

IOTSU® S1 AQX1



Temperature,
Humidity, CO₂,
& tVOC



PRODUCT DESCRIPTION

IOTSU® AQX1 sensor is a wireless indoor device that measures air quality. Air quality is assessed as a combination of temperature, humidity, the concentration of carbon dioxide and the concentration of volatile organic compound (VOC). Volatile organic compounds are evaporated particles in air from an array of sources some of which may have an effect on an individual's health or comfort.

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® uses the 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: CO₂ (0 – 5000 ppm), VOC, Temperature, Humidity

TRANSMISSION CYCLE: 2h, adjustable

MEASUREMENT CYCLE: 30min, adjustable

TRANSMIT POWER: 25mW (14dBm)

TRANSMISSION CYCLE: Configurable, alerts

CONNECTIVITY: Sigfox RC1

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

OPERATING TEMPERATURE: 0°C to +50°C

MOUNTING: Adhesive tape

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