

DecentLAB

INDOOR AMBIANCE MONITOR



Decentlab GmbH
Überlandstrasse 129 8600 Dübendorf Switzerland
+41 44 809 35 90 mail@decentlab.com www.decentlab.com



DECENTLAB

CO₂ - TVOC - TEMPERATURE - HUMIDITY - PRESSURE - LIGHT - MOTION



SENSORS

CO₂

Range: 0 ... 10 000 ppm
Accuracy: ±50 ppm, ±3% of reading

Total volatile organic compounds
Range: 0 ... 60'000 ppb
Accuracy: typically 15% of measured value

Temperature
Range: -40 ... + 125 °C
Accuracy: ±0.3 °C

Humidity
Range: 0 ... 100% RH
Accuracy: ±2% RH

Barometric pressure
Range: 300 ... 1100 hPa
Accuracy: ±1 hPa absolute
±0.12 hPa relative

Ambient light intensity
Brightness indicator

Motion
PIR motion sensor measuring activity level

DEVICE

LoRaWAN™ class A
2 AA alkaline batteries
12 cm x 8 cm x 2.5 cm

APPLICATIONS

Building automation
Activity and visitor frequency monitoring
Energy and HVAC optimization
Shop and workplace comfort enhancement

