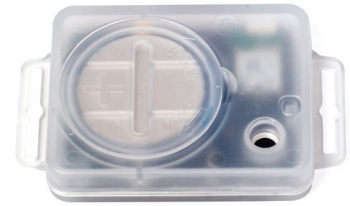


# DATASHEET

## S-2CONNECT<sup>®</sup> 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 four integral sensors that can track, sense and monitor products, equipment, vehicles and environments.

#### 4 in 1 Sensor Solution:

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

#### Applications



Cold Chain



Asset Tracking



Healthcare



Smart Home



Global Coverage

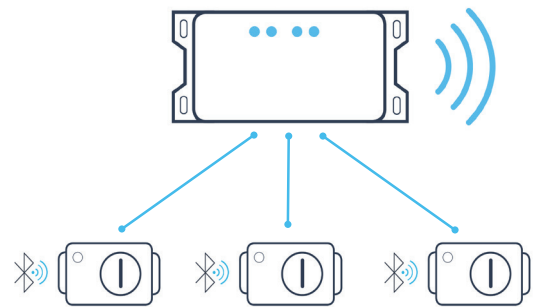


S-2CONNECT Portal

#### Key Benefits

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

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



# S-2CONNECT<sup>®</sup> Sense

## SPEED TO CONNECT

### TECHNICAL SPECIFICATIONS

<b>Communication</b>	BLE	BLE v4.2, compliant v5
<b>Frequency Bands</b>	BLE	2.4 GHz
<b>Electrical Properties</b>	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)
<b>Sensors Accuracy</b>	Temperature Humidity Accelerometer Light	-20°C to +85°C (+/-0.3°C) 0 - 100% Rh (+/-2% Rh) +/-2g (+/-2mg/LSB) Dark/Light sensing*
<b>Mechanical Properties</b>	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
<b>Software Properties</b>	Firmware protocols	Zephyr RTOS

\*Transparent version only