Capturs GPS tracker

Technical Sheet

Mini GSM Capturs

- GPS
- GSM / LTE Network
- 3-axis accelerometer
- Up to 3 years battery life
- 2 positions / day sent
- IP67
- Replaceable battery
- Web / mobile platform

GPS tracker
Mini GSM

Use cases

Monitoring professional equipment over long periods and distances. Combating theft of tools or assets. Monitoring and combating the theft of beehives.



For additional information
To request a quote
To request an appointment

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

CAPTURS®

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Connectivity

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

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 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

Anatel, FCC, T-Mobile, Verizon, PTCRB, AT&T, CE, UKCA

Hardware interface

- Central button: checks operating status and triggers an alert
- ON/OFF switch: internal only
- LTE antenna: internal only
- GNSS antenna: internal only
- LED indicators: GPS, Status

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General specifications

Dimensions
64 × 50 × 22mm

Sensors
3-axis accelerometer
GPS

Water and dust resistance
IP67

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

Weight
82g

Operating temperatures
-20˚C ~ +60˚C

Battery
Lithium manganese dioxide battery, 2400mAh (replaceable battery)

Alerts
SMS
Email

Default configuration

2 positions / jour
Two locations are provided each day. If you wish to increase or decrease this number, please contact us for remote configuration according to the subscription you have chosen.

Booster mode
There is also a booster mode, which can be activated by contacting us (to recover tools following a theft, for example). This mode provides a location every 5 minutes when the device is in motion. It will be triggered the next time data is transmitted. Please note that using this mode reduces the overall autonomy of the device.

Beehive mode
Contact us to set up beehive mode. This mode provides a location every 5 minutes when the device is in motion. In standby, the device sends 1 position / day.

Battery life

Use	Average battery life
1 position / day	2,9 years
2 positions / day	1,5 years
3 positions / day	1 year

Battery life is provided for reference only and may vary according to use, environmental conditions and connectivity.

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Options

- Batch configuration of alerts from a CSV file

User interface

Synchronisation
Data automatically recorded with the Capturs cloud.

Export format
.GPX
.CSV
.PDF

Alerts
Zone entry, zone exit, absence, low battery, button (long press), movement (beehive mode)

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)

Mounting options

Double-sided adhesive tape is included with purchase.

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.

In beehives

Place the GPS tracker with the antenna facing upwards (see arrow on label). Place the GPS tracker in the centre of one edge of the frame. Place the frame on one end in the beehive. We strongly advise against placing the GPS tracker in, or in the direct vicinity of, the temperature control frames of the beehive where aluminium or other metal sheeting is present.

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