GPS / SIGFOX TRACKER
MODEL C

((((CAPTURS®

Technical Characteristics

- **Technical Characteristics**

- Weight : 60g.

- Size : 75x75x35 mm.

- Waterproof / dustproof : IP67 (IEC60529) - ASA material UV & weather resistant.

- Power supply : Non rechargeable CR123 lithium battery (replaceable).

- Ultra high autonomy radio transceiver on Low-Power-Wide-Area-Network SIGFOX.

- Data recording: Path and GPS data recorded in the tracker for offline export (max precision 1 position/20s) - **option**.

- Radio frequency ISM band - 868 MHz - Sigfox Class 0u certified - Maximum measured radiation value (ERP) : 15.50 dBm

- Movement detection through 3 axis accelerometer.

- Alerts: custom Email / SMS alerts (movement, geofencing, temperature, batterie...).

- Temperature sensor.

- Bulk alerts setup from CSV file.

- Export format : .GPX, .CSV.

- API: allows using raw data from the tracker in a third party system.

- Beacon system for indoor positioning - **option**

- NFC tag for identification - **option**

- Sigfox coverage : http://www.sigfox.com/coverage - Possiblity to install local connectivity / coverage.

- Auto sync of recorded data with the cloud (Capturs Connect) - **option**.

- Operates in the following Sigfox Zone 1 countries :

  Austria, Belgium, Botswana, Bulgaria, Cote d'Ivoire, Croatia, Czech Republic, Denmark, Estonia, Finland, France, French Guiana, Germany, Greece, Guadeloupe, Hungary, Ireland, Italy, Kenya, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Martinique, Mauritius, Mayotte, Netherlands, New Caledonia, Nicaragua, Nigeria, Norway, Oman, Poland, Portugal, Reunion, Romania, Saint Lucia, Saudi Arabia, Senegal, Serbia, Slovakia, Slovenia, South Africa, Spain, Swaziland, Sweden, Switzerland, United Arab Emirates, United Kingdom.

Battery life

- Battery life

Use	Medium battery life
1 position per day	3.5 years
In motion 1 hour per day	1 year
In motion 6 hours per day	3 months

The autonomy may vary depending on the weather conditions and the position (indoor or outdoor).

Features

- Features

GPS / Radio Live Tracking
Live positions are sent on internet every 15 minutes (trace precision 1 position / 5min). Follow trackers on Capturs SaaS platform desktop or mobile. Triple geolocation system : GPS ; Sigfox Atlas radio triangulation ; local beacon (option).

SIGFOX Network
Capturs relies on the Ultra-Narrow-Band Sigfox network and works without any infrastructure. Sigfox deploys a worldwide low-power network dedicated to Internet of Things, offering ultra high autonomy and low operating costs.

Beacon for indoor tracking
Deep indoor tracking without GPS with the exclusive Capturs beacon system, allowing to track people indoor with 5 m accuracy (option).

Autonomy
From several weeks to several months, depending on your activities and on the GPS settings. Email is sent when battery is low.

Data Export
Positions and tracks are recorded in the tracker (up to 1 point / 20 sec) for offline export on .GPX format (option).

Size / Weight
75x75x35 mm, 60 grams. Capturs is compact, elegant and easy to fix.

API
Use the raw data sent by Capturs tracker on a third-party system (ERP, mapping system...) using the Capturs Rest API.

Customizable casing
Possibility of manufacturing on purpose enclosure, adapted to specific products form factors or to the regulatory requirements (ATEX...).

Many mounting options
Several fixing possibilities like : pole mount bracket / hose clamp, screws, neodymium magnet, Rubber feet, bouble-face adhesive tape...

Temperature / Altitude
The tracker has a built-in temperature sensor and records all temperatures, useful for cold chain monitoring. Altitude is also provided using the GPS.

IP67 Waterproof/Dustproof/Weather-resistant
IEC60529 IP67 : No ingress of dust; complete protection against contact (dust tight). No ingress of water when submerged up to a depth of 1 meter for 30 minutes. UV resistant, durable ASA material. Recommended for outdoors.

No infrastructure needed
Capturs is standalone and easy to use. No phone, no SIM card or no synchronization needed.

Typical Usecases
Returnable Assets tracking (pallets, crates, cylinders...), fleet monitoring, industrial tooling management, leasing...
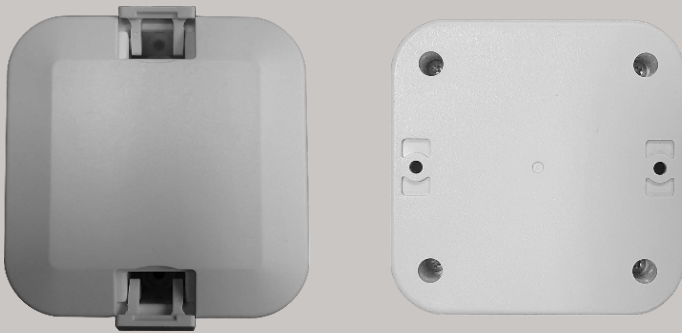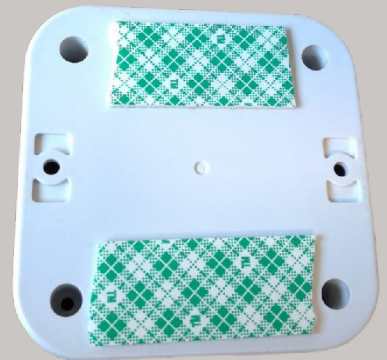
Certifications

- Certifications

CE ♻ RoHS sigfox ready Class 0

Mounting options
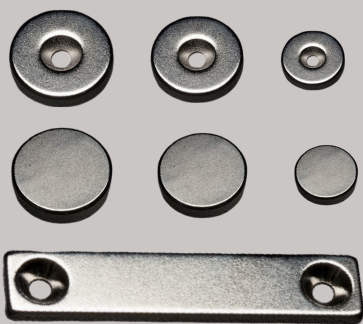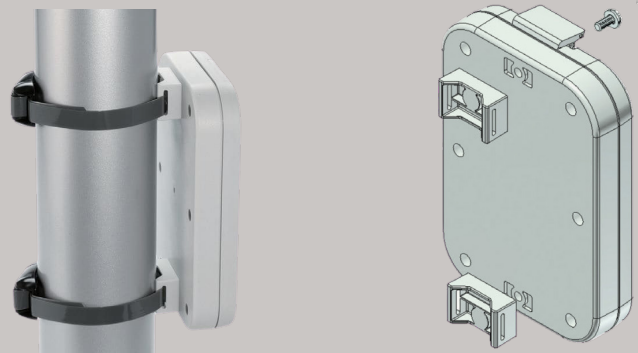
- Mounting Options

The enclosure

Double-face adhesive tape

Neodymium magnet
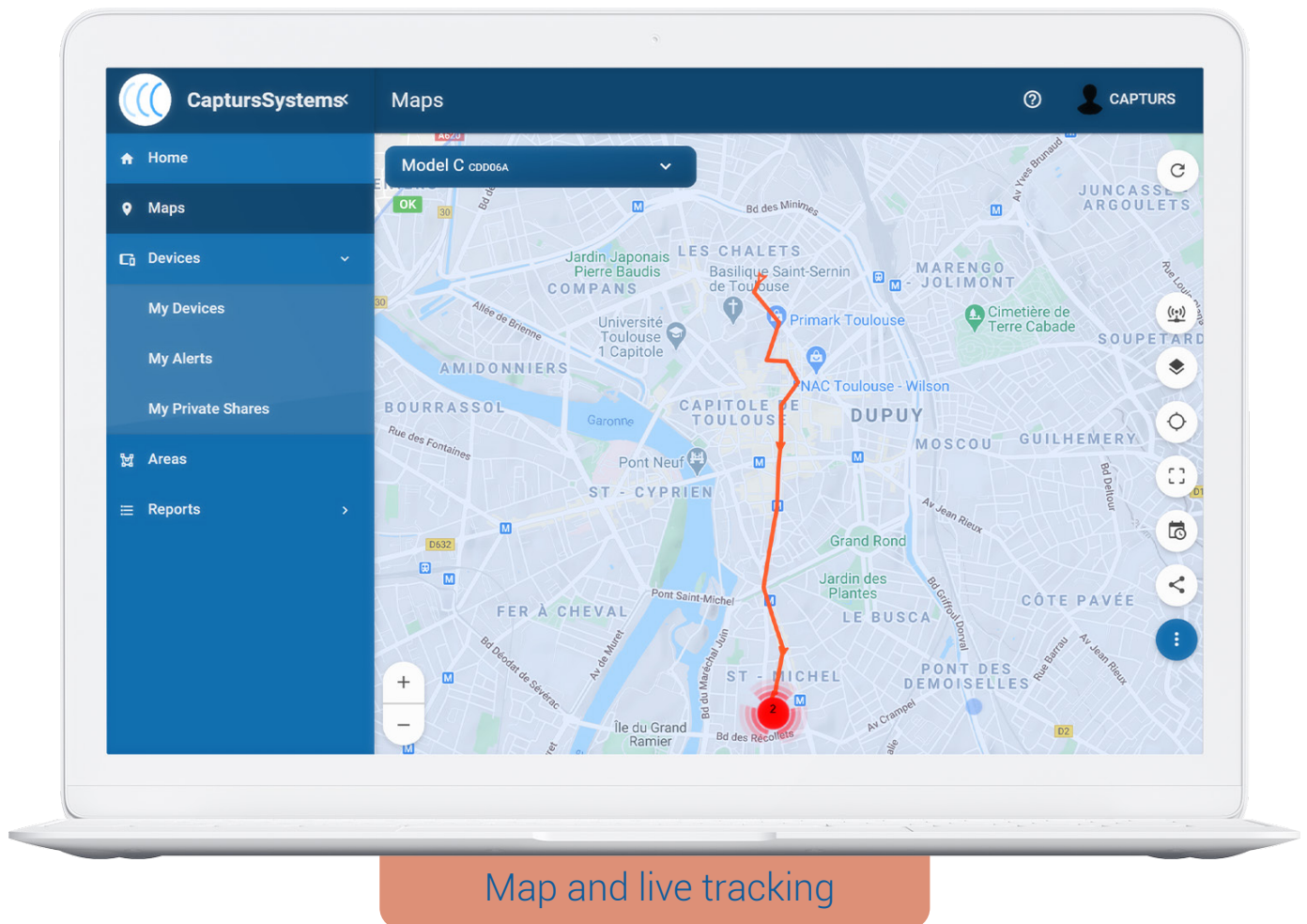
Pole mount bracket / horse clamp
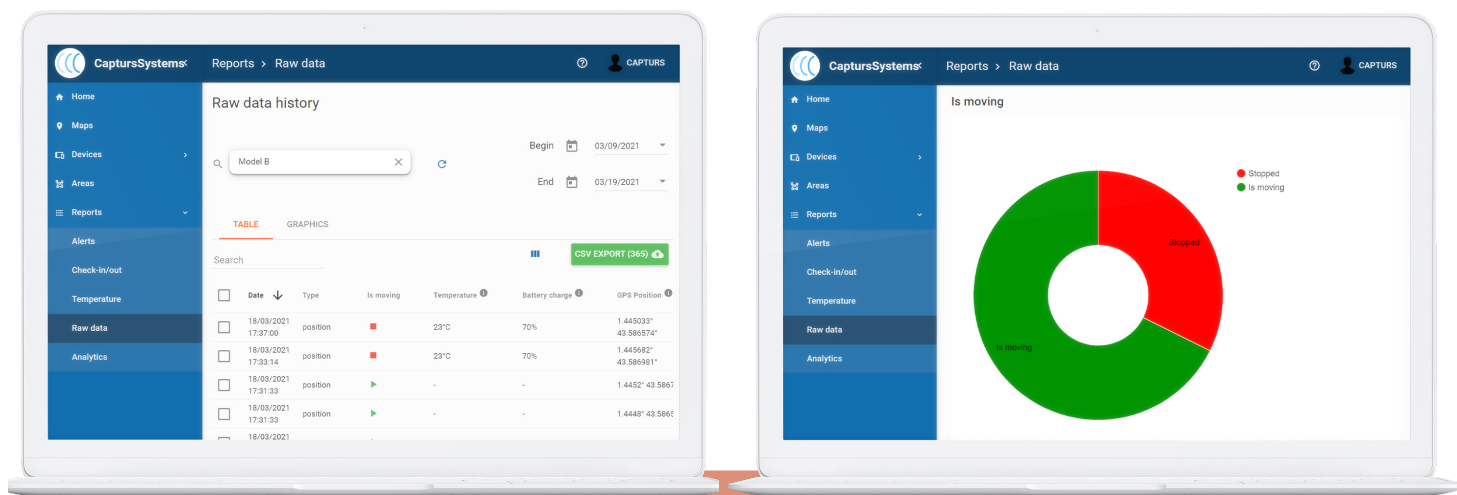
Rubber feet

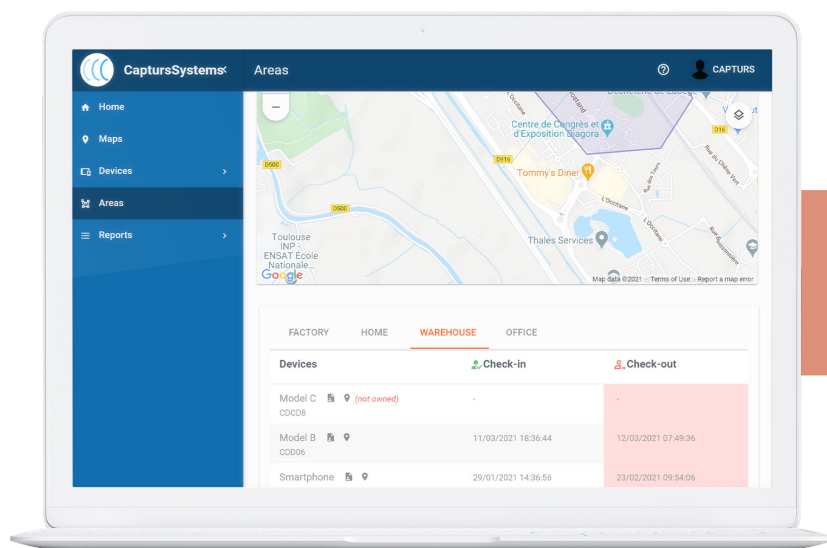# Online platform
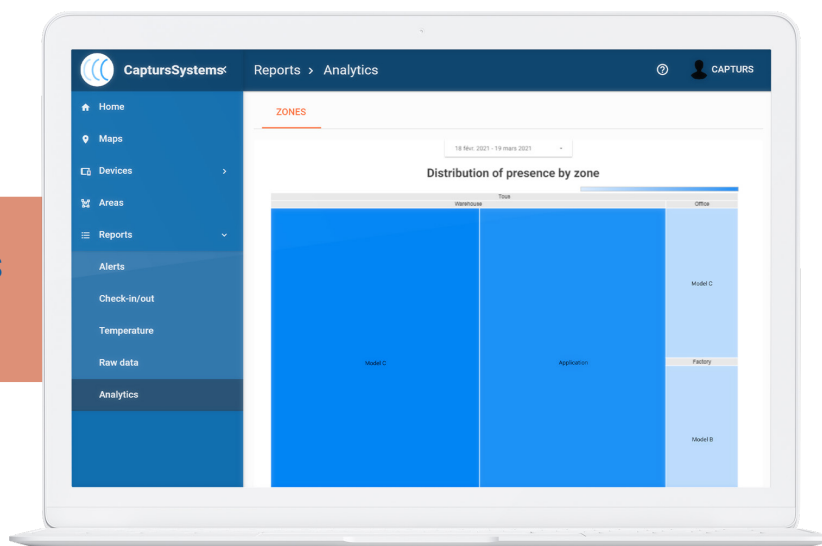
- Online platform

Map and live tracking

Custom dashboards

Advanced dashboards
and analytics

Smart geofencing
system

© Capturs SAS