

S-2CONNECT Sense



SPEED TO CONNECT

Features:

- Bluetooth Low Energy
- Long Battery Life
- Slimmed Size
- V4.2, Compliant BLE5
- Temperature
- Humidity
- Accelerometer

Markets:

- Cold chain
- Asset monitoring
- Environment monitoring
- Smart Home



Description:

S-2CONNECT Sense is a Bluetooth Low Energy (BLE) tag designed to record temperature, humidity and impact data. It uses BLE to transfer the information to the nearest S-2CONNECT Hub. A long battery life time and ruggedized enclosure (IP65) makes it suitable for asset monitoring.

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 enclosure only