



S-track Sense

S-track Sense is a Bluetooth tag designed to record temperature, humidity and impact data. It uses BLE to transfer the information via beacon or mesh technology to the nearest gateway. A long battery life time and ruggedized enclosure (IP65) makes it suitable for cold chain monitoring. Easy programming and activation is enabled by NFC technology.



Features

- Bluetooth Low energy
- Long battery life
- Slimmed size
- V4.2, compliant BLE5
- Temperature
- Humidity
- Accelerometer
- NFC-A
- Mesh capabilities*

Markets

- Cold chain monitoring
- Asset monitoring

Description	Part Name	S-track Sense
	Market	Sensor tag
Communication	Bluetooth NFC Antenna	BLE v4.2, compliant v5 Internal
Frequency bands	Bluetooth NFC	2.4 GHz 13.56 MHz
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)
Interface/Connectors	NFC	A
Sensors accuracy	Temperature Humidity Accelerometer	-40°C to +85°C (+/-0.3°C) 0 - 100% Rh (+/-2% Rh) +/-2g (+/-2mg/LSB)
Mechanical properties	Enclosure Outer dimensions Weight Operating temperature LED's	IP65 33.0mm x 64.5mm x 9.5mm 17g (without battery) -40°C to +85°C Alarm
Software properties	Firmware protocols	Smart Basic