

GPS / SIGFOX TRACKER ASSET TAG

wavebit




Technical Characteristics

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- 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.
- 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.
- 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.
- Sigfox coverage :
<https://coverage.heliotgroup.com/>
- Radio frequency ISM band - 868 MHz - Sigfox Class 0u certified - Maximum measured radiation value (ERP) : 15.50 dBm

Features

- Features



GPS / Radio Live Tracking

Live positions are sent on internet every 10 minutes (trace precision 1 position / 3 min). Follow trackers on Wavebit SaaS platform desktop or mobile.

Double geolocation system : GPS ; Sigfox Atlas radio triangulation.



SIGFOX Network

Wavebit 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.



Autonomy

From several weeks to several months, depending on your activities.

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.





Size / Weight


75x75x35 mm, 60 grams. The asset tag is compact, elegant and easy to fix.

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

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

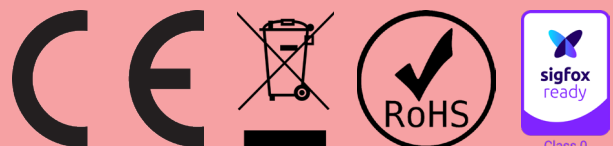
 **Temperature / Altitude**
The tracker has a built-in temperature sensor and records all temperatures, useful for cold chain monitoring. Altitude is also provided using the GPS.

 **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**
Wavebit is standalone and easy to use. No phone, no SIM card or no

Certifications

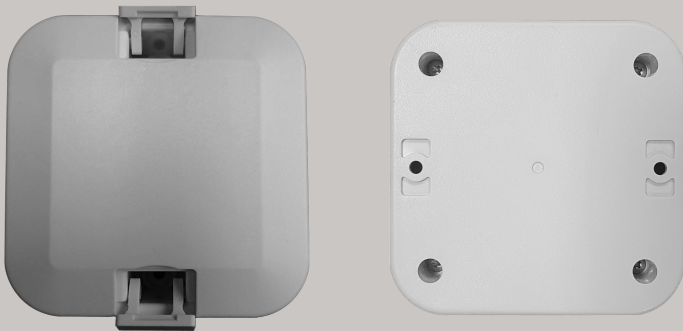
- Certifications



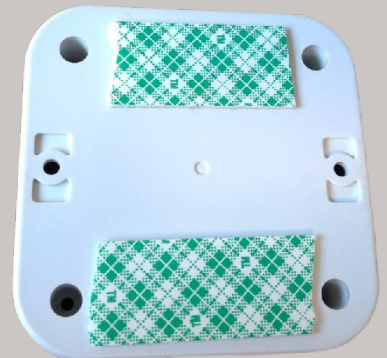
Mounting options

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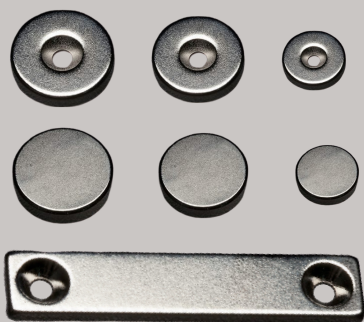
The enclosure



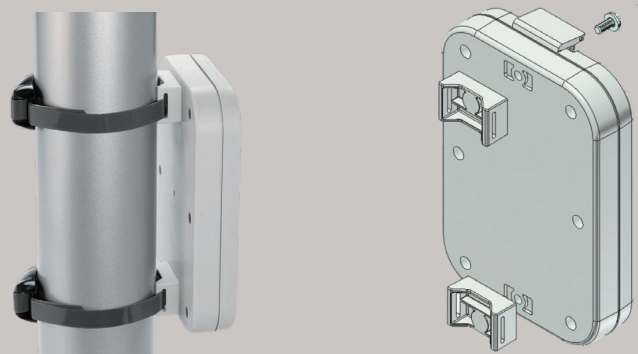
Double-face adhesive tape



Neodymium magnet



Pole mount bracket / horse

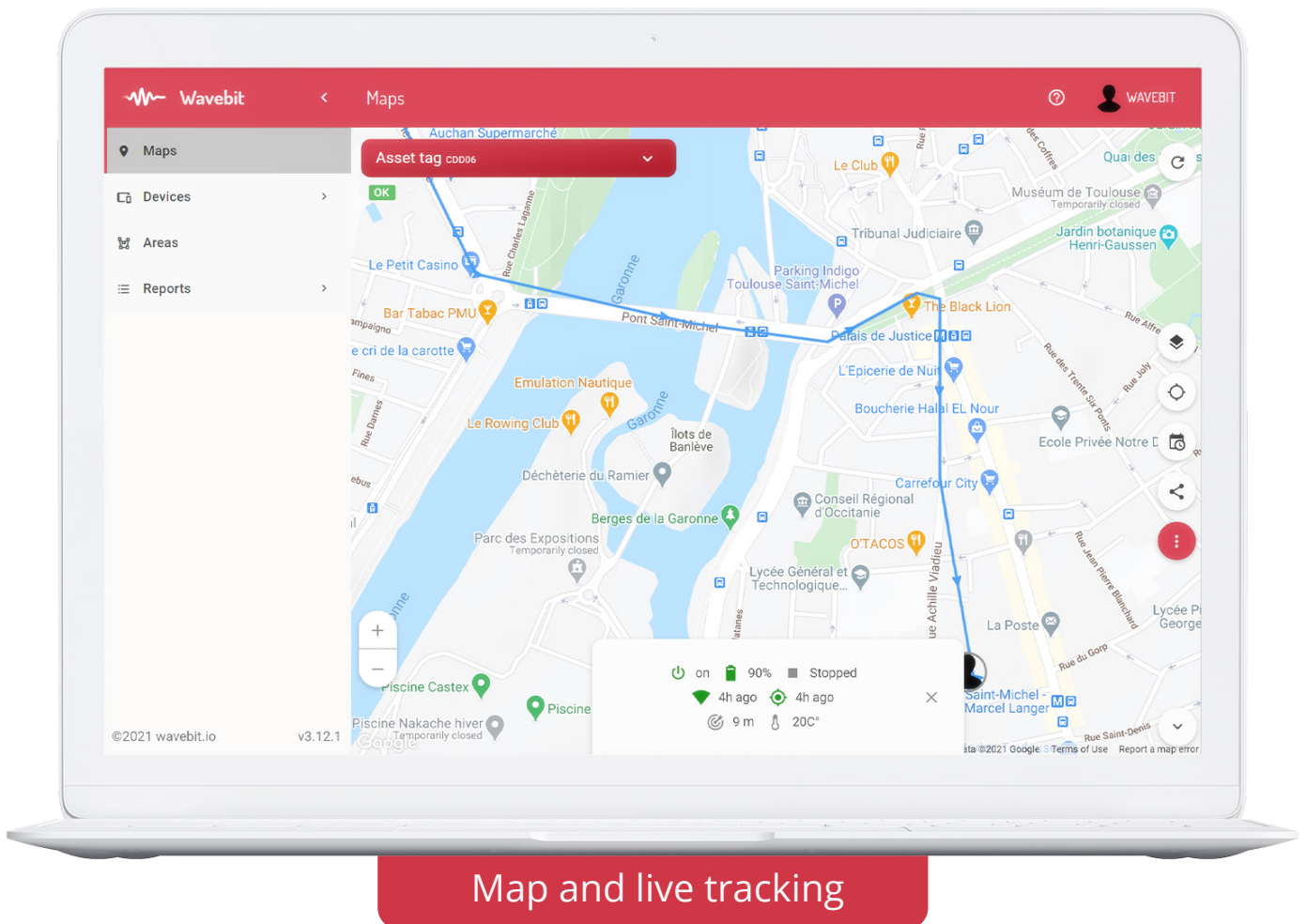


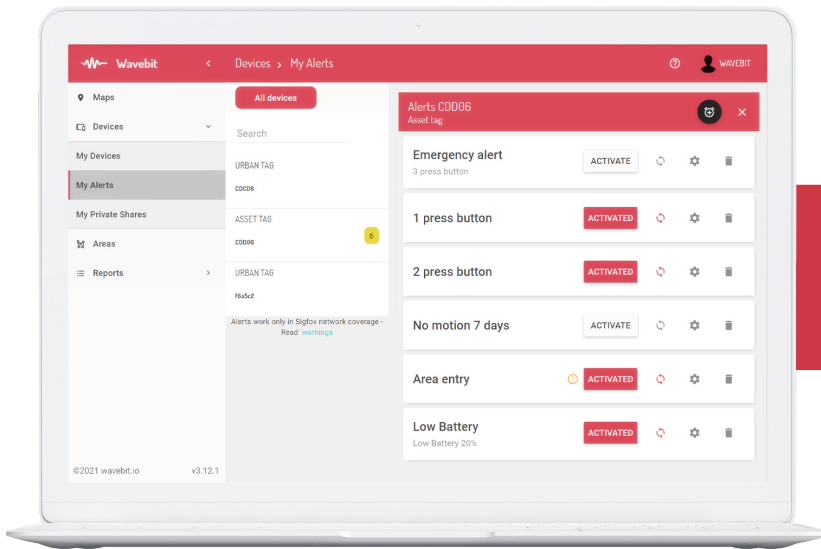
Rubber feet



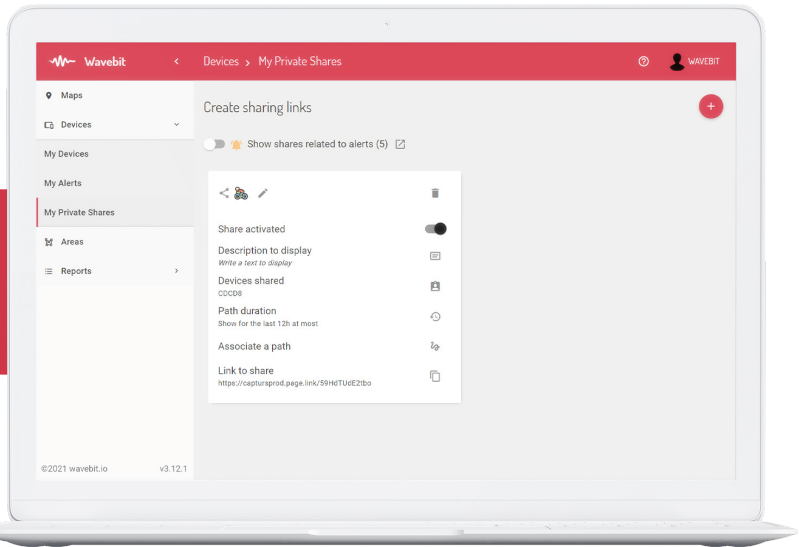
Online platform

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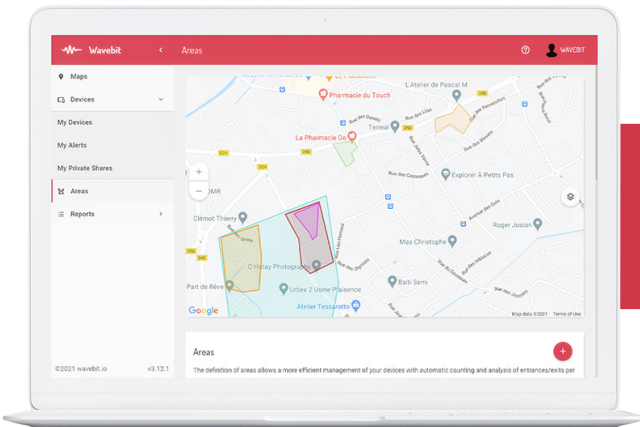
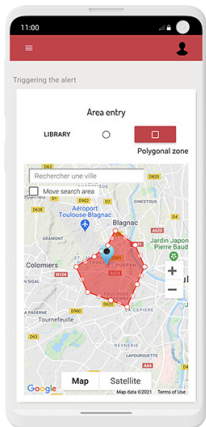




Set up to 4 alert types



Share your location with unique URLs



Create virtual barriers