

Technical Sheet

OBD GSM Capturs

- GPS
- GSM / LTE network
- 3-axis accelerometer
- Connected to the vehicle's OBDII socket
- 1 position / 30 seconds
- Unlimited battery life
- Web / mobile platform

For additional information
To request a quote
To request an appointment

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

GPS tracker OBD GSM

Use cases

Ultra-precise tracking and monitoring of vehicles over long distances: fleet tracking and trip management, calculation of distances and times on the road, etc.



Connectivity

Operating Band

Cat M1 : LTE-FDD : B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B18/ B19/ B20/ B25/ B28

Frequency

EGPRS 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 Virgin 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, Georgia, 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 Tobago, 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, Verizon, PTCRB, AT&T, CE

Hardware interface

- OBDII port: for external power supply
- GNSS antenna: internal only
- LTE antenna: internal only
- LED indicators: CEL, GNSS

General specifications

Dimensions

48 × 40 × 22mm

Weight

58g

Sensors

3-axis accelerometer
GPS

Operating temperatures

-30°C ~ +80°C

Connection

Power supply via the vehicle's OBDII socket (diagnostic socket)

Battery back-up

Li-Polymer, 60 mAh

SIM

3FF (multi-operator SIM card supplied, first activation required)

Alerts

SMS
Email

Default configuration

1 position / 30 seconds

A position is sent every 30 seconds when the vehicle is in motion. If you wish to send these positions less frequently, please contact us for a remote configuration based on the subscription you have chosen.

Options

- Batch configuration of alerts from a CSV file

Installation recommendations and optimisation

Positioning

The GPS tracker is powered via the OBDII socket, also known as the vehicle's diagnostic socket. It has been compulsory on all cars in the European Union since 2004. This socket is usually located under the steering wheel, but can also be under a cover.

User interface

Synchronisation

Data automatically recorded with the Capturs cloud.

Export format

.GPX
.CSV
.PDF

Alerts

Zone entry, zone exit, absence, movement, immobility, extinction (disconnection)

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 Store (iOS) and Google Play (Android)