INDOOR AMBIANCE MONITOR FOR LoRaWAN™

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DECENTLAB

CO2 - 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 ... 1'100 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

LoRaWAN™