature, relative humidity, CO <sub>2</sub>
<b>Sensor type</b>	integrated, digital
<b>Measurement range</b>	
<b>Temperature</b>	-20°C to +80°C (see operating limits)
<b>Relative humidity</b>	0% - 100%
<b>CO<sub>2</sub></b>	0 ppm to 10,000 ppm (validated at 2,000 ppm)
<b>Measurement accuracy</b>	
<b>Temperature</b>	± 0.1°C from 0°C to 60°C, otherwise ± 0.2°C
<b>Relative humidity</b>	± 1.5% RH from 0 to 80% RH; otherwise ± 2% RH
<b>CO<sub>2</sub></b>	± 50 ppm, ± 3% of the measured value
<b>Measurement resolution</b>	
<b>Temperature</b>	0.1
<b>Relative humidity</b>	0.1
<b>CO<sub>2</sub></b>	± 50 ppm, ± 3% of the measured value
<b>Measurement interval (M)</b>	adjustable between 1 second and 255 minutes, standard 2 minutes
<b>Operating limits</b>	-20°C to +80°C
<b>Power supply</b>	1 AA 3.6 V lithium battery
<b>Battery life</b>	up to 5 years at default setting for M
<b>Memory</b>	10,000 measurements
<b>Order code South America (Peru)</b>	WSW-DLCcl
<b>Frequency plan</b>	US902-928
<b>Frequency</b>	916,500 MHz
<b>Legislation</b>	RED, CE
<b>Range</b>	1,000 m with unobstructed line of sight
<b>Enclosure</b>	IP00
<b>Colour</b>	matte black, with optional accent colour
<b>Dimensions</b>	80 (w) x 175 (h) x 33 (d) mm
<b>Weight</b>	150 g (excluding battery)
<b>Configuration</b>	SensorGraph or Wirelessvalue.online

