

2021

PRODUCT
CATALOG

www.geokall-iot.com



WE INNOVATE AND CONNECT THE UNCONNECTED.

At Geokall, we innovate and create business growth opportunities. IoT Solutions such as GeoKall DualCam, or new plug & play trackers will give a whole new dimension to the use of a car cigarette lighter socket.

Telematics play an increasingly key role in all industries ranging from logistics and car sharing to agriculture,

IoT in the Telecom Industry

The IoT and M2M technologies are increasingly common today and form an essential part of telecommunications business and are being constantly refined and enhanced.

Geokall can help telcos seeking to truly embrace the digital era to gain a cutting edge on a competitive market, and make the most of the opportunities that the IoT has to offer.

eSIM technology is key in enabling the flexibility that the IoT industry demands

Andrew Halam
CEO, Geokall



08 Easy

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Easy

TRACKERS

FAST

Installation and device setup with our most user-friendly products

RICH

Tracking and diagnostic features with progressive Bluetooth scenarios

DISTINCTIVE

Shapes and sizes of devices for a variety of use cases



GKFMB920

SMALL AND SMART TRACKER

#1 BESTSELLER



12 MM
Height, slim design device can be easily fitted in the tightest spaces

CERAMIC
GNSS antenna design to reduce overall device size

3-AXIS ACCELEROMETER
Ensures detailed acceleration data in case of collision

GKTM2500 MODULE
GSM/GNSS/BLE support

BLUETOOTH 4.0
Grants four various BLE sensors support

MULTIPLE I/O
DIN, AIN, DOUT –for monitoring and control

6 - 30 V
DC with overvoltage protection

128 MB
Internal flash memory

2G BANDS
B2/B3/B5/B8

GKFMB910

SMART TRACKER



21 MM
Height, low-cost version of GKFMB920 tracker

CUSTOM METALLIC
GNSS antenna design

3-AXIS ACCELEROMETER
Ensures detailed acceleration data in case of collision

GKTM2500 MODULE
GSM/GNSS/BLE support

BLUETOOTH 4.0
Grants four various BLE sensors support

MULTIPLE I/O
DIN, AIN, DOUT –for monitoring and control

6 - 30 V
DC with overvoltage protection

128 MB
Internal flash memory

2G BANDS
B2/B3/B5/B8

GKFMB003/GKFMB002/GKFMB020

ULTRA-SMALL OBD TRACKERS



<p>OEM OBD DATA Ensures real odometer and real fuel level reading</p> <p>VEHICLE LIST With all available manufacturer models and parameters</p> <p>29.1 MM Width, ultra-small GNSS tracker with powerful feature set</p>	<p>GKTM2500 MODULE GSM/GNSS/BLE support</p> <p>10 - 30 V DC with overvoltage protection</p> <p>45 mAh Back-up battery</p>	<p>128 MB Internal flash memory</p> <p>BLUETOOTH 4.0 Grants four various BLE sensors support</p> <p>2G BANDS B2/B3/B5/B8</p>
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SETTING NEW STANDARD



GKFMB003 device came with unprecedented teresh from the market. That is why it was our major release in 2020 and it is set to become a best-seller in 2021.

GKFMB003 Product Manager, Geokall

PAY AS YOU DRIVE

INTRO

We have a perfect solution for Pay As You Drive applications – ultra-small OBDII tracker GKFMBO03. It gives a great chance for insurance companies to offer services to the owners of private vehicles. The common limitations – difficulties with installation and data accuracy problems – are effectively solved by our device.

The installation is so convenient and fast that it can be performed by almost anyone. When it comes to data, GKFMBO03 is the source for both Real Fuel and Real Odometer data. Besides, a rich set of features provides all the needed information to analyze driver's performance.

BENEFITS

Hassle-free OBDII connector – GKFMBO03 has OBDII interface that makes installation fast and easy with end-users being able to install devices themselves.

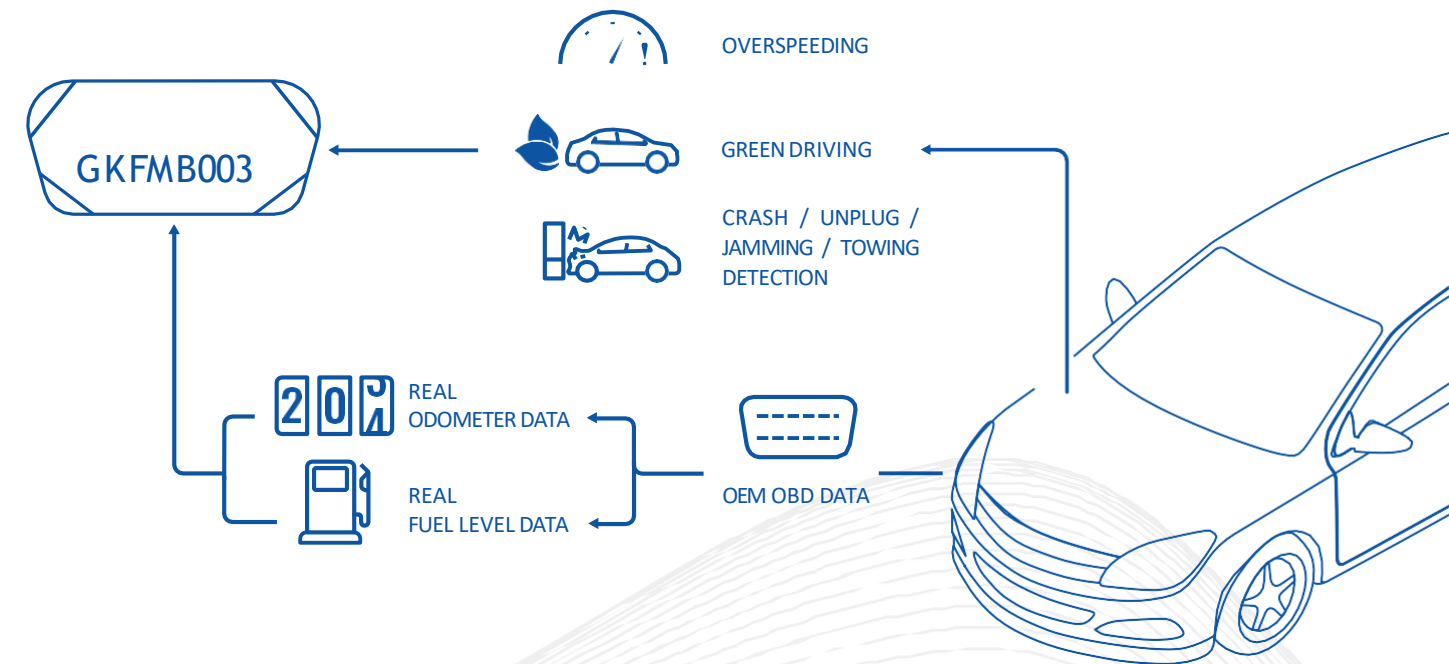
Ultra-small device – the housing of this device is remarkably small. It proves to be an advantage in the vehicles with limited space for GPS tracker installation.

Specific OEM OBDII Data – GKFMBO03 model provides you with the actual information from a vehicle's dashboard

– Real Fuel and Real Odometer data.



TOPOLOGY



GKFMP100

CIGARETTE LIGHTER TRACKER

NEW



BUILT-IN BUTTON
Functionality to generate alarm event or use it as Private/Business trip switch

RGB LED, BUZZER
Helps your driver to know the status of the device and events

1A CHARGER
For external devices like smartphones or others

GKTM2500 MODULE
GSM/GNSS/BLE support

10 - 30 V
DC with overvoltage protection

170 mAh
Back-up battery

128 MB
Internal flash memory

BLUETOOTH 4.0
Grants four various BLE sensors support

2G BANDS
B2/B3/B5/B8

PLUG AND DRIVE

PRIVATE/BUSINESS DRIVING MODE

INTRO

Allowing employees to drive company vehicles for personal reasons is a widespread practice. But how to monitor and manage this process effectively? To assist companies and organizations, Geokall has developed a smart solution – Private/Business Driving Mode. Whenever needed, our tracking devices will stop sending GPS coordinates with a click of a button. This can be based on work/off-work hours or specified geo zones. Besides, it helps to comply with local law and avoid unnecessary paperwork or penalties.

BENEFITS

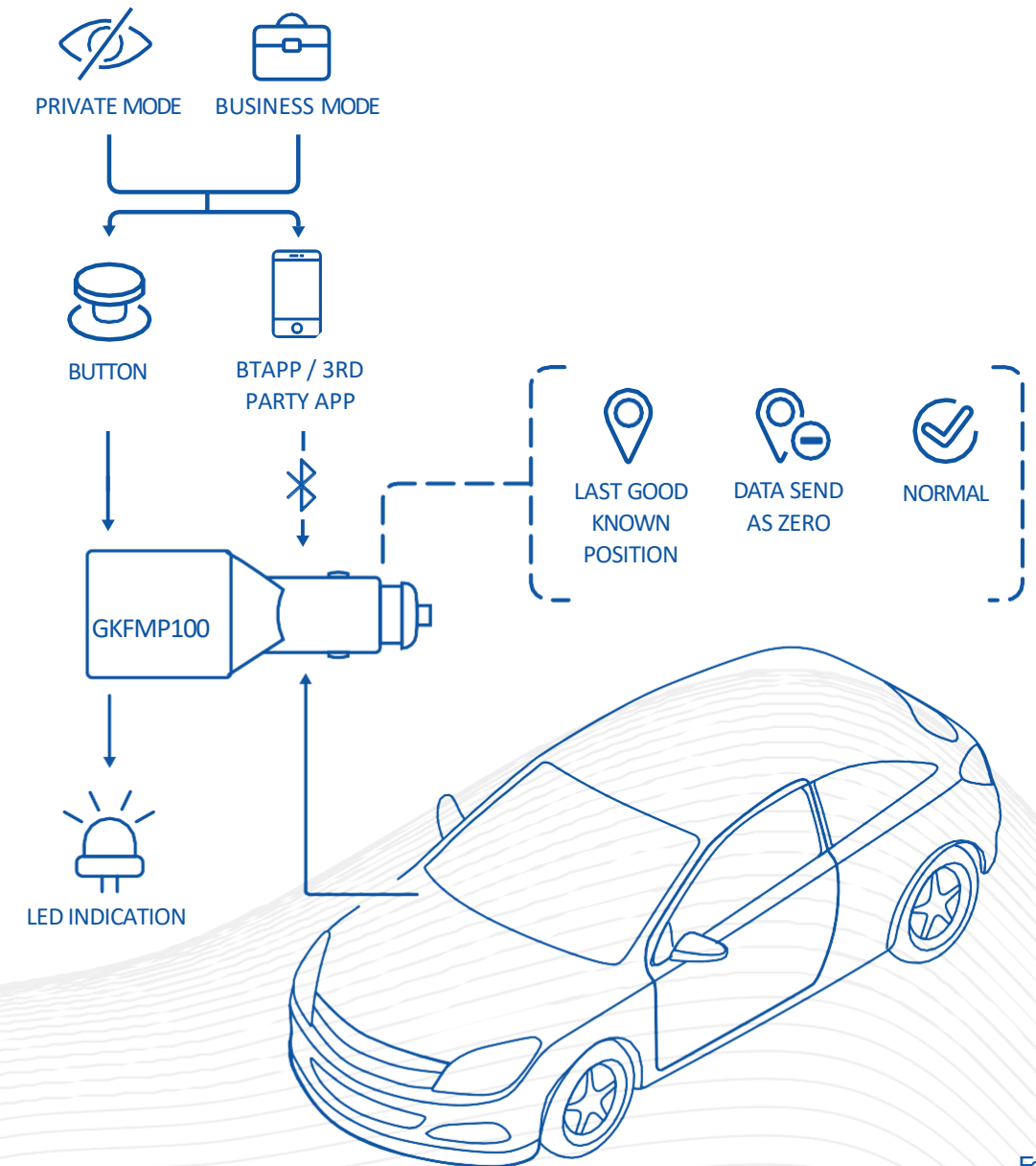
Hassle-free way to monitor vehicle private/business usage – easy to use and accurate solution with multiple mode activation options to meet company needs.

Keeping drivers accountable, no misuse or guesswork – boosting drivers' discipline and encouraging desirable vehicle usage habits.

Compliance with local tax laws and regulations – if applicable, the required reports can be timely generated and submitted to appropriate local authorities.



TOPOLOGY



GKFMB001/GKFMB010

PLUG AND PLAY TRACKERS



OBD DATA*

Like mileage, RPM, fuel level, VIN, or fault codes reading

BLUETOOTH 4.0

Grants four various BLE sensors support

3-AXIS ACCELEROMETER

Ensures detailed acceleration data in case of collision

GKTM2500 MODULE

GSM/GNSS/BLE support

10 - 30 V

DC with overvoltage protection

170 mAh

Back-up battery

128 MB

Internal flash memory

2G BANDS

B2/B3/B5/B8

GKFMM1

GKFMMC1

GKFMC1

GLOBAL

LTE CAT M1 network coverage with fallback to 2G. Solution to achieve greater efficiency, lower latency and wide coverage range capabilities.

LTE CAT M1 BANDS

LTE TDD: B39 (For CAT M1 Only)
LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/
B18/B19/B20/B28/B39

2G BANDS

B2/B3/B5/B8

EMEA

4G LTE network coverage with fallback to 3G and 2G. Guaranteed future-proof network support for your fleet!

4G BANDS

LTE FDD: B1/B3/B7/B8/B20/B28

3G BANDS

B1/B8

2G BANDS

B3/B8

LATAM, AUSTRALIA, NZ

To meet the needs and expectations of our clients, we are expanding to such markets as Latin America, Australia, and New Zealand.

4G BANDS

LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28
LTE TDD: B40

3G BANDS

B1/B2/B4/B5/B8

2G BANDS

B2/B3/B5/B8

CONNECTIVITY OPTIONS

4G LTE/ LTE CAT M1 TERMINALS

Advanced

TRACKERS

FLEXIBLE

Hardware features along with practical accessories for advanced use cases

ALL-ROUND

Solutions for vehicle immobilization and driver authentication

PRECISE

Ways to monitor vehicle health, fuel data and operational details



GKFMU130

3G TRACKER WITH FLEXIBLE INPUTS

“

Being able to connect to both 3G and 2G networks, GKFMU130 is a great choice for Mexico and other vast countries in the Latin American region. Besides optimizing logistics operations and fuel consumption, our devices substantially increase the safety of drivers, vehicles and cargo thanks to effective jamming detection and other anti-theft scenarios.

”

CEO, GEOKALL



FLEXIBLE I/O

Extends the possibilities of remote monitoring

NEGATIVE INPUT

Detects ground signal when connected

BLUETOOTH 4.0

Grants four various BLE sensors support

3G MODULE

Worldwide 3G network coverage with 2G fallback

10 - 30 V

DC with overvoltage protection

170 mAh

Back-up battery

3G BANDS

UC15-A B5/B2
UG96 B6/B5/B8/B2/B1

2G BANDS

UC15-A B5/B8/B3/B2
UG96 B5/B8/B3/B2

GKFMB130

GKFMM130

GKFMC130

GLOBAL

GKTM2500 small and powerful three-in-one module for worldwide 2G coverage.

2G BANDS

B2/B3/B5/B8

GLOBAL

LTE CAT M1 network coverage with fallback to 2G. Solution to achieve greater efficiency, lower latency and wide coverage range capabilities.

LTE CAT M1 BANDS

LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B28/B39

2G BANDS

B2/B3/B5/B8

LATAM,
AUSTRALIA, NZ,
TAIWAN, EMEA,
S.KOREA, THAILAND

4G LTE network coverage with fallback to 3G and 2G. Guaranteed future-proof network support for your fleet!

4G BANDS

EC21-AU LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B40
EC21-EC LTE FDD: B1/B3/B7/B8/B20/B28A

3G BANDS

EC21-AU WCDMA: B1/B2/B5/B8
EC21-EC WCDMA: B1/B8

2G BANDS

EC21-AU GSM: B2/B3/B5/B8
EC21-EC GSM: B3/B8

CONNECTIVITY OPTIONS

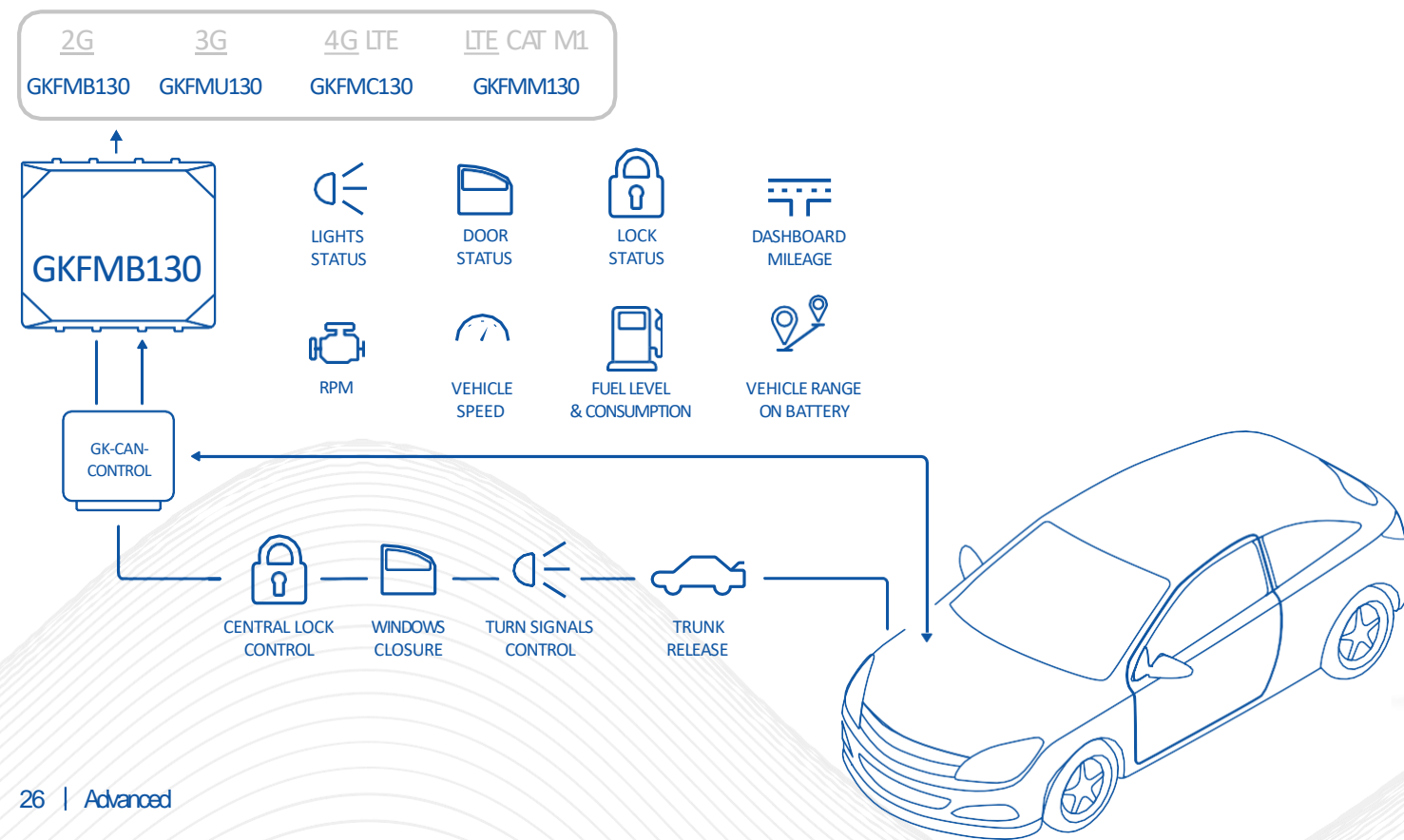
2G/ 4GLTE/ LTE CAT M1 TERMINALS

CAR SHARING

INTRO

Car sharing services are on the rise. They are very much welcomed by private individuals, companies and public institutions alike. With the number of users increasing, Geokall offers a solution for all those who are engaged in providing these services – a combination of advanced GPS trackers and CAN-CONTROL adapter.

You will be able to control remotely car's central lock, windows closure, switching on/off turn lights, and trunk release. Besides, our solution enables you to receive real-time data including engine RPM, vehicle speed, and the current fuel level status from dashboard, to name just a few. More than 1,300 vehicle models are supported – from the most popular ones to electric cars.



REMOTE ENGINE BLOCK

GKFMB120

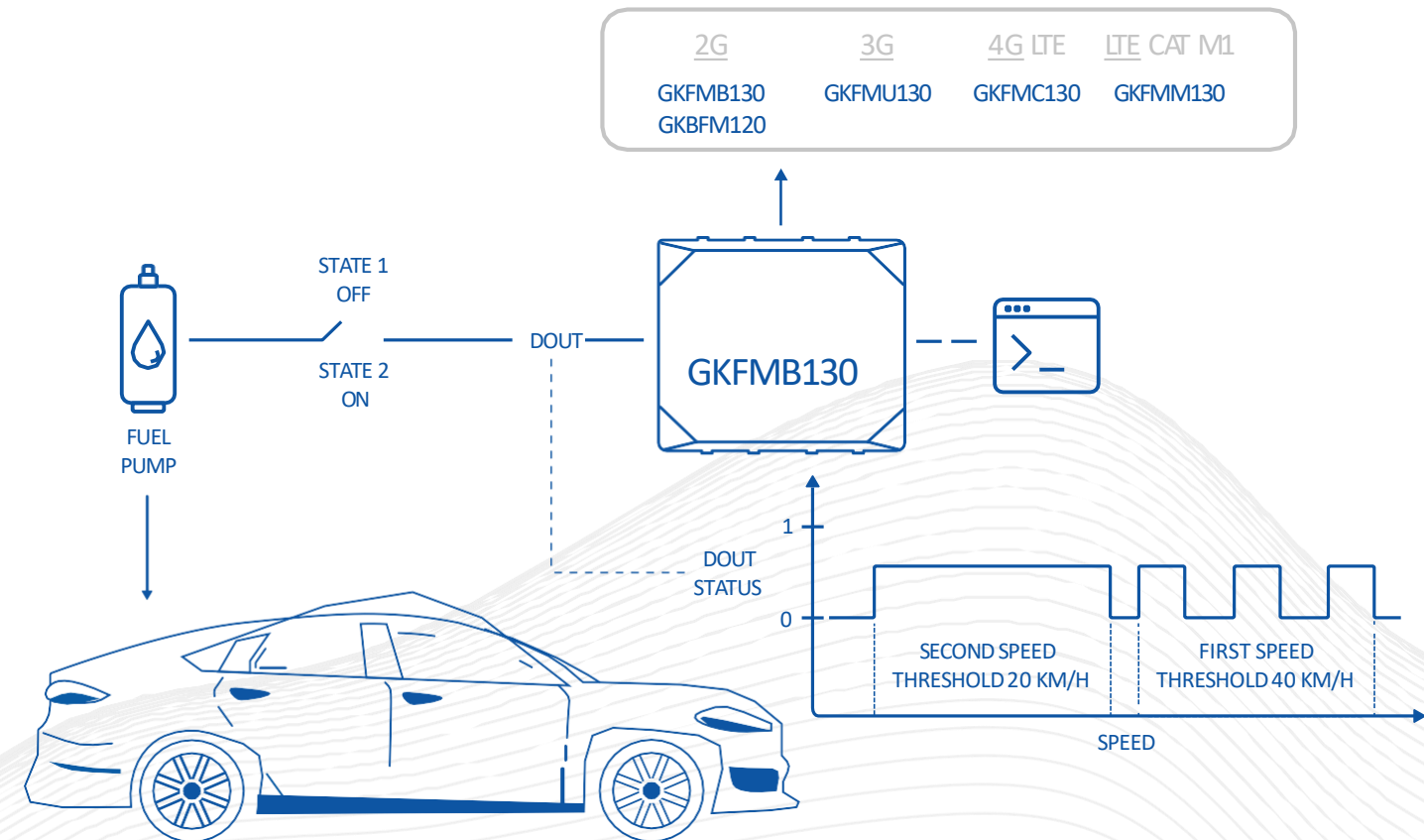
TRACKER WITH INTERNAL ANTENNAS AND BATTERY



SECURE VEHICLE DISABLING

Dealing with car thefts and other kinds of unauthorized vehicle use is a major concern for rental, delivery and car-sharing service providers. Luckily, Geokall GPS trackers have a functionality that can help solve the issue and prevent the loss – remote secure engine cut-off (SECO). It makes possible to return the stolen property and, most importantly, to do it safely.

In case of a theft or any other unwanted use, a vehicle will be remotely brought to a controlled stop by gradually limiting fuel supply to the engine. No traffic incidences, road infrastructure damage or casualties – it's safe, effective and easy-to-use.



GKFMB140

TRACKER WITH CAN READER

“

Our clients prefer GKFMB140 as a 2-in-1 solution – a tracking device plus CAN adapter. It takes less time to install and saves money. Besides, GKB140 can be upgraded remotely to support ALL-CAN300 adapter and read parameters from all kinds of vehicles.

”



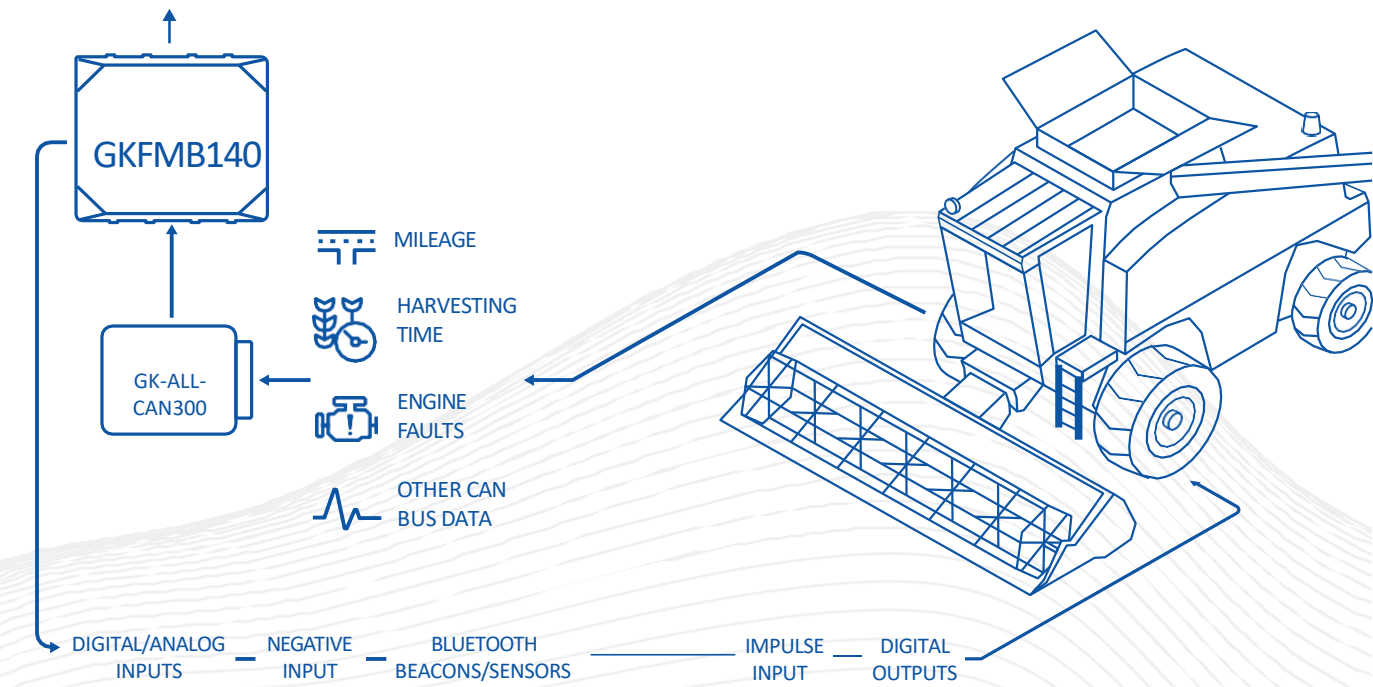
2-in-1 Solution: GPS tracker and CAN adapter inside	GKTM2500 MODULE GSM/GNSS/BLE support	MULTIPLE I/O DIN, AIN, DOUT, 1-Wire –for monitoring and control
VEHICLE LIST With all available models and parameters for CAN bus data reading	10 - 30 V DC with overvoltage protection	128 MB Internal flash memory
WIRING GUIDES For each supported vehicle eliminates complexity and adds efficiency	170 mAh Back-up battery	2G BANDS B2/B3/B5/B8

FLEET MAINTENANCE SCHEDULES - AGRICULTURE

Losing agricultural machines due to unexpected breakdowns can cause considerable losses and complications in operations. To keep your fleet in a good condition, timely maintenance is vital and Geokall offers an efficient way to achieve it – by installing advanced trackers GKFMB130 plus CAN adapter GK-ALL-CAN300, which monitors CAN data from any kind of transport including agricultural machinery.

Tracking vehicle maintenance becomes an automated process with irregularities reduced to a minimum. Besides the data used for managing fleet maintenance, GK-ALL-CAN300 provides other valuable information, such as harvested area, mowing efficiency, grain moisture, threshing status and more.

2G	3G	4G LTE	LTE CAT M1
GKFMB130 GKFMB140	GKFMU130	GKFMC130	GKFMM130





Special

TRACKERS

UNIQUE

Solutions for speed limiting, motorcycle tracking, and regional projects

ROBUST

Assembly and higher tier protection for the most harsh conditions

INNOVATIVE

Ways to increase the safety of drivers and passengers

GKPMC125

4G LTE TRACKER WITH RS232, RS485 INTERFACES AND INTERNAL GNSS ANTENNA



DUAL SIM

Adds a backup communication channel

RS232/RS485

For fuel monitoring and other external devices

3-AXIS ACCELEROMETER

Ensures detailed acceleration data in case of collision

MULTIPLE I/O

DIN, AIN, DOUT, 1-Wire - for monitoring and control

10 - 30 V

DC with overvoltage protection

170 mAh

Back-up battery

4G BANDS

EC21-AU LTE FDD: B1 /B2 /B3 /B4 /B5 /B7 /B8 /B28 /B40

EC21-EC LTE FDD: B1 /B3 /B7 /B8 /B20 /28A

3G BANDS

EC21-AU WCDMA: B1 /B2 /B5 /B8

EC21-EC WCDMA: B1 /B8

2G BANDS

EC21-AU GSM: B2 /B3 /B5 /B8

EC21-EC GSM: B3 /B8

GKFMB125 GKFMU125 GKFMM125

INTERNAL & EXTERNAL GNSS ANTENNA OPTIONS

INTERNAL GNSS ANTENNA

INTERNAL GNSS ANTENNA

GLOBAL

GKTM2500 small and powerful three-in-one module for worldwide 2G coverage.

2G BANDS

B2 /B3 /B5 /B8

GLOBAL

3G network coverage with fallback to 2G. Worldwide coverage and reliable connectivity.

3G BANDS

B6 /B5 /B8 /B2 /B1

2G BANDS

B5 /B8 /B3 /B2

GLOBAL

LTE CAT M1 network coverage with fallback to 2G. Solution to achieve greater efficiency, lower latency and wide coverage range capabilities.

LTE CAT M1 BANDS

LTE FDD: B1 /B2 /B3 /B4 /B5 /B8 /B12 /B13 /B18 /B19 /B20 /B28 /B39

2G BANDS

B2 /B3 /B5 /B8

CONNECTIVITY OPTIONS

2G / 3G / LTE CAT M1 TERMINALS

GEOKALL DUALCAM

GKFMCI25 AND CAMERA SOLUTION
FOR IN-CABIN AND ROAD VIDEO MONITORING

VIDEOS & PHOTOS AVAILABLE

Capturing the events that occur
on the roads, e.g., crashes

FRONT & BACK VIEW

Recording both ways - outside
and inside the vehicle

AUTOMATIC & BY REQUEST

Sending data periodically or
upon chosen scenarios

Supported by GKFMCI25, GKFMU125, GKFMM125, GKFMB125, GKFMU126



GKFMT100

BATTERY MOUNTED TRACKER



IP65

Standard robust design casing withstands poor weather conditions

3-AXIS

Accelerometer and gyroscope to ensure detailed acceleration data

BLUETOOTH 4.0

Grants four various BLE sensors support

GKTM2500 MODULE

GSM/GNSS/BLE support

10 - 30 V

DC with overvoltage protection

170 mAh

Back-up battery

128 MB

Internal flash memory

2G BANDS

B2/B3/B5/B8



“

Insurance, rental or any other business. Fleet size of 5, 50 or 100 vehicles – any of them can be equipped with GKFMT100 in one day by one person. This device is a top-seller among the UK clients due to a very fast, easy and hidden installation.

”

Sales Manager, Geokall

GKFMB122

TRACKER WITH EXTERNAL GNSS ANTENNA



BLUETOOTH 4.0
Grants four various BLE sensors support

EXTERNAL GNSS
Antenna extends mounting options

DUAL SIM
Adds a backup communication channel

GKTM2500 MODULE
GSM/GNSS/BLE support

10 - 30 V
DC with overvoltage protection

170 mAh
Back-up battery

MULTIPLE I/O
DIN, AIN, DOUT, 1-Wire –for monitoring and control

128 MB
Internal flash memory

2G BANDS
B2/B3/B5/B8

GKMSP500

TRACKER FOR SPEED LIMITING



INTERNAL RELAY
Prevents exceeding the set speed limit while traveling

BUILT-IN BUZZER
Informs when the driver reaches the overspeeding threshold

BLUETOOTH 4.0
Grants four various BLE sensors support

GKTM2500 MODULE
GSM/GNSS/BLE support

10 - 32 V
DC with overvoltage protection

400 mAh
Back-up battery

RS232
For speed log printer or other external devices

128 MB
Internal flash memory

2G BANDS
B2/B3/B5/B8

GKFMB204/GKFMB202

WATERPROOF TRACKERS WITH HIGH CAPACITY BACKUP BATTERIES



1800 mAh
Li-ion or 400 mAh Ni-MH backup batteries
for prolonged autonomous usage

BLUETOOTH 4.0
Grants four various BLE
sensors support

IP67
Standard casing against water and dust
withstands poor weather conditions

GKTM2500 MODULE
GSM/GNSS/BLE support

6 - 30 V
DC with overvoltage protection

MULTIPLE I/O
DIN, AIN, DOUT, 1-Wire -for
monitoring and control

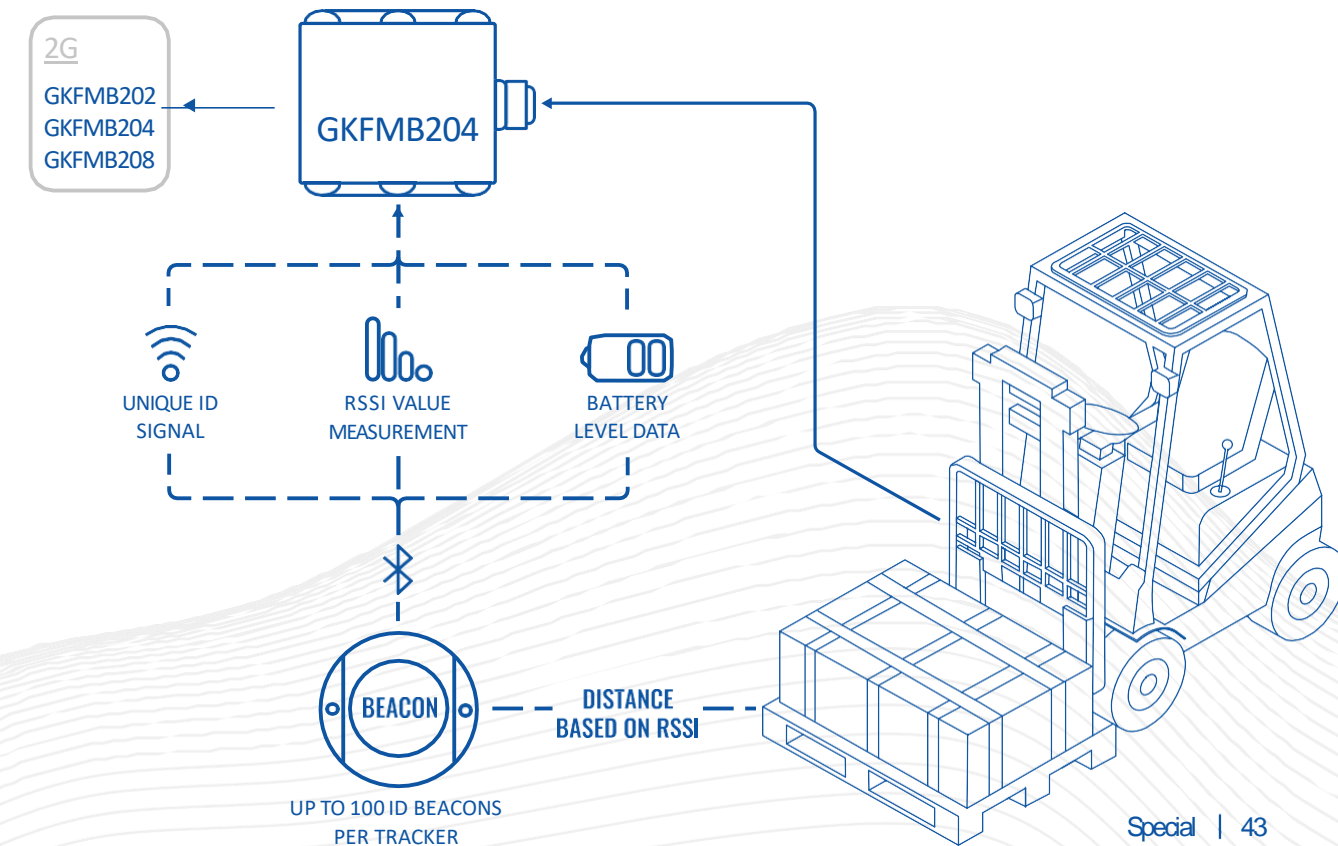
128 MB
Internal flash memory

2G BANDS
B2/B3/B5/B8

INDOOR TRACKING SOLUTIONS

Managing vast quantities of goods and other valuable assets in large facilities – such as warehouses, airports or exhibition centers – can be a tough task. Knowing this, Geokall comes to assistance with indoor tracking solutions. Our GPS trackers combined with Bluetooth beacons will turn your daily business routines into smooth and efficient operations.

In addition to goods or machinery, indoor tracking can be equally successfully applied for monitoring people flows – company workforce, patients or passengers. Optimization of processes and patterns results in considerable cost savings, enhanced security and increased competitiveness.



GKFMU126

TRACKER FOR DLT PROJECT IN THAILAND



RS232
Serial interface for the magnetic card reader or other external data reading

1200 mAh
Back-up battery for continuous device operation

BUILT-IN BUZZER
Informs the driver about magnetic card registration/deregistration

3G MODULE
3G network coverage for Thailand with 2G fallback

10 - 30 V
DC with overvoltage protection

MULTIPLE I/O
DIN, AIN, DOUT, 1-WIRE –for monitoring and control

3G BANDS
UC15-T: B5/B1

2G BANDS
UC15-T: B5/B8/B3/B2

GKFMB208

AIS140 COMPLIANT TRACKER FOR INDIA MARKET

“

GKFMB208 is fully compliant with the rules and regulations set by the authorities. Its noteworthy features include 3rd server support, robust IP67 casing and fuel monitoring capabilities. Being fitted in buses, cars, and trucks alike, GKFMB208 allows our clients to use a single device for multiple scenarios.

“

Product Manager, Compliance Products,
GEOKALL



AIS140
Certification for all public transportation systems in India

RS232
Serial interface for external data reading

IP67
Standard casing against water and dust withstands poor weather conditions

GKTM2500 MODULE
GSM/GNSS/BLE support

IRNSS
Support for Indian compliance market

800 mAh
Back-up battery

128 MB
Internal flash memory

10 - 30 V
DC with overvoltage protection

2G BANDS
B2/B3/B5/B8



Professional

TRACKERS

HASSLE-FREE

Tachograph files download for driver time and heavy-duty transport management

EFFECTIVE

CAN bus data reading, diagnostics, and maintenance solutions

COMPREHENSIVE

Solutions to connect various external equipment for the most demanding use cases

GKFMB640

TERMINAL FOR PROFESSIONAL APPLICATIONS



Being a hardware manufacturer ourselves, we appreciate having partners who offer high-quality telematics devices that we can integrate within our platform and offer to our clients. That is why we trust Geokall and have used a few thousand of their GKFMB640 2G tracking devices to equip our clients' fleets in the European market. Always, allowing us to better serve our client and partner needs.



GKFMM640

GKFMC640

GKFMC640

GLOBAL

LTE CAT M1 network coverage with fallback to 2G. Solution to achieve greater efficiency, lower latency and wide coverage range capabilities.

LTE CAT M1 BANDS

LTE TDD: B39 (For CAT M1 Only)
 LTE FDD: B1/B2/B3/B4/B5/B8/
 B12/B13/B18/B19/B20/B28/B39

2G BANDS

B2/B3/B5/B8

LATAM, AUSTRALIA, NZ

To meet the needs and expectations of our clients, we are expanding to such markets as Latin America, Australia, and New Zealand.

4G BANDS

LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66

3G BANDS

B1/B2/B5/B8

2G BANDS

B2/B3/B5/B8

EMEA

4G LTE network coverage with fallback to 3G and 2G. Guaranteed futureproof network support for your fleet!

4G BANDS

LTE FDD: B1/B3/B7/B8/B20/B28

3G BANDS

B1/B8

2G BANDS

B3/B8

TACHOGRAPH

Live data reading for everyday driver management

RS232/RS485

Serial interfaces for external data reading

2x CAN LINES

Allows FMS parameters reading and simultaneous work with tachograph

GKTM2500 MODULE

GSM and GNSS support

10 - 30 V

DC with overvoltage protection

550 mAh

Back-up battery

MULTIPLE I/O

DIN, AIN, DOUT, 1-Wire -for monitoring and control

32 GB

MicroSD memory card support

2G BANDS

B2/B3/B5/B8

CONNECTIVITY OPTIONS

4G LTE / LTE CAT M1 TERMINALS

DIGITAL TACHOGRAPH MONITORING

INTRO

Complying with legal requirements can be complicated and time-consuming – it is especially the case when it comes to logistics industry in the EU. The larger the fleet, the more burdensome it gets. A complete solution offered by Geokall is a huge relief for the European logistics companies. A perfect combination comes in the form of our Professional family devices GKFMx640 and Web Tacho, software application dedicated to downloading and administrating digital tachograph files remotely.

BENEFITS

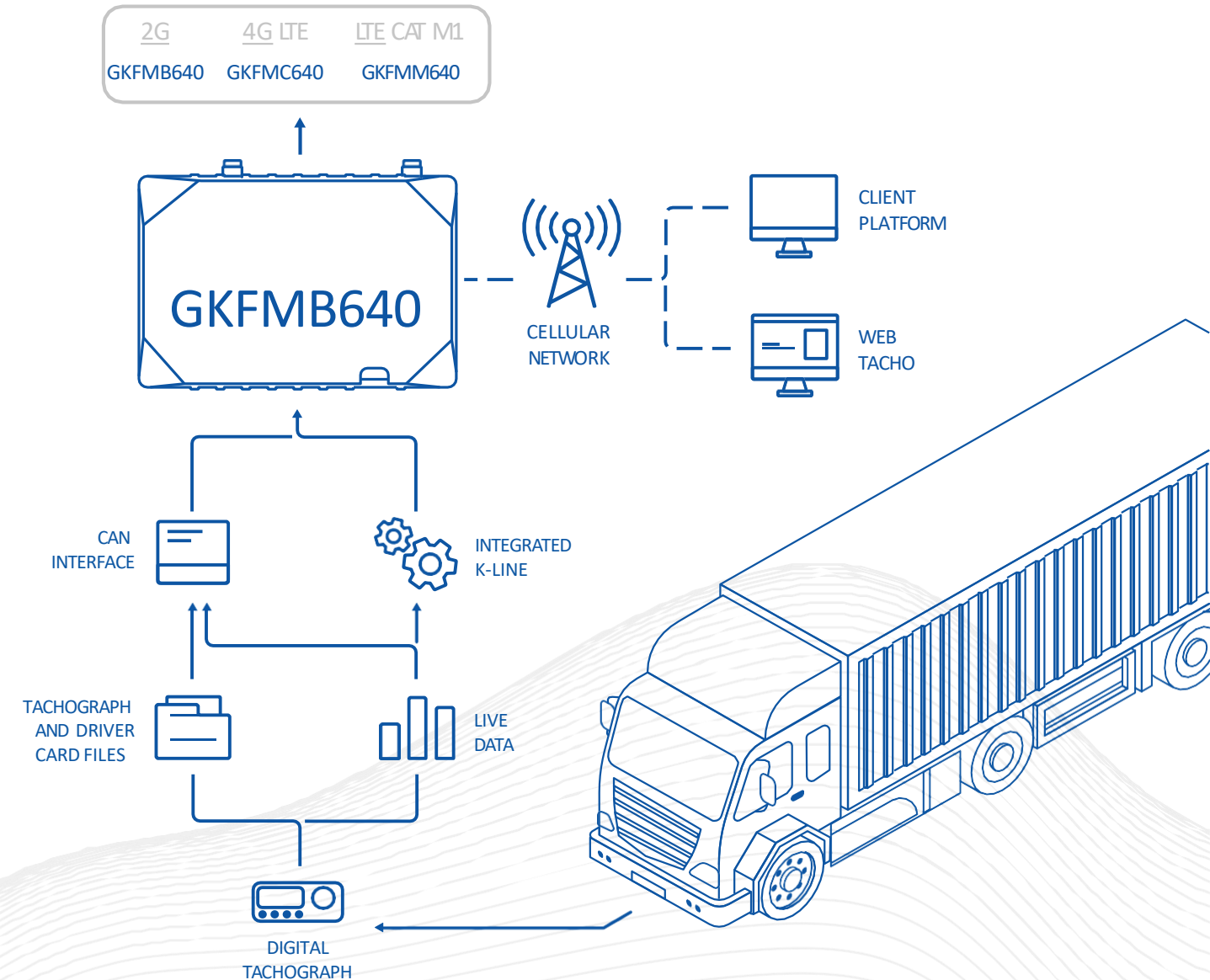
Easy administration of tacho reports – our solution helps save much time and resources otherwise used to go and plug-in directly to tachographs on trucks.

Easily accessible software – our software is web-based and reachable from any device anywhere in the world. In case you decide to develop your own software, you can design it completely by yourself.

Secure tachograph files storage – data is stored on secured server and can only be accessed by the authorized users.



TOPOLOGY



MINING CARGO CONTROL

INTRO

Mining is a highly specific industry with challenges rising throughout various stages of the business cycle. That being said, mining companies can manage their daily activities seamlessly thanks to Geokall solutions. Our professional GPS tracking devices help meet logistical challenges, issues related to remoteness when conventional radio means are not available, and risks of losing cargo due to thefts or other reasons. Maximizing fleet efficiency and effective operations can be readily achieved by mining businesses around the world.

BENEFITS

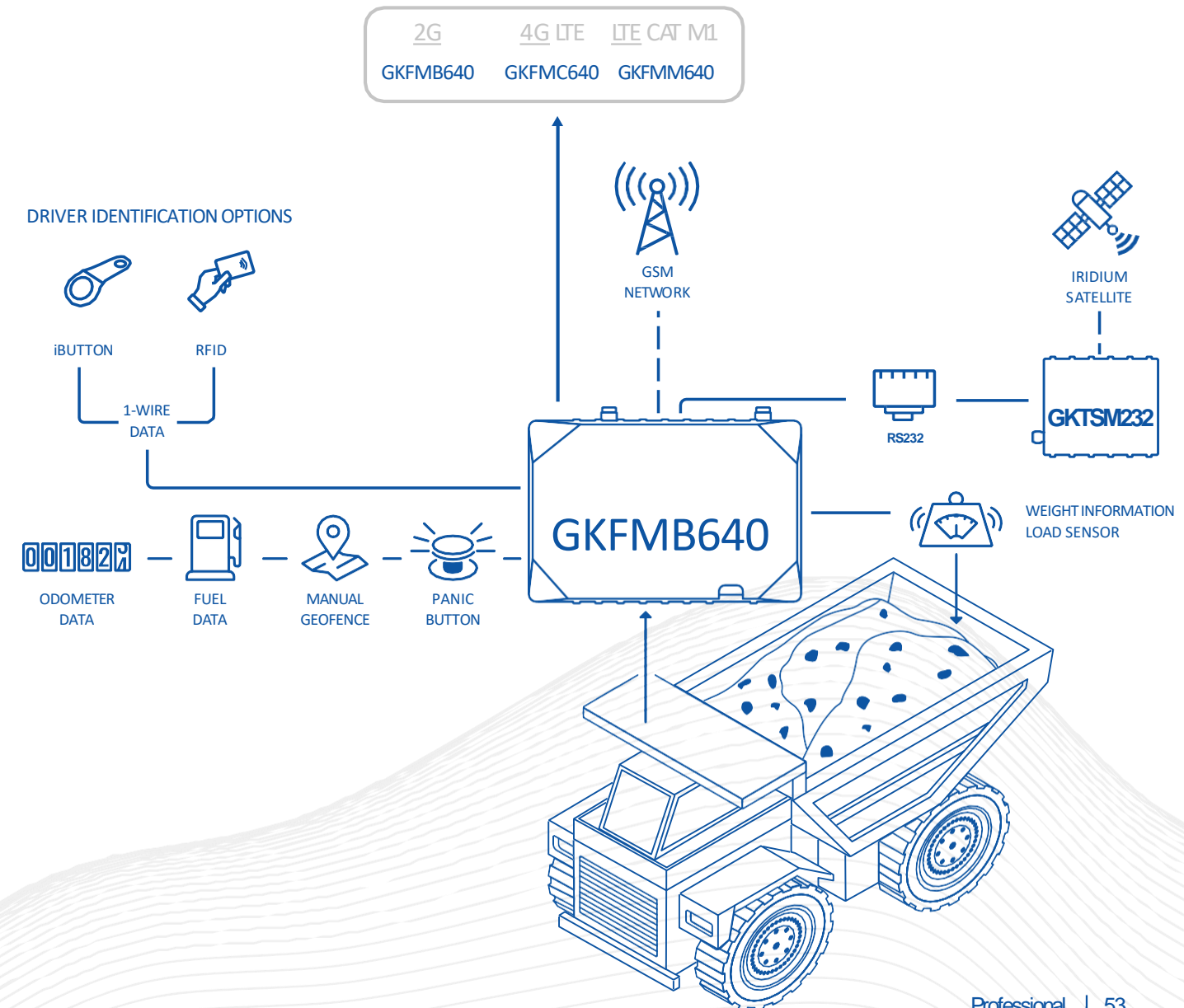
Efficient cargo delivery – made possible by having accurate tracking data and getting information without interruptions even when cellular networks are unavailable.

Protecting cargo to the fullest extent – using geo zones to make sure that cargo does not leave the specified territory and always knowing the exact weight thanks to weight load sensors.

Keeping drivers safe – panic button allows reacting fast in emergency situations.



TOPOLOGY





Solutions

Geokall – IOT Platform CONFIGURATOR, WEB TACHO

EFFICIENT

Ways to configure, update, and download files from tracking devices

COMPLETE

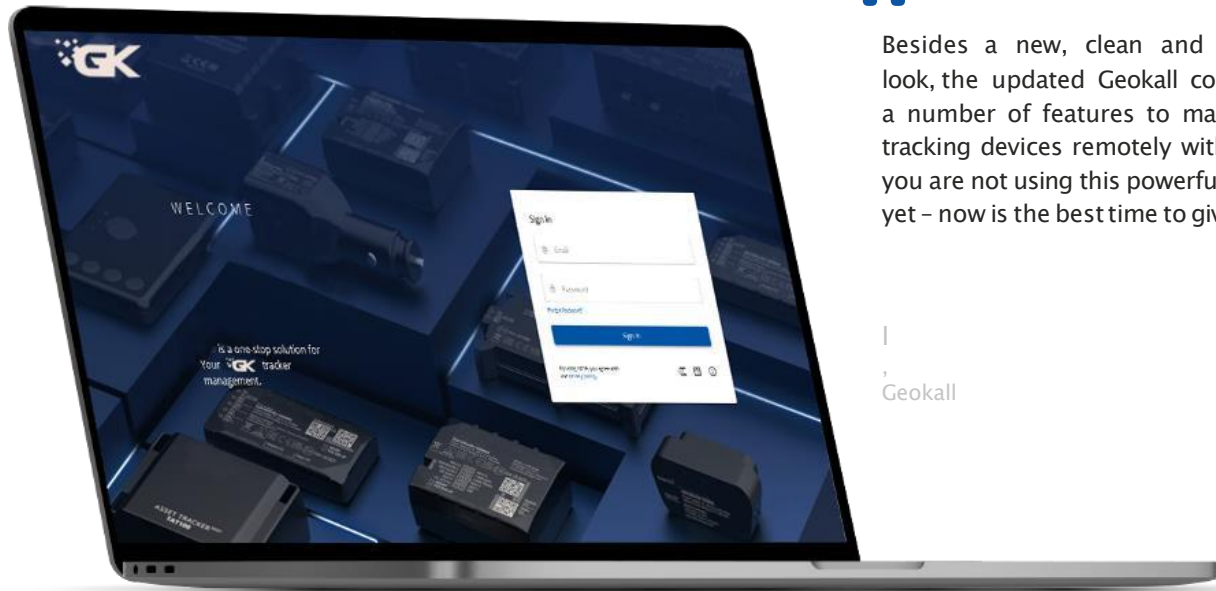
Web solution to download and administer digital tachograph files

REFERENCE

Tools to find answers and become an expert of tracking devices

Geokall-IOT Platform

CLOUDBASED TOOL FOR REMOTE DEVICE MANAGEMENT



“

Besides a new, clean and intuitive look, the updated Geokall comes with a number of features to manage our tracking devices remotely with ease. If you are not using this powerful solution yet – now is the best time to give it a try!

”

Geokall

DEVICE MANAGEMENT

Remotely configure a single or a group of devices. Save configuration templates for different scenarios and conveniently use them when necessary.

HISTORY

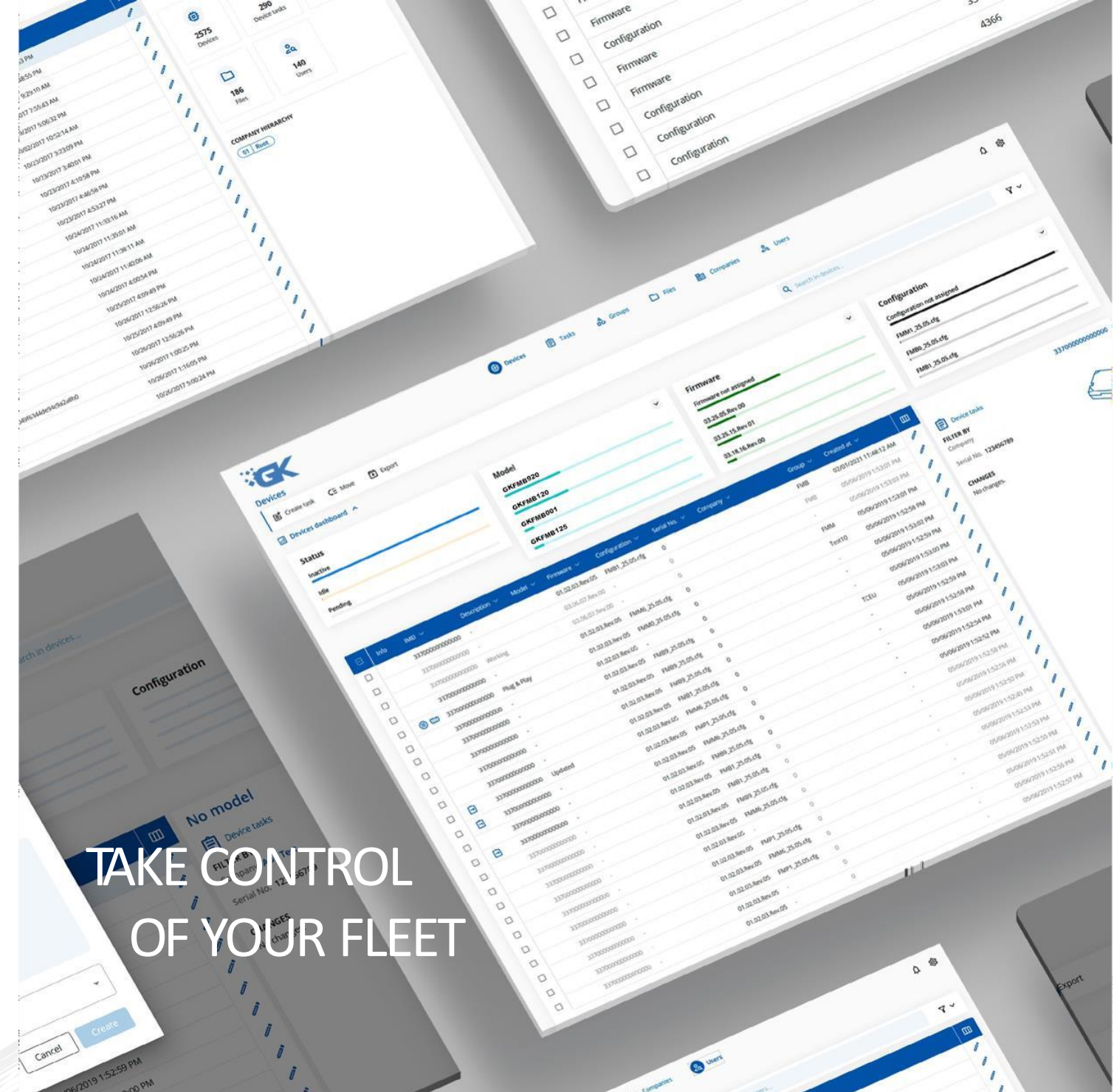
You will always know what kind of actions have been taken with each tracking device at any given time.

SMART GROUPS

Predifined configuration and firmware for particular group of devices for automatic update. Reduce your workload for more efficient device management.

PRE-REGISTERED

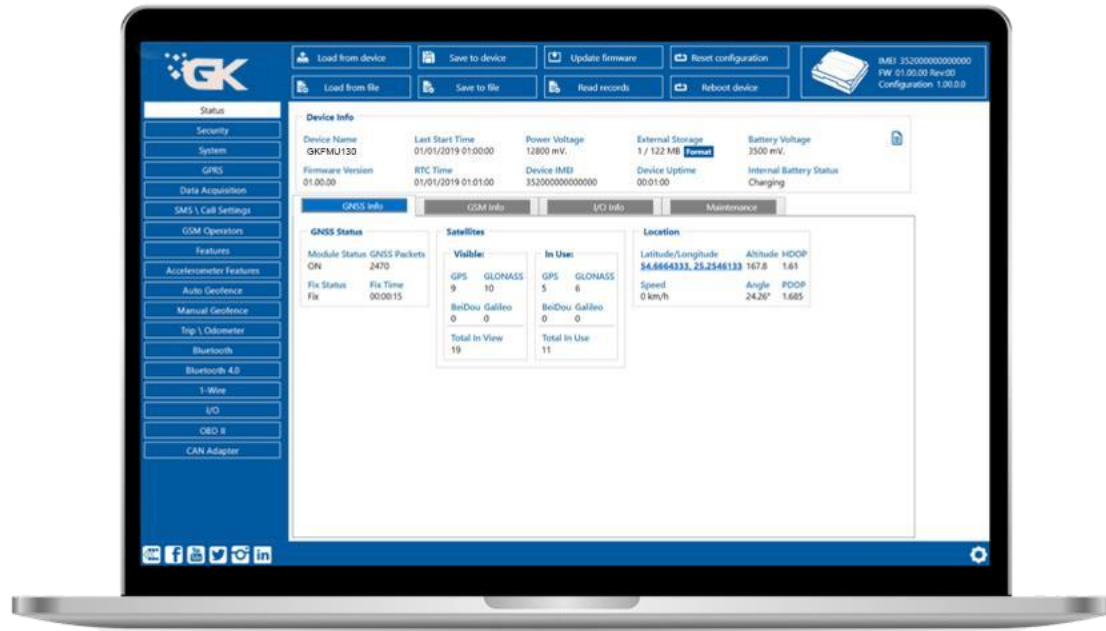
All your new devices come pre-registered and appear on your account right after the purchase.



TAKE CONTROL OF YOUR FLEET

Geokall-IOT CONFIGURATOR

SOPHISTICATED TRACKER MANAGEMENT TOOL



ABOUT

Geokall Configurator software is a sophisticated tracker management tool. With just one application you can manage several types of devices.

This tool lets you also make firmware updates, device diagnostics, status checks, and debug. Configurator supports connection over USB cable and Bluetooth. Advanced tooltips integration allows you to use configurator without any user manuals.

STATUS WINDOW

Live data of all device internal systems

EASY MANAGEMENT

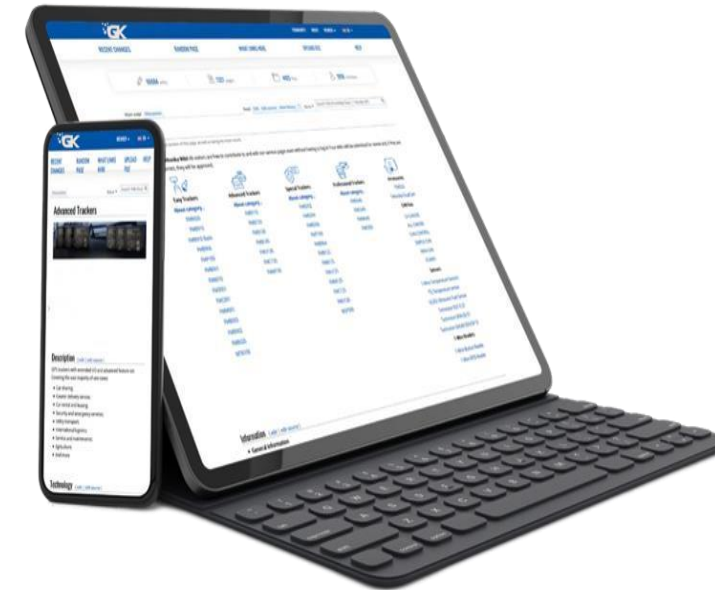
Use one configurator for our current devices

TOOLTIPS

Learn about device features and scenarios

Geokall WIKI

THE MAIN SOURCE OF KNOWLEDGE ABOUT OUR PRODUCTS



“ Geokall Wiki turns our knowledge into customers practice and allows to find answers in real time. Checkout Geokall Wiki for technical documentation, configuration examples, product updates, FAQ and more!

”

Chief of Technical Support Department,
Geokall

VIP HELPDESK

By creating professional relationships, mutual understanding and trust, we strive to bring you the highest quality support available on the market.

CROWD SUPPORT

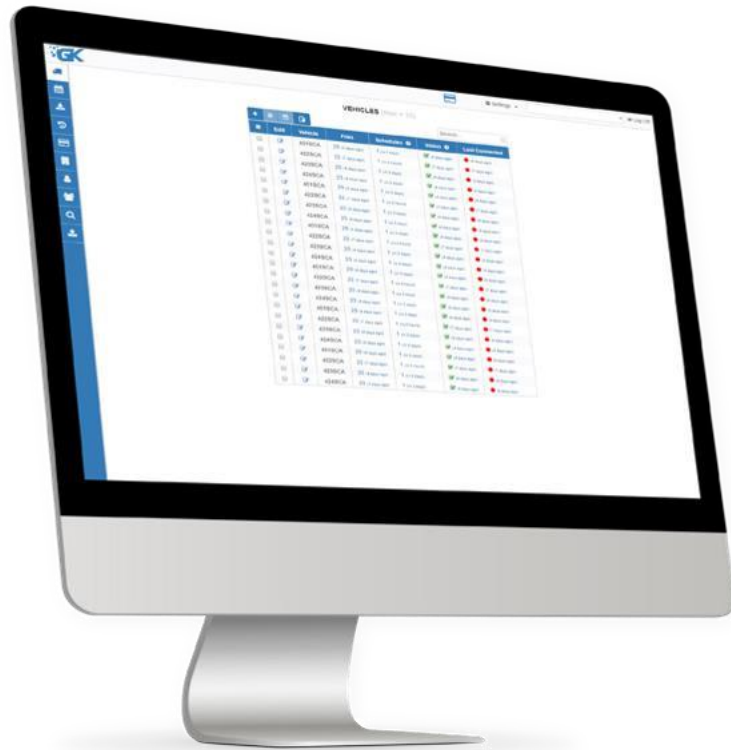
Geokall has established Crowd Support forum where users of Geokall devices can help each other with setting up devices or configuration.

VIDEO GUIDES

A source where you can find lots of useful information: quick start guides, device unboxing, installation guides, solutions and features configuration showcasing.

WEB TACHO

SOLUTION FOR REMOTE TACHOGRAPH DATA FILES MANAGEMENT



ABOUT

Geokall WEB Tacho solution is a big leap forward in remote tachograph data files management. The solution is easily manageable and does not require any complex software. Everything is accessible via a web page, so now you can download tachograph files from any place and from any PC with internet access.

SCHEDULES

Downloads will be made based on configured schedule

SECURE FILE STORAGE

Tachograph data is stored on our secured data server and can be accessed only by authorized users

MULTIPLE FORMATS

European DDD, Spanish TGD and French V1B, C1B

GLOBAL CONNECTIVITY SOLUTION

ONE SUPPLIER – FULL SOLUTION

The fewer suppliers, the more time you save avoiding multiple negotiations, shipping problems and other issues.

500 MB, 5 YEARS

Just one payment and you get a 500 Mb data bundle for the for the next 5 years! SMS messages can be included optionally.

EASY TO TOP-UP

If the data limit is reached before the plan ends, you can top-up under the same conditions to renew your connectivity for the next 5 years again.



ABOUT

Connectivity for Things makes IoT simple. It leverages a global mobile network to connect Geokall-IoT devices anywhere and provides control over connectivity and device activation, also to manage, monitor and analyze your SIM cards and data usage through an easy-to-use internal IoT platform. With the help of this solution, Geokall GPS trackers reduce recurring roaming costs in 110 countries globally.

Accessories

FORTRACKERS

WIRELESS

Sensors and beacons to open new opportunities and optimize your business

SMART

Adapters for CAN bus data reading from all types of transport

HANDY

Cables to effectively shorten the installation time and save your resources



GK-CAN DATA ADAPTERS

GK-CAN200, GK-CAN200+DTC, GK-CAN300



GK-CAN200

Designed to acquire data from light vehicles, vans, trucks, and buses. With GK-LV-CAN200 you can easily get basic parameters such as mileage, fuel level, fuel consumption, RPM, and more.

GK-CAN200+DTC

In addition to default GK-LV-CAN200 version, accessory reads diagnostic trouble codes. Plan your fleet check-ups onwards more efficiently.

GK-ALL-CAN300

Designed to read data from transport types like agriculture, construction, and special transport. GK-ALL-CAN300 is an advanced solution that reads over 100 parameters.

GK-CAN-CONTROL ADAPTERS

GK-CANCONTROL, GK-CANCONTROL+DTC, GK-CANCONTROL+IMMO



GK-CAN-CONTROL

This sophisticated solution allows remote doors and windows control, which is ideal for car sharing and rental businesses.

GK-CAN-CONTROL+DTC

In addition to default CAN-CONTROL version, you will be able to read diagnostic trouble codes from the vehicle ECU and react fast in case of malfunction.

GK-CAN-CONTROL+IMMO

Hardware option with the engine block feature allows you to immobilize vehicle without relay installation and save integration costs.

GK-ECAN01

CONTACTLESS CAN DATA READER

#EASY CAN



ABOUT

ECAN01 offers a contactless connection to the CAN bus of the vehicle, which means no physical wire connections, so original wires are intact. GK-ECAN01 is able to read CAN bus data from cars, trucks, buses, agriculture, special transport and more. Accessory has e-mark approval certificate and is completely safe to use.

COMPATIBILITY

GK-LV-CAN200, GK-ALL-CAN300, GK-FMB140, GK-FMB640, GK-FMM640, GK-FMC640

WARRANTY FRIENDLY

Solution ensures vehicle CAN bus data collection without damaging the wires

1000 kB/s

Wide CAN bus speed range guarantees CAN data reading from plenty types of vehicles

18 MM

Width, extra small casing and removable power source cable for easy installation

GKTSM232

IRIDIUM SATELLITE TERMINAL



ABOUT

Geokall-iot satellite terminal GKM232 can be used to transfer data to server via Iridium satellite network. From North Pole to South Pole - it is the only network system to work at each and every corner of the globe. Hence, the information will be available without interruptions letting you always be in control of your fleet.

COMPATIBILITY

GKB640, GKC640, GKM640

SATELLITE DATA

For a stable data transfer to tracking platform when cellular networks are unavailable

400 mAh

Back-up battery ensures continuous device operation for up to a few hours

RS232

Serial interface to transfer data from Geokall devices

ACCESSORIES

FOR WIRELESS MONITORING



BLE Beacon
Order code (COIN): 258-00062
Order code (PUCK): 258-00081



BLE Temperature sensor
Order code (COIN): 258-00065
Order code (PUCK): 258-00082



BLE Movement sensor
Order code (COIN): 258-00083
Order code (PUCK): 258-00086



BLE Magnetic sensor
Order code (PUCK): 258-00075



BLE Temperature sensor (EN 12830)
Order code: 258-00079



BLE Temperature and humidity sensor
Order code: 258-00078



BLE Beacon label
Order code: 258-00084



Bluetooth temperature and humidity sensor
Order code: 258-00060



1-Wire TTI temperature sensor
Order code: PRIEDASSEN

FOR AUTHORIZED DRIVING



Magnetic iButton key
Order code 230-00012



iButton reader
Order code: 148-00010



RFID reader
Order code: 294-00104



RFID card
Order code: 210-00153

FOR POWER



GKFMB9 power cable for cigarette lighter socket
Order code: PRIEDAS1CK



GKFMB9 1.5 m power cable with fuse
Order code: 023-00133



12-pin power cable for cigarette lighter socket
Order code: 058R-00222



OBD II power cable (female)
Order code: PRIEDAS10J



Power cable with clamp connectors
Order code: 058R-00208



OBD II connection extension cable (90 cm)
Order code: 058R-00182

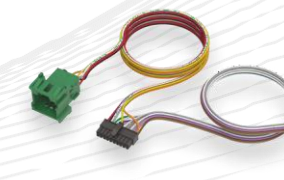


Internal battery 170 mAh Li-ion 3.7V
Order code: 002R-00105

FOR PROFESSIONAL TRACKERS



TACHO cable
Order code: 058R-00208



FMS cable
Order code: 058R-00292



Tachograph Front Panel cable
Order code: 058R-00275



Carrier Reefer cable
Order code: 058R-00284

ACCESSORIES COMPATIBILITY

	GKFB920	GKFB910	GKFB001	GKFB010	GKFC001	GKFM001	GKFB003	GKFB002	GKFB020	GKFM100		GKFB130	GKFM130	GKFC130	GKFM130	GKFB120	GKFB140	GKFM100	GKFB122	GKFB125	GKFM125	GKFC125	GKFM125	GKFM126	GKMP500	GKFB202	GKFB204	GKFB208	GKFB640	GKFC640	GKFM640					
CAN ADAPTERS																																				
GK-LV-CAN200												•	•	•	•	•															•	•	•			
GK-LV-CAN200 + DTC												•	•	•	•	•															•	•	•			
GK-ALL-CAN300												•	•	•	•	•															•	•	•			
GK-CAN-CONTROL												•	•	•	•	•															•	•	•			
GK-CAN-CONTROL + DTC												•	•	•	•	•															•	•	•			
GK-CAN-CONTROL + IMMO												•	•	•	•	•															•	•	•			
GK-ECAN01												¹	¹	¹	¹	¹				¹	¹	¹	¹	¹	¹						•	•	•			
FOR WIRELESS MONITORING																																				
BLE sensors/beacons	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
Bluetooth temperature and humidity sensor	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
1-Wire TJJ temperature sensor												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
FOR AUTHORIZED DRIVING																																				
Magnetic iButton key												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
iButton reader												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
RFID card												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
1-Wire RFID reader												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
FOR POWER																																				
OBD II power cable (female)				•	•	•	•	•	•	•																										
OBD II connection extension cable (90 cm)				•	•	•	•	•	•	•																										
12-pin power cable for cigarette lighter socket												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
GKB9 power cable for cigarette lighter socket	•	•																																		
GKB9 1.5 m power cable with fuse	•	•																																		
Power cable with clamp connectors												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
Internal battery 170 mAh Li-ion 3.7V	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
FOR PROFESSIONAL TRACKERS																																				
TACHO cable																																	•	•	•	
FMS cable																																		•	•	•
Tachograph Front Panel cable																																		•	•	•
Carrier Reefer cable																																		•	•	•
OTHER																																				
GKTSM232 satellite terminal																																		•	•	•

¹ Can be used only in combination with GK-LV-CAN200, GK-ALL-CAN300.

PRODUCTS COMPARISON

HARDWARE	GKFB920	GKFB910	GKFB001	GKFB010	GKFC001	GKFM001	GKFB003	GKFB002	GKFB020	GKFM100	GKFB130	GKFM130	GKFC130	GKFM130	GKFM120	GKFB140	GKFM100	GKFB122	GKFB125	GKFM125	GKFC125	GKFM125	GKFM126	GKMS500	GKFB202	GKFB204	GKFB208	GKFB640	GKFC640	GKFM640		
Cellular connectivity	2G	2G	2G	2G	4G	M1	2G	2G	2G	2G	2G	3G	4G	M1	2G	2G	2G	2G	2G	3G	4G	M1	3G	2G	2G	2G	2G	2G	4G	M1		
Bluetooth	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Cellular antenna	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	E	E	E		
GNSS antenna	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	E	E ¹	I	I	I	I	I	I	I	I	I	E	E	E		
OBDII data	. ²	. ²	•	•	•	•	•	•	•	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²	. ²			
USB Charging										•																						
RGB LED										•																						
Digital Inputs	1	1	1	1							3	3	3	3	3	3			3	1	1	1	1	2		3	3	4	4	4		
Negative Inputs											1	1	1	1		1																
Impulse Inputs	1	1									2	2	2	1	2	2			2	1	1	1	1			2	2	2	2	2		
Analog Inputs	1	1									2	2	2	2	2	2			2	1	1	1	1	1	1	1	1	2	4	4	4	
Digital Outputs	1	1									3	3	3	3	2	2			2	1	1	1	1	2		2	2	2	4	4	4	
1-Wire interface											•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•		
RS232																				•	•	•	•	•	•		•					
RS485																				•	•	•	•				•					
CAN adapters support											•	•	•	•	•				•	•	•	•	•	•				•	•	•		
CAN interface																•												•	•	•		
Configurable alarm button										•																						
Internal battery energy (Wh)	0.63	0.63	0.63	0.63	0.63	0.63	0.148	0.148	0.148	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	4.44	2.88	2.88	6.66	2.96	4.62	4.62	4.62		
IP rating	IP54	IP54	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP65	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP67	IP67	IP67	IP41	IP41	IP41	
Power supply range	6-30 V	6-30 V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	6-30V	6-30V	10-30V	10-30V	10-30V		
1x SIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
eSIM option	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
2x SIM card (Dual-SIM)																			•	•	•	•	•	•	•	•	•	•	•	•	•	
SOFTWARE																																
Real fuel/odometer																																
1-Wire interface RFID functionality											•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	
Eco driving/Green Driving	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fuel monitoring digital LLS																				•	•	•	•	•	•	•	•	•	•	•	•	
Fuel monitoring (CAN adapters, FMS)											•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	
DDD download and Tacho on-line data																																
Crash detection	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Towing detection	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Configuration over Bluetooth	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

I -Internal antenna, E -External antenna.

¹ GKBI25 version with an internal GNSS antenna is available.

² Supported via Bluetooth OBDII dongle.

³ Please contact your Geokall representative for more details.

IOT esim embedded devices are available
IOT white label Platform available in 7Days



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info@Geokall-IOT.com

GET CONNECTED TO THE FUTURE