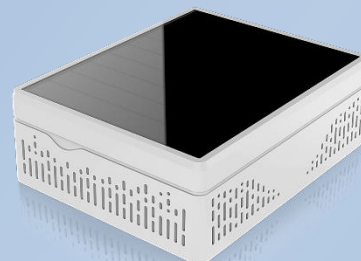


LD-CO2/A

Wireless CO2 Sensor

The LD-CO2/A is designed to measure and report levels of Carbon Dioxide, ambient temperature and relative humidity. During normal operation, the sensor is powered from ambient room light: in prolonged low light environments ensures continued operation for over 4 days of maintenance free operation.

This Wireless CO2 Sensor will send telegrams automatically the sampling rate is 20 min(adjustable).



GENERAL DATA

Power supply	Indoor light/Battery/External power
Operating temperature	-20°C to +60°C
CO2 measurement range	0~2550ppm ±25ppm@1000ppm
Temperature measurement range	0~51°C ±0.7°C
Humidity measurement range	0~100% RH
Sampling rate	60s/5min(linepower)/ 15min(default)/30min(adjustable)

MECHANICAL DATA

Dimensions	85x70x26mm
Material	PC, white
Installation	Pasted

ELECTRICAL DATA

Start-up time	2.5 min/400lx/25°C
Operating life in Darkness	4 days

WIRELESS DATA

Antenna	Internal
Radio technology	EnOcean, 868MHz
Modulation technology	ASK
Transmission range	300m free field, typ. 30m within buildings
EnOcean Equipment Profile (EEP)	A5-09-04



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