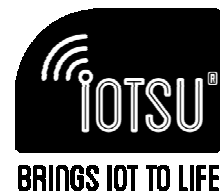


# IOTSU® S1 AQ05



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



## PRODUCT DESCRIPTION

IOTSU® CO<sub>2</sub> sensor is a compact wireless indoor device that measures the concentration of carbon dioxide. IOTSU® is designed for measuring and recording of changes in air quality for statistical analysis or monitoring purposes. The measured data can be viewed effortlessly from the cloud.

IOTSU® 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 concentration of carbon dioxide 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 Sigfox network connection. There is no need for external power supply.

## TECHNICAL SPECIFICATIONS

**DIMENSIONS (LxWxH):** 76 x 76 x 30 mm

**WEIGHT:** 92g with battery

**SENSORS:** CO<sub>2</sub> (0 – 5000 ppm), Temperature, Humidity

**TRANSMISSION CYCLE:** 2h, adjustable

**MEASUREMENT CYCLE:** 30min, adjustable

**TRANSMIT POWER:** 25mW (14dBm)

**TRANSMISSION CYCLE:** Configurable, alerts

**CONNECTIVITY:** Sigfox RC1

**BATTERY:** 3.6V, lifetime with default settings 3 years, replaceable

**OPERATING TEMPERATURE:** 0°C to +50°C

**MOUNTING:** Adhesive tape



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