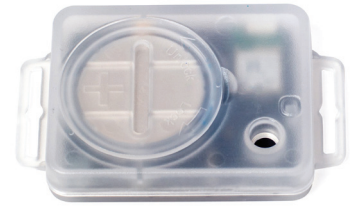


DATASHEET

S-2CONNECT[®] Sense

SPEED TO CONNECT



Bluetooth Low Energy (BLE) tag with Integral Sensors

S-2CONNECT Sense is designed to record temperature, humidity and impact data and transfer the data to the nearest S-2CONNECT Hub.

A long battery life time and ruggedized IP65 enclosure makes the tag ideal for asset and environment monitoring.

S-2CONNECT Sense features three integral sensors can track, sense and monitor products, equipment, vehicles and environments through a single tag.

3 in 1 Sensor Solution:

- ✔ **Temperature Sensor**
- ✔ **Humidity Sensor**
- ✔ **Accelerometer Sensor**

Applications



Cold Chain



Asset Tracking



Healthcare



Smart Home



Global Coverage

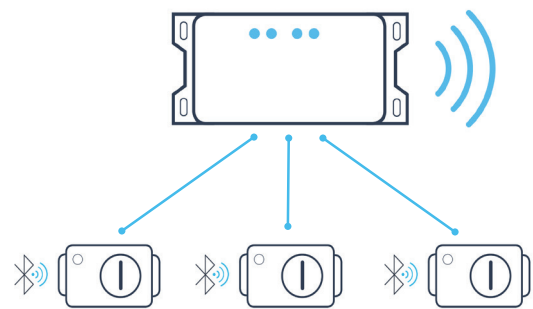


S-2CONNECT Portal

Key Benefits

- Bluetooth Low Energy
- Long Battery Life
- Compact design
- V4.2, Compliant BLE5
- Integral sensors

S-2CONNECT Sense devices can connect to the S-2CONNECT Hub device. Up to eight Sense tags can be paired with a single Hub.



S-2CONNECT[®] Sense

SPEED TO CONNECT

TECHNICAL SPECIFICATIONS

Communication	BLE	BLE v4.2, compliant v5
Frequency Bands	BLE	2.4 GHz
Electrical Properties	Current Consumption Battery Processor Memory/flash Battery Life	35uA beaconing every sec CR2450 ARM Cortex M4 256kB / 8MB >1 year (at 25°C, 5min reporting cycle)
Sensors Accuracy	Temperature Humidity Accelerometer Light	-20°C to +85°C (+/-0.3°C) 0 - 100% Rh (+/-2% Rh) +/-2g (+/-2mg/LSB) Dark/Light sensing*
Mechanical Properties	Enclosure IP Enclosure Colour Outer Dimensions Weight Operating Temperature LED	IP65 Transparent or White Option 33.0mm x 64.5mm x 9.5mm 17g (without battery) -20°C to +85°C Alarm
Software Properties	Firmware protocols	Zephyr RTOS

*Transparent version only