superfy

AssetTrack BLE
for Asset Tracking

The **Superfy AssetTrack BLE** is a compact asset tracking solution for monitoring the location 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 ensuing a timely traceability and control functionality for key assets.

Application areas include waste and recycling, trailer and shipping containers, construction equipment, as well as manufacturing and production tracking.

Key Features

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

SMARTPHONE APPLICATION FOR EASY USE

Superfy Software Platform
Ingest and manage your assets through the Superfy Software Platform

Long Lifetime
5+ year battery

Wide tracking range
Bluetooth connectivity

Robust Waterproof Enclosure
IP67 Rated Enclosure

Ease of Use
Simple configuration with Superfy App

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AssetTrack BLE
BLE IDENTIFICATION BEACON
MAC 7ED9F403B2D9

superfy.com

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SPECIFICATIONS

Sensors

Capability	Beacon ID

Connectivity

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

Protocols compatibility

	iBeacon

Electronic

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

Physical

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

Power

Battery	CR2450 - Lithium, Manganese Dioxide (Li/MnO2), 600 mAh (Non replaceable)
	Battery life (Tx=2 dBm; interval: 3 s) - 4+ years
	Battery life (Tx=2 dBm; interval: 5 s) - 8+ years (Default)
	Battery life (Tx=2 dBm; interval: 10 s) - 10+ years

Environmental

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

Certifications

	CE RED (EU), FCC (USA), UKCA (UK), RoHS, E-mark, ANATEL

* 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 |