DECENTLAB

INDOOR AMBIANCE MONITOR
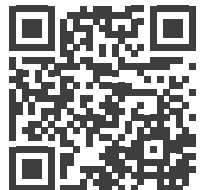
DECENTLAB

CO$_2$ - TVOC - TEMPERATURE - HUMIDITY - PRESSURE - LIGHT - MOTION

SENSORS

CO$_2$
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^{TM} 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

LoRaWAN™