Wireless indoor climate sensor (DLCco)

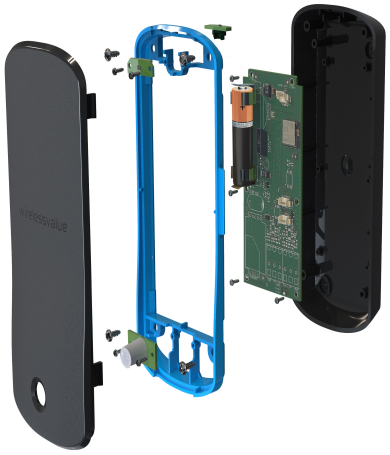


- Accurate wireless multi-detection
- Battery life of over 6 years
- Measures CO2, temperature, relative humidity, motion and light intensity
- Compatible with all Wireless Value Base Stations
- Transmission range 1,600 meters (clear line of sight)

wirelessvalue

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Description

DLCco

The Wireless Value DLCco measures temperature, relative humidity, CO2, light intensity (Lux) and motion. Its unique design allows this sensor to measure 5 parameters with a battery life of over 6 years. Measurement results are sent wirelessly to the Base Station where the data can be used for monitoring and analysis.

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS casing
- Suitable for wall mounting
- Existing system can easily be expanded with additional sensors
- Battery replaceable by user
- Unique network ID to avoid interference with other wireless systems

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DLCco

Specifications

General

Battery type	AA
Casing	IP00
Colour	Matte black, with optional accent colour
Battery life	At least 6 years
Model	Wireless module with built-in sensors
Type	Temperature, relative humidity, CO2, light intensity and motion

Measurement range

Temperature	-20°C to +80°C (see operating limits)
Relative humidity	0% - 100%
CO2	0 ppm to 10,000 ppm (validated at 2,000 ppm)
Lux	0 - 83,000
Motion	0/1
Operating limits	-20°C to +80°C
Signal range	1,600 meters with clear line of sight

Measurement accuracy

Temperature	± 0.3°C from -20°C to 80°C
Relative humidity	± 3% RH from 0 to 80% RH; otherwise ± 3.5% RH (at 25°C and 1 m/s airflow)
CO2	± 50 ppm, ± 3% of measured value
Lux	2% at > 40 lux; 5% at < 40 lux
Motion	0/1

Measurement resolution

Temperature	0.1
Relative humidity	0.1
CO2	1
Lux	0.01
Motion	1

Legislation and standards

RED (Radio Equipment Directive)	Yes

CE	Yes
EN 300 220	Yes

Technical specifications

Battery voltage	3.6V
IP rating	IP00
Memory	10,000 measurements

Dimensions

Housing dimensions	175 (l) x 80 (w) x 33 (d) mm
Weight	150 g (excluding battery)