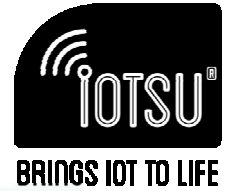
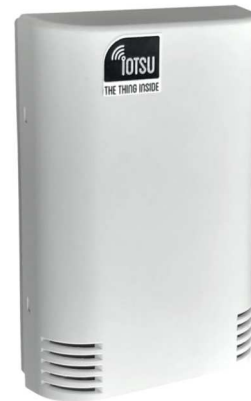


# IOTSU® L2 AQ01



Temperature,  
Humidity, CO<sub>2</sub>,  
& VOC



## PRODUCT DESCRIPTION

IOTSU® CO<sub>2</sub> & VOC sensor is a compact wireless indoor device that is designed for measuring and recording of changes in air quality for statistical analysis or monitoring purposes. Air quality is assessed as a combination of temperature, humidity, the concentration of carbon dioxide and the concentration of volatile organic compound (VOC). The measured data can be viewed effortlessly from the cloud.

The device is easy to integrate into IOTSU® smart platform to visualise and analyse the results. The smart platform can be configured to alert the user if the air quality exceeds a configurable use-specific threshold value. Transmission and measurement cycles can be adjusted according to the need. This affects the battery life.

IOTSU® smart platform supports configurable SMS and email alarms. The smart platform is also straightforward to integrate into other systems and processes. The device can be mounted on any surface within the monitored building. Installation of this maintenance-free device is quick and easy.

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

## TECHNICAL SPECIFICATIONS

**DIMENSIONS (LxWxH):** 80 x 120 x 35 mm

**WEIGHT:** 170g with battery

**SENSORS:** CO<sub>2</sub>, VOC, Temperature, Humidity

**TRANSMISSION CYCLE:** 2h, adjustable

**MEASUREMENT CYCLE:** Transmission cycle/ 4

**CONNECTIVITY:** LoRaWAN

**BATTERY:** 3.6V, lifetime with default settings 5 years, replaceable

**IP CLASS:** IP30

**OPERATING CONDITIONS:** 0°C to +50°C,  
Relative humidity ≤85% (Non-condensing)

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

**CERTIFICATIONS:** CE

**MOUNTING:** Screws, adhesive tape

Rev 1.0\_17<sup>th</sup>Oct 2019