



TRACK Solar

SOLAR POWERED ASSET TRACKING



World-friendly IoT

TRACK ABOUT Solar



Track Anything, Anywhere.

The TRACK Solar is specifically designed for tracking objects such as crates, containers, and trolleys. It features industry-leading water and dust resistance, with a built-in solar panel positioned inside the casing and protected by a transparent lid to ensure maximum durability and waterproofing. This advanced device operates fully autonomously, requiring no battery servicing or replacements, and delivers a runtime of five years or more.

Who We Are



**World
leaders in
supply chain
tracking
solutions.**

SODAQ specializes in creating low-power tracking & sensing solutions and powering them with the energy we harvest from the environment. With our solutions, we aim to tackle some of the biggest challenges our world is facing.

With a decade of experience, we're among the first in the world to design low-power B2B IoT solutions, for large-scale production. Our offering includes Hardware, Software and Industrial Design solutions for supply chains.

Our drive for creating products and services that are world-friendly will play an increasingly important role in improving efficiency, reducing waste, and mitigating risks in our client's business cases, which on a global scale creates a compounding positive impact.



Active Tracking
Cell, GPS



Over-The-Air
Updates



Motion-based
Notifications





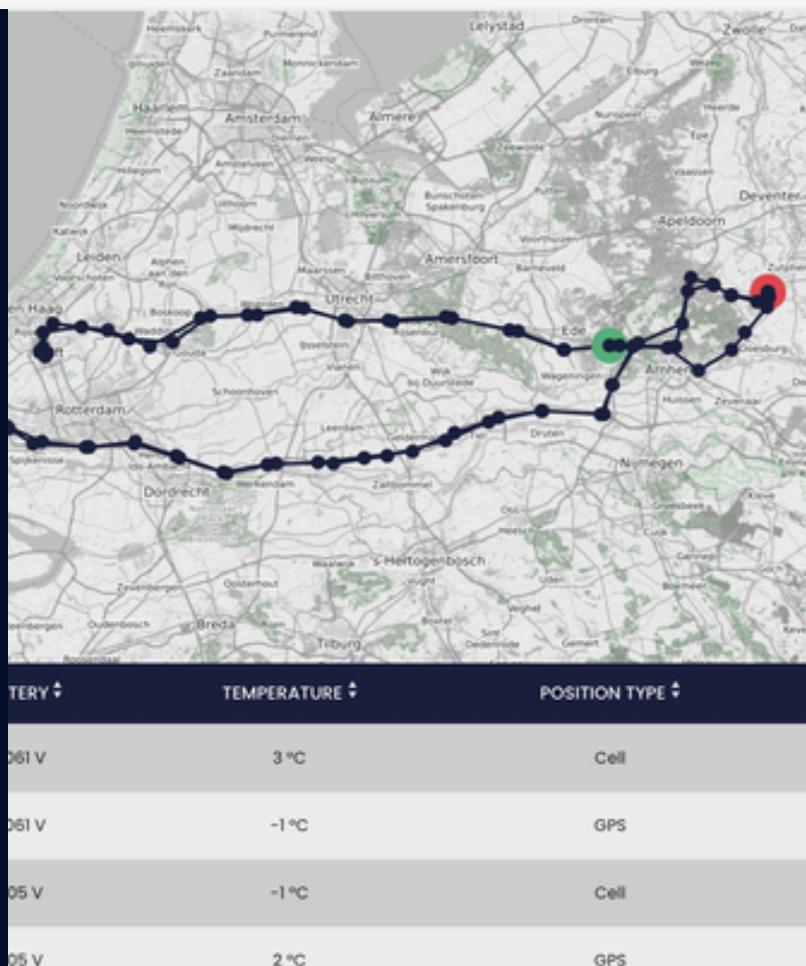
SODAQ
always
starts with
a **pilot**
project.



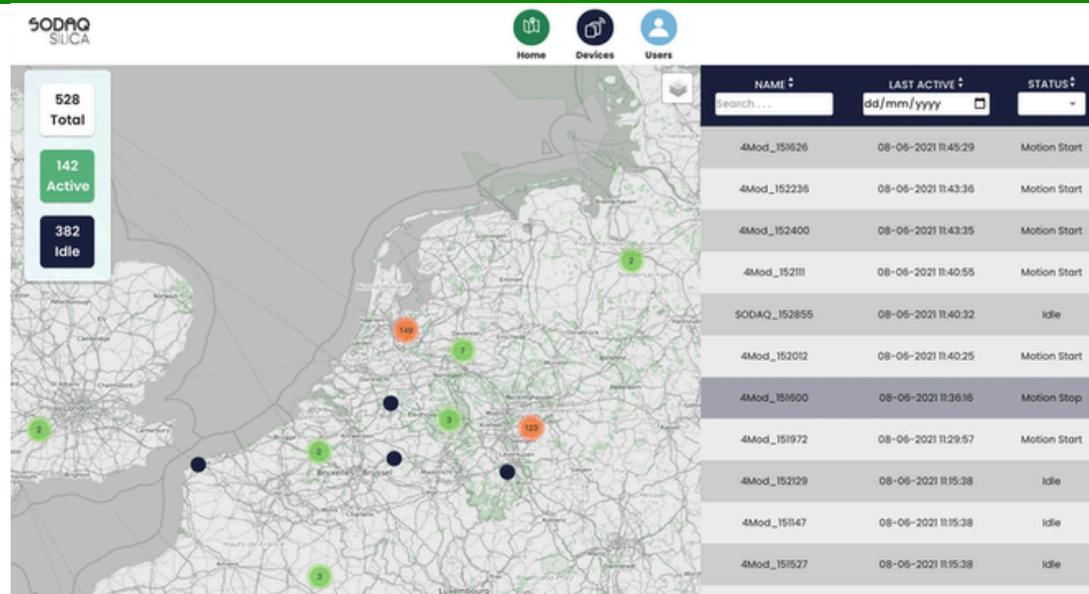
How the pilot project works

We suggest setting up a pilot with for example 100 units in combination with our AWS back end and Silica front end. The purpose of the pilot is to see the actual product in action and to determine a potential follow up.

This could entail setting the details, potentially customizing software settings and possibly an API connection or direct IP set up.



The SODAQ dashboard is **platform agnostic**, meaning we can show **your assets** through SODAQ's Silica Dashboard, or your home platform.



TRACK Solar Key Features

IP68: complete protection against dust and water.

Operational for 5+ years without maintenance.

Durable in extreme cold and heat. The solar panel is inside the enclosure to protect against the environment.

Optional BLE to connect to sensors inside & outside.



Technical Details



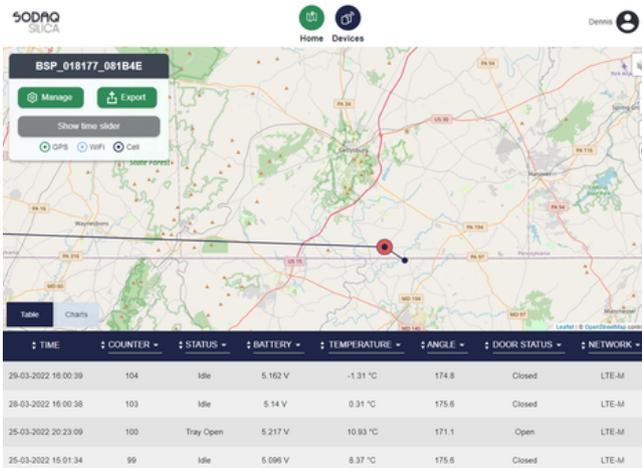
2MB flash memory



Over 5 years lifespan

Feature	Description
Communication	Nordic NRF91 (LTE-M/NB-IoT) Bluetooth 5.0 (optional)
Dimensions	140 x 88 x 34 mm (without flanges) 162 x 88 x 46 mm (with flanges) 230 grams
Power	0.6W Solar Panel 2400 mAh LiFePO4 battery,
Positioning	GPS (5-100m accuracy) WiFi (indoor 50-100m accuracy) Cellular (100m-1km accuracy)
Operating Conditions	Regular Operations: - 20 to + 60 °C
Certifications	IP68 (dust,water & impact resistant) FCC & PTCRB (pending) CE RED
Options	External sensors can be added as a custom feature

Sensors



3-Axis Accelerometer
(motion)



Temperature Sensor



Mounting
screw bracket

Contact Us

 Email

sales@sodaq.com

 Phone

+31 35 300 0301

 Location

The Netherlands