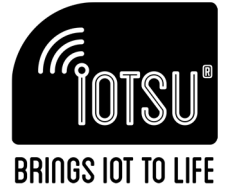


# IOTSU® L4 AQ08



Particulate Matter,  
Temperature,  
Humidity, CO<sub>2</sub>,  
& tVOC



## PRODUCT DESCRIPTION

IOTSU® L4 AQ08 sensor is a wireless indoor device designed for measuring and recording of changes in air quality. Air quality is assessed as a combination of particulate matter, temperature, humidity, and the concentration of carbon dioxide (CO<sub>2</sub>) and volatile organic compounds (tVOC).

The device can be mounted on any surface within the monitored building. Installation of this maintenance-free device is quick and easy. Transmission and measurement cycles can be adjusted according to the need.

IOTSU® L4 uses the global LoRaWAN network connection. There is no need for external power supply.

## TECHNICAL SPECIFICATIONS

**DIMENSIONS (LxWxH):** 40 x 125 x 125 mm

**WEIGHT:** 360g with battery

**SENSORS:** Particulate Matter, CO<sub>2</sub>, tVOC, Temperature, Humidity

**TRANSMISSION CYCLE:** 2h, adjustable

**MEASUREMENT CYCLE:** Transmission cycle/ 4

**CONNECTIVITY:** LoRaWAN

**BATTERY:** D, 3.6V, lifetime with default settings 2.5 years, replaceable

**IP CLASS:** IP20

**OPERATING CONDITIONS:** 10°C to 40°C, Relative humidity 20-80% (Non-condensing)

**TYPICAL ACCURACY:** Temperature: ±0.2°C  
Humidity: ±2%, CO<sub>2</sub>: ±(30ppm + 3% of reading)  
tVOC: ±15%, PM<sub>2.5</sub>: ± 10µg/m<sup>3</sup>, PM<sub>10</sub>: ± 25µg/m<sup>3</sup>

**CERTIFICATIONS:** CE

**MOUNTING:** Adhesive tape

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