



#### Superfy Software Platform

Ingest and manage all your asset data through the Superfy Software Platform

## AssetTrack BLE-S for Asset Tracking and Sensing

The **Superfy AssetTrack BLE-S** is a compact asset tracking and sensing solution for monitoring the location and condition of assets at all times.

Ideal for tracking moveable assets, the lightweight enclosure device has a long lifetime battery and wide Bluetooth connectivity range.

With an easy configuration and integration to the Superfy App on a mobile handset, the low cost device is designed to save time and resources while ensuring a timely traceability and control functionality for key assets.

Multiple sensors provide additional condition detection and traceability capability, including temperature and humidity monitoring for perishable assets, door open and close detection for asset protection, movement detection for fragile assets, as well as tilt detection for waste and recycling containers.

Application areas include waste and recycling containers, trailer and shipping containers, valuable or fragile assets in transit, as well as warehouse logistics tracking.

### Key Features

- Up to 80 m line of sight Bluetooth connectivity range
- Multiple sensors for asset condition monitoring
- Mobile app for ease of use and configuration
- Long lifetime battery of 5+ years
- Robust waterproof enclosure

**Wide tracking range**  
Bluetooth connectivity

**Long Lifetime**  
5+ year battery

**Multiple Sensors**  
Temperature, humidity, movement, magnet

**Robust Waterproof Enclosure**  
IP67 Rated Enclosure

**Ease of Use**  
Simple configuration with Superfy App



# AssetTrack BLE-S

## for Asset Tracking and Sensing

### SPECIFICATIONS

#### Sensors

<b>Capability</b>	Beacon ID, Temperature, Humidity, Accelerometer, Magnet detection
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#### Connectivity

<b>Bluetooth</b>	Bluetooth 4.2 compliant, Bluetooth 5.2 certified
<b>Range</b>	Up to 80 m line of sight (range can vary, depending on environment)
<b>Available transmission power levels</b>	Up to 8 dBm
<b>Sensitivity</b>	-88 dBm
<b>Protocols compatibility</b>	iBeacon

#### Electronic

<b>Microcontroller</b>	ST Microelectronics BlueNRG-2
<b>Quartz Crystals</b>	32.768 kHz, 16 MHz
<b>Bluetooth operating frequency</b>	2.402 - 2.480 GHz
<b>Bluetooth antenna gain (peak)</b>	1.2dBi

#### Physical

<b>Dimensions</b>	57 mm x 38 mm x 13 mm
<b>IP Rating</b>	IP67
<b>Weight</b>	18 g
<b>Mounting</b>	Two holes to screw/leash/strip, tape

#### Power

<b>Battery</b>	CR2450 - Lithium, Manganese Dioxide (Li/MnO <sub>2</sub> ), 600 mAh (Non replaceable)
<b>Battery life</b>	(Tx=2 dBm; interval: 3 s) - 2.5+ years
	(Tx=2 dBm; interval: 5 s) - 4+ years (Default)
	(Tx=2 dBm; interval: 10 s) - 5+ years

#### Environmental

<b>Humidity (non-condensing)</b>	From 0% to 100%
<b>Operational temperature**</b>	-20°C / +60°C (-4°F / +140°F)

#### Certifications

<b>Certifications</b>	CE RED (EU), FCC (USA), UKCA (UK), RoHS, E-mark, ANATEL
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\* Possible to have -40°C / +85°C (-40°F / +185°F)

#### Typical Applications



Waste and Recycle Bins



Trailer Tracking



Sea Containers



Valuable Assets



Anti-theft & Backup Solution



Construction