Capturs GPS tracker

Technical Sheet

Performance GSM Capturs

- GPS
- GSM / LTE network
- 3-axis accelerometer
- Ultra-precise: 1 position / 60s
- IPX5
- USB Type-C rechargeable
- Web / mobile platform

For additional information
To request a quote
To request an appointment

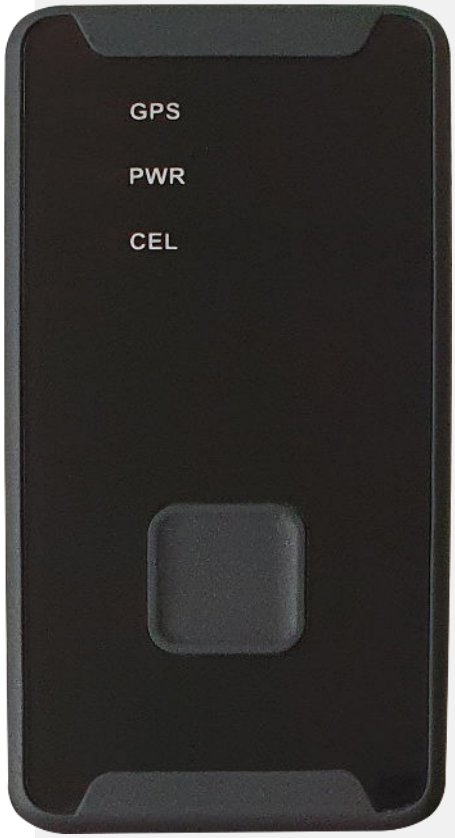
Contact us now
contact@capturs.com
www.capturs.com

CAPTURS®

GPS tracker Performance GSM

Use cases

GPS tracker adapted to a variety of uses requiring highly accurate tracking without a connection (standalone): tracking the workforce, isolated individuals, sportsmen, vehicles, boats, tools, etc.



Connectivity

Operating Band
Cat M1: LTE-FDD:B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85

Frequency
850 / 900 / 1800 / 1900 MHz

Countries included in the SIM Europe subscription:
Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, French Guiana, Germany, Gibraltar, Greece, Hungary, Iceland, Ireland, Italy, Kosovo, Lithuania, Luxembourg, Malta, Mayotte, Netherlands, Norway, Poland, Portugal, Réunion, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom.

Countries included in the World SIM subscription:
Afghanistan, Albania, Algeria, Angola, Anguilla, Antigua and Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bermuda, Bhutan, Bolivia, Bonaire, Bosnia and Herzegovina, Botswana, Brazil, British Vingin Islands, Brunei, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Cape verde, Cayman Islands, Central African Republic, Chad, Chile, China, Collectivity of Saint Martin, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cyprus, Czech Republic, Democratic Republic of the Congo, Denmark, Dominica, Dominican Republic, Ecuador, Egypt, El Salvador, Equatorial Guinea, Estonia, Faroe Islands, Fiji, Finland, France, French Guiana, French Polynesia, Gabon, Gorgia, Germany, Ghana, Gibraltar, Greece, Greenland, Guam, Guatemala, Guinea, Guinea-Bissau, Guyana, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Isle of Man, Israel, Italy, Jamaica, Japan, Jersey, Jordan, Kazakhstan, Kenya, Kosovo, Kuwait, Kyrgyzstan, Laos, Latvia, Liberia, Libya, Liechtenstein, Lithuania, Luxembourg, Macau, Madagascar, Malawi, Malta, Martinique, Mauritania, Mauritius, Mayotte, Mexico, Moldova, Mongolia, Montenegro, Montserrat, Morocco, Mozambique, Myanmar, Nauru, Nepal, Netherlands, Netherlands Antilles, New Zealand, Nicaragua, Niger, Nigeria, Northern Mariana Islands, Norway, Oman, Pakistan, Palestinian National Authority, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Republic of North Macedonia, Réunion, Romania, Russia, Rwanda, Saint Helena Ascension and Tristan da Cunha, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Samoa, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sri Lanka, Suriname, Swaziland, Sweden, Switzerland, Taiwan, Tajikistan, Tanzania, Thailand, The Gambia, Timor-Leste, Togo, Tonga, Trinidad and Tabago, Tunisia, Turkey, Turks and Caicos Islands, Uganda, Ukraine, United Kingdom, United States, Uruguay, Uzbekistan, Venezuela, Vietnam, Yemen, Zambia.

Geolocation

GNSS
u-blox All-in-One GNSS receiver for GPS
Ground accuracy: < 6m

Motion detection using a 3-axis accelerometer.

Certifications

FCC, CE, Verizon, IC, Orange, Anatel, AT&T, T-Mobile, PTCRB

Hardware interface

- Centre button: check operating status and trigger an alert
- Side button: turn GPS tracker on/off
- GNSS antenna: internal only
- LTE antenna: internal only
- LED indicators: CEL, GNSS, PWR
- USB Type-C socket: recharge battery

General specifications

Dimensions
77 × 39 × 26mm

Sensors
3-axis accelerometer
GPS

Protection against water jets from all directions
IPX5

Weight
93g

SIM
2FF (multi-operator SIM card supplied, first activation required)

Operating temperatures
-20°C ~ +60°C

Battery
Li-Polymer, 2600 mAh (rechargeable via USB Type-C cable)

Alerts
SMS
Email

Default configuration

Ultra-precise trajectory
The GPS tracker sends a position every 60 seconds. In standby mode, it sends one position per day. If you want to space the positions further apart, please contact us to configure this remotely.

Battery life

Use	Average battery life
In motion 1h / day	Less than 2 months
In motion 3h / day	Less than 1 month
In motion 6h / day	10 days
Stationary	Over 2 months

Average battery life is calculated using the default configuration.
Battery life is provided for reference only and may vary depending on usage, environmental conditions and connectivity.

Options

- Batch configuration of alerts from a CSV file
- Shock alert
- Temperature sensor

User interface

Synchronisation
Data automatically recorded with the Capturs cloud.

Alerts
Zone entry, zone exit, absence, motion detection, immobility, extinction, button (long press), low battery, inactivity, shock (optional)

Export format
.GPX
.CSV
.PDF

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.

Web / mobile interface
Web platform https://connect.capturs-systems.com/
Free Capturs application available on App Stone (IoS) and Google Play (Android)

Installation recommendations and optimisation

Evironment
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.