

Technical Sheet

Model B Capturs

- GPS
- Sigfox / UnaBiz LPWAN network
- 3-axis accelerometer
- Up to 1 month battery life
- 1 position / 10 minutes
- Central alert button
- Rechargeable battery
- Web / mobile platform

For additional information
To request a quote
To request an appointment

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contact@capturs.com
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CAPTURS®

GPS tracker Model B

Use cases

The Capturs Model B GPS tracker is ideal for tracking people as it can easily be carried independently and placed in a pocket, bag, etc.: sports, isolated individuals, workforce.



Connectivity

Network

LPWAN Sigfox / UnaBiz (without SIM card)

ISM band radio frequency - 868 MHz - Sigfox Class 0u certified - Maximum radiation value measured (ERP) 14.50 dBm

Countries included in the Sigfox / Unabiz subscription :

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

Geolocation

GNSS

u-blox All-in-One GNSS receiver for GPS

Ground accuracy: < 6m

Motion detection using a 3-axis accelerometer.

Certifications

CE, RoHS, RSS, Sigfox ready

Hardware interface

- GNSS antenna: internal only
- Sigfox antenna: internal only
- LED indicators: battery, transmission, valid GPS fix, invalid GPS fix
- Micro-USB port: battery charging, connection to software
- Central button: turn GPS tracker on/off, trigger an alert

Default configuration

1 position / 10 minutes - 3 minutes accuracy

Live positions are sent at the programmed frequency. The default configuration for the Model B GPS tracker is 1 position sent every 10 minutes (trajectory accuracy of approximately 1 point every 3 minutes). Change the configuration manually using the Capturs software.

General specifications

Dimensions

68 × 42 × 24mm

Sensors

3-axis accelerometer

GPS

Temperature sensor

Alerts

SMS

Email

Weight

60g

Operating temperatures

-20°C ~ +60°C

Battery

Rechargeable battery Li-Ion Polymer
1000mAh

Options

Configuring batch alerts from a CSV file.

User interface

Synchronisation

Data automatically recorded with the Capturs cloud.

API

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

Logger

Recording of positions at regular intervals for subsequent retrieval via Capturs software (minimum 20 seconds).

3D mode

Sending altitude and speed of the position instead of intermediate positions.

Alertes

Zone entry, zone exit, absence, movement, immobility, inactivity, low battery

Export format

.GPX

.CSV

.PDF

Installation recommendations and optimisation ---

Environment

Do not place the GPS tracker where it could be obstructed by metal or carbon fibre walls, as these could interfere with or block the radio frequency signals.

If your equipment is used in harsh conditions, the GPS tracker can be installed in a protected area, but never under metal or carbon fibre.

Make sure that the surface on which the GPS tracker is installed is flat and clean to ensure a solid and durable fixing.

Avoid installing the GPS tracker on parts that are often subject to shock or vibration.

Do not place the GPS tracker where it could accumulate a lot of water.

Positioning

To ensure excellent network coverage, position the GPS tracker at the highest point on the equipment.

It is important that the GPS tracker has a clear view of the sky.

The GPS tracker must be installed in a vertical position. If it is not possible to install the GPS tracker vertically, avoid installing it upside down.