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TELEMATICS

PRODUCT CATALOG

TELTONIKA | Telematics

September 2023

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FLEET TELEMATICS PLATFORM

We are excited and honoured to unveil our groundbreaking Fleet Telematics platform (aka FT platform), which sets new standards for GPS trackers in the telematics industry. As an evolution of our FMB platform, the new one brings unparalleled performance to each FT platform device, greater capabilities, and competitiveness for our customers and business partners.

A platform - the embedded operating system - is the core element in the development of Teltonika GPS trackers. This is our 5th generation to date. After T-BOX, FM, FMA, and FMB, here comes the game-changing FT.

4x

Efficiency redefined: Experience longer performance with slower drain thanks to a more than 4 times reduction in power consumption in Ultra Deep Sleep mode.*

1.4x

Unmatched accuracy: Benefit from 1.4 times higher GNSS positioning accuracy, so you are always in the know.*

2x

Breaking barriers: Increasing the average number of satellites in use by up to 2 times (41 vs. 18 compared with the FMB platform). The parameter was tested with devices mounted in a car on a 100 km route with 40% in Vilnius city and 60% outside the city.*

IP69K

Ultimate durability: With an IP69K-rated waterproof casing, customers can count on robust protection even in the harshest environments (available only on selected models).

*The results presented are based on the thorough testing carried out by Teltonika Telematics R&D team.

FLEET TELEMATICS
NEW PLATFORM

TELTONIKA | Telematics

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HIGHLY ACCURATE &
BUILT TO STAND OUT

Experience the power of precision and the bright future of telematics. We introduce the first 3 innovative vehicle GPS trackers based on the Fleet Telematics platform - FTC921, FTC961, and FTC881 models. They offer a set of new features and redesigned casings, opening up great business opportunities for your IoT projects.

FTC961

The BASIC category vehicle GPS tracker with high voltage 4G LTE Cat 1 connectivity for optimal performance. This model features enhanced GNSS accuracy to ensure precise location tracking of fleets. Its waterproof IP69K-rated casing provides reliable protection against harsh weather conditions.

IP rating	IP69K
Pinout	5
Cable	Standard
Battery capacity	320 mAh
Voltage	10-90V

FTC921

The BASIC category high voltage 4G LTE Cat 1 vehicle GPS tracker is designed to provide exceptional GNSS accuracy, ensuring precise location tracking for vehicles. Optimised sleep modes effectively minimise vehicle battery drain. The model is engineered to meet the business needs of reliable vehicle monitoring.

IP rating	IP41
Pinout	5
Cable	Standard
Battery capacity	170 mAh
Voltage	10-90V

FTC881

This high voltage 4G LTE Cat 1 vehicle GPS tracker falls into the FAST & EASY category. It is specifically designed to be battery-mounted and quick to install. With enhanced GNSS accuracy and a robust IP69K-rated casing, this tracker offers reliable performance and durability.

IP rating	IP69K
Pinout	2
Cable	U-type
Battery capacity	320 mAh
Voltage	10-90V

USE CASES

The world we live in today is connected. Inspired by the creativity of our customers and business partners, we share potential use cases that show how Teltonika Telematics products can help in various industry sectors.

Find all use cases

FLEET TELEMATICS

Merging the best of telecommunications and informatics, telematics offers unique ways to monitor a vehicle. From motorbikes to heavy trucks and lorries, from a single passenger car to huge fleets – there is a solution for each and every client. Telematics is the key to effective resource management, optimisation of costs, and safety across a range of industries.

E-MOBILITY MANAGEMENT

The trackers that have accurate location reporting, remote lock/unlock features, battery level and status, data, etc. From sharing services and fleet management to anti-theft and cargo delivery applications, these devices are ideally suited for e-scooters, e-bikes, e-forklifts, and other smart e-vehicles.

CAR SHARING, RENTAL & LEASING

Knowing vehicle's current location, status, and track history is crucial for all car sharing and rental service providers. Gain full control of your fleet with our solutions – prevent theft with remote car lock management, receive notifications of possible contract violations, and monitor driver behaviour and areas where the vehicles are driven.

DRIVER SAFETY

In the dynamic landscape of vehicle telematics, ensuring driver safety is paramount. It underlines our commitment to making journeys safer, smarter, and more efficient. Harnessing the power of telematics, Teltonika GPS trackers and accessories help monitor driver behaviour, predict potential hazards, and ultimately protect the most valuable asset of all - people.

LOGISTICS & DELIVERY SERVICES

Modern-day logistics require a considerable amount of information for business optimisation. It is not enough just to get the GPS coordinates of your vehicle's current location. With fuel consumption, driven distance, and many other parameters at hand, you will manage your fleet resources effectively. No expenses will be left unaccounted for. Monitoring driver activities will allow you to be in control of your staff, while temperature data will make you sure that goods are delivered of high quality.

UTILITY & EMERGENCY TRANSPORT

The safety and life quality of our society highly depend on the ability to manage the transport of utility and emergency services properly. Owing to our solutions, operators will always know the current location and status of any vehicles, including maintenance machinery, ambulances, police fleets, etc. With the help of modern tracking technology, timely responses to unforeseen situations and efficient routine operations can be effectively ensured.

AGRICULTURE, CONSTRUCTION & MINING

With our innovative telematics solutions, you will have full control over the agricultural machinery by knowing its current position, driver activities, and other vital information. Similarly, managing construction and mining machinery is a complex task that can lead to huge expenditures if done improperly. The benefits of using our GPS tracking devices include protecting your equipment from theft, reducing fuel expenses, and enhancing safety.

ASSETS & WORKFORCE

There are countless fleet assets and items around the world that are difficult to track and locate manually. Asset GPS trackers are designed to effectively monitor such items and provide additional protection against theft. Even more, Teltonika autonomous workforce tracking devices ensure the personal safety of vulnerable people and those who carry out activities without close supervision by others, such as healthcare, maintenance, social, and lone workers.

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FAST & EASY

CATEGORY OF TRACKERS

QUICK

installation and device setup with no special skills or tools required

IDEAL

choice to install large quantities of devices in a short period of time

ACCURATE

and detailed crash trace data based on 3-axis accelerometer

FMC880 | 4G

Waterproof high GNSS precision battery-mounted tracker

New

New

KEY FEATURES

IMPROVED GNSS TRACKING ACCURACY*

Standalone L1 and L5 dual-band GNSS receiver ensures better track quality and quick time to first fix

FAST INSTALLATION

Virtually anyone can mount the device in 5 minutes or less directly on a car battery

COMPACT & ROBUST CASING

IP65-rated casing is designed to withstand poor weather conditions

PINOUT

Red
+10...30 V DC

Black
GND
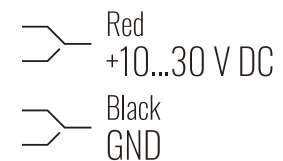
*only FMC880 & FMM880

CONNECTIVITY OPTIONS

FMC880 | 4G M1 2G

Reliable 4G (LTE Cat 1) connection with fallback to 2G (GSM) network

FMM880 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT connectivity

FMT100 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network

ACCURATE AND DETAILED CRASH TRACE DATA

Crash detection functionality based on 3-axis built-in accelerometer with fully configurable parameters through our software to ensure accurate crash trace data

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FMC800 | 4G
FMM800 | M1

Plug & Play trackers

KEY FEATURES

FUTURE-PROOF NETWORK SUPPORT

Global network coverage for a wider range of markets and projects

OBD PORT CONNECTOR

Hassle-free wireless device installation to save company resources and preserve vehicle warranty

CRASH DETECTION

Built-in accelerometer ensures accurate crash trace data for evaluation, evidence, and prompt emergency calls

CONNECTOR
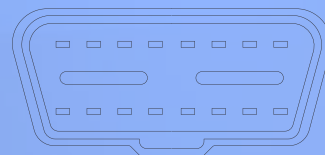
KEY FEATURES

RELIABLE GLOBAL COVERAGE

LTE Cat M1 and NB IoT connectivity support with fallback to 2G ensures wide-ranging coverage for your fleet management needs

EFFORTLESS PLUG & PLAY INSTALLATION

Simply plug the device in OBD-II port and start tracking

ACCURATE AND DETAILED CRASH TRACE DATA

Crash detection functionality based on 3-axis built-in accelerometer with fully configurable parameters through our software to ensure accurate crash trace data

CONNECTOR
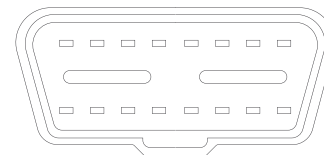
FMM80A | M1

Plug & Play tracker designed for North America

New

FMB020
FMB010 | 2G

Plug & Play trackers for a wide range of use cases

ULTRA-SMALL CASING*

29.1 mm width casing allows FMB020 to fit perfectly in any car

EFFORTLESS PLUG & PLAY INSTALLATION

Simply plug the device in OBD-II port and start tracking

ECO DRIVING SCENARIO

Achieve efficient fuel consumption, prolong vehicle life, and increase road safety with eco driving scenario

CONNECTOR

*only FMB020

CUSTOM BUILT-IN BUTTON

Press the button and generate an alarm event in case of an accident or use it as a switch for Private/Business trips

DEVICE STATUS AND VEHICLE EVENTS

Built-in RGB LED and buzzer help a driver know the device status and the events of a vehicle

CHARGER FOR EXTERNAL DEVICES

Practical feature suitable for external devices, such as smartphones, pods, etc.

CONNECTOR

FMP100 | 2G

Plug & Play tracker connected via cigarette lighter socket
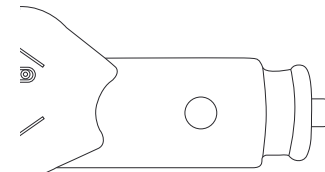
VALUABLE

tracking and diagnostic features extended with Bluetooth application scenarios

UNMATCHED

popularity and applicability in a variety of use cases

PRECISE

ways to monitor vehicle whereabouts, health, and operational details

BASIC

CATEGORY OF TRACKERS

FMB930 | 2G

Small tracker for electric two-wheelers and similar vehicles

New

KEY FEATURES

ULTRA-LOW 1 mA POWER CONSUMPTION

Innovative Power Off sleep mode ensures an ultra-low power consumption

10-90 V POWER SUPPLY FOR INTEGRATION VARIETY

Ensuring smooth use in e-motorcycles, e-mopeds, e-rickshaws, and other EVs

EXTENDED OPERATION WITHOUT EXTERNAL POWER SOURCE

Prolonged autonomous usage with internal 170mAh battery, while the device is in the unique Power Off sleep mode

PINOUT

⊙	Red +10...90 V DC
⊙	Black GND
⊙	Yellow DIN 1
⊙	Grey DOUT 2
⊙	White DOUT 1

THE LEGEND SUPERCHARGED

FMC920 | 4G

The most popular compact model for basic tracking

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network coverage with fallback to 2G – guaranteed future-proof network support for your fleet

SLIM DESIGN TO FIT THE TIGHTEST SPACES

12 mm-height device can be easily fitted in the tightest spaces

ECO DRIVING SCENARIO

Achieve efficient fuel consumption, prolong vehicle life, and increase road safety with eco driving scenario

PINOUT

⊙ Red
+10...30 V DC

⊙ Black
GND

⊙ Yellow
DIN 1

⊙ Grey
AIN 1

⊙ White
DOUT 1

FMC920 | 4G M1 2G

Reliable 4G (LTE Cat 1) connection with fallback to 2G (GSM) network

FMM920 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT connectivity

FMB920 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network

REMOTE CONTROL POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

BLOCK THE ENGINE

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FMB910 FMB900 | 2G

Low-cost models for basic tracking

KEY FEATURES

ANTI-THEFT SOLUTION

Jamming detection scenario to help prevent theft or to recover a stolen vehicle

EXTENSIVE REMOTE MONITORING POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

ECO DRIVING SCENARIO

Achieve efficient fuel consumption, prolong vehicle life, and increase road safety with eco driving scenario

PINOUT

⊙ Red
+6...30 V DC

⊙ Black
GND

⊙ Yellow
DIN 1

⊙ Grey
AIN 1

⊙ White
DOUT 1

KEY FEATURES

ULTRA-LOW 1 mA POWER CONSUMPTION

Innovative Power Off sleep mode for ultra-low 1 mA power consumption

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides trusted protection against dust and resistance to water

PROLONGED AUTONOMOUS DEVICE USAGE

Large-capacity 1,200 mAh Li-ion internal backup battery for prolonged autonomous usage

PINOUT

⊙ Red
+10...30 V DC

⊙ Yellow
DIN 1

⊙ Blue
DOUT 1

⊙ Grey
DOUT 2

⊙ Black
GND

FMB965 | 2G

Low-energy consumption and waterproof tracker for motorcycles

ADVANCED

CATEGORY OF TRACKERS

FLEXIBLE

hardware features combined with practical accessories for advanced use cases

ROBUST

assembly and high protection even in the harshest conditions

ALL-ROUND

solutions for vehicle immobilization and driver authentication

FMC230 | 4G

Waterproof 4G LTE Cat 1 tracker
with flexible inputs

KEY FEATURES

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network
coverage with fallback to
2G – guaranteed future-proof
network support for your fleet

NO ADDITIONAL TOOLS NEEDED

Innovative click-type two-phase
closing with no additional tools
needed

DIFFERENT CABLE OPTIONS

Standard and U-type cable options
available to ensure easy and fast
installation

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
DIN 2-N/AIN 1	4	10	1-WIRE POWER
DIN 3/AIN 2	3	9	DOUT 2
DOUT 3	2	8	DOUT 1
+10...30 V DC	1	7	GND

CONNECTIVITY OPTIONS

FMC230 | 4G M1 2G

Reliable 4G (LTE Cat 1) connection with
fallback to 2G (GSM) network

FMM230 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT
connectivity

FMB230 | 2G 4G M1

Base model that supports GSM, Quad-
band 2G network

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides
trusted protection against dust and
resistance to water

FMC130 | 4G

Advanced 4G LTE Cat 1 tracker with flexible inputs and CAN adapter support
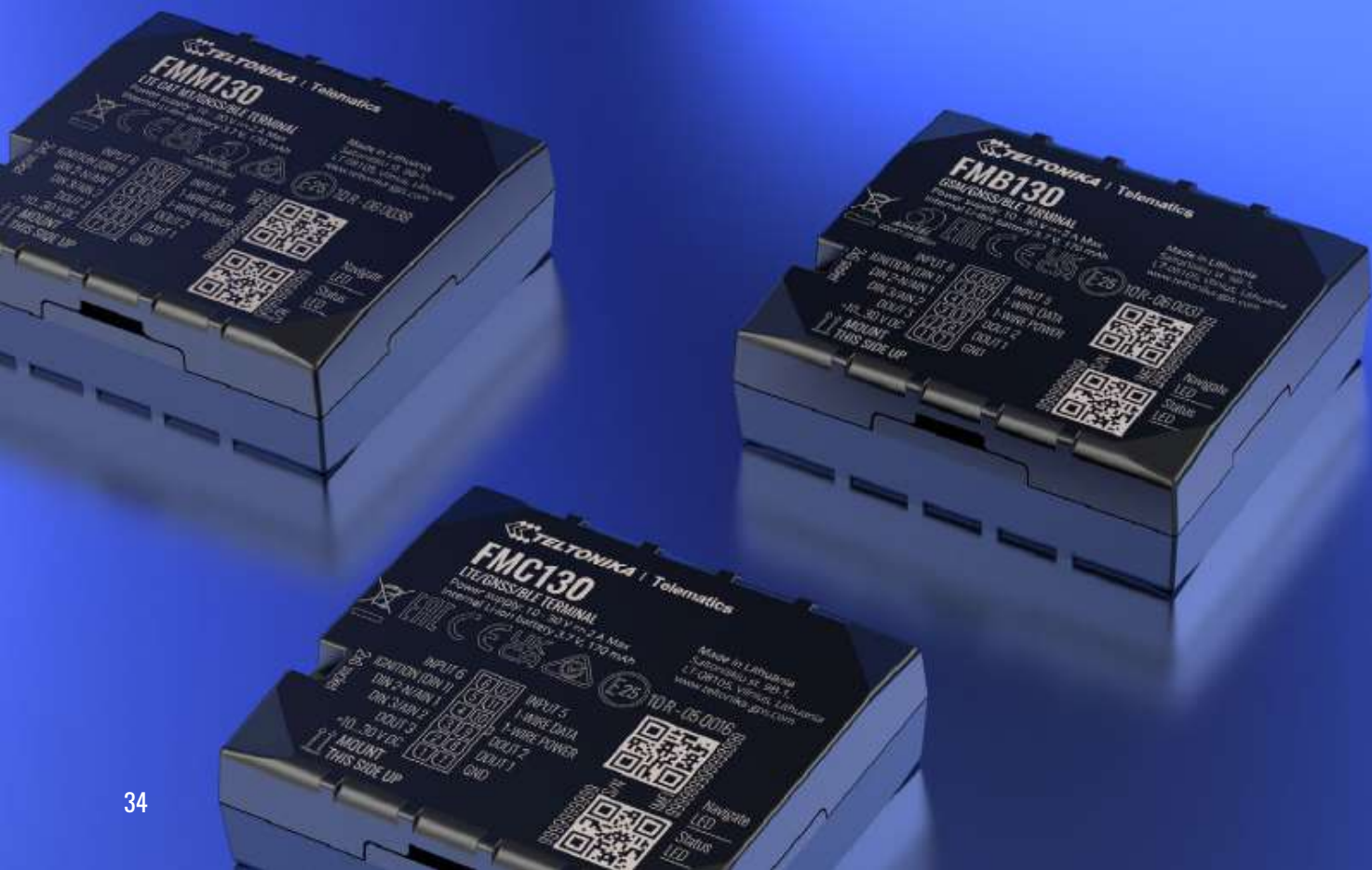
KEY FEATURES

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network coverage with fallback to 2G – guaranteed future-proof network support for your fleet

EXTENSIVE REMOTE MONITORING POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

ACCURATE FUEL USAGE CONTROL

Impulse input for fuel flow meters data reading and precise fuel usage control

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
DIN 2-N/AIN 1	4	10	1-WIRE POWER
DIN 3/AIN 2	3	9	DOUT 2
DOUT 3	2	8	DOUT 1
+10...30 V DC	1	7	GND

CONNECTIVITY OPTIONS

FMC130 | 4G M1 2G

Reliable 4G (LTE Cat 1) connection with fallback to 2G (GSM) network

FMM130 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT connectivity

FMB130 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network

CAN-CONTROL SUPPORT

Remote control of vehicle doors and windows, making it an ideal solution for car sharing and rental businesses

FMC13A | 4G
FMM13A | M1

Advanced trackers with flexible inputs designed for North America

KEY FEATURES

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network coverage – guaranteed future-proof network support for your fleet

EXTENSIVE REMOTE MONITORING POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

CAN ADAPTER SUPPORT

Reading fuel, odometer, RPM, engine temperature, and more data from light & electric vehicles, trucks, buses, and special machinery

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
DIN 2-N/AIN 1	4	10	1-WIRE POWER
DIN 3/AIN 2	3	9	DOUT 2
DOUT 3	2	8	DOUT 1
+10...30 V DC	1	7	GND

WIKI KNOWLEDGE BASE

The main source of all technical information related to Teltonika Telematics products

Visit our WIKI

FMB110 | 2G

Tracker for remote fleet monitoring

KEY FEATURES

TEMPERATURE MONITORING AND MORE

1-Wire interface to monitor temperature data and RFID/iButton tags

ECO DRIVING SCENARIO

Achieve efficient fuel consumption, prolong vehicle life, and increase road safety with eco driving scenario

EXTENSIVE REMOTE MONITORING POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
DIN 2	4	10	1-WIRE POWER
DIN 3/AIN 2	3	9	DOUT 2
AIN 1	2	8	DOUT 1
+10...30 V DC	1	7	GND

FMB120 FMB122 | 2G

Trackers for remote fleet monitoring

KEY FEATURES

TEMPERATURE MONITORING AND MORE

1-Wire interface to monitor temperature data and RFID/iButton tags

EXTENSIVE REMOTE MONITORING POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

OPERATION WITHOUT EXTERNAL POWER SOURCE

170 mAh backup battery allows device to work without external power source

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
DIN 2	4	10	1-WIRE POWER
DIN 3/AIN 2	3	9	DOUT 2
AIN 1	2	8	DOUT 1
+10...30 V DC	1	7	GND

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FMB204 | 1.8 Ah
FMB202 | 0.4 Ah

2G tracking devices with a robust IP67 casing and 6-30 V voltage range

PERFECT FOR TWO-WHEELERS

Power supply from 6 V makes these devices ideal for all kinds of vehicles, including two-wheelers

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides trusted protection against dust and resistance to water

PROLONGED AUTONOMOUS DEVICE USAGE

1,800 mAh Li-ion or 400 mAh Ni-MH back-up batteries for prolonged autonomous usage

PINOUT

- +6...30 V DC
- GND
- IGNITION (DIN 1)
- DIN 2
- DIN 3
- AIN 1
- DOUT 1
- DOUT 2
- 1-WIRE DATA
- 1-WIRE POWER

FMB209 | 2G

Tracker with RS232 interface certified for transport in India

CERTIFIED FOR TRANSPORT IN INDIA

AIS140-compliant tracker for all public transportation systems in India

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides trusted protection against dust and resistance to water

FUEL MONITORING AND MORE

RS232 serial interface for fuel monitoring and other external data reading

PINOUT

- [+10...30V DC]
- [GND]
- [IGNITION (DIN1)]
- [DIN2]
- [DOUT1]
- [AIN1/DIN3]
- [RS232-TX]
- [RS232-RX]
- [AIN2/DIN4]
- [DOUT2]

OBD DATA

CATEGORY OF TRACKERS

INCREDIBLY

small OBD tracking devices for rich connected car applications

HANDY

OBD & OEM data like mileage, RPM, fuel level, and DTC for cost-efficient fleets

1,250+

supported vehicle models including light vehicles, trucks, EVs, and buses

FMC003 | 4G

Tracker with OBD OEM data reading

KEY FEATURES

READING OBD OEM PARAMETERS

Get real odometer & real fuel level data

KNOW THE SUPPORTED VEHICLES AND DATA

Supported vehicle list with all available manufacturer models and parameters

EFFORTLESS PLUG & PLAY INSTALLATION

Simply plug the device in OBD-II port and start tracking

CONNECTOR
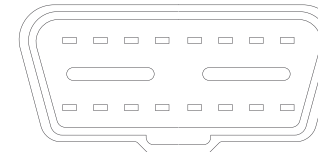
CONNECTIVITY OPTIONS

FMC003 | 4G 2G M1

Reliable 4G (LTE Cat 1) connection with fallback to 2G (GSM) network

FMM003 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT connectivity

FMB003 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network

FMB001 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network

1,250 VEHICLE MODELS SUPPORTED

For your convenience, the supported models include 70 EVs and 1,180 internal combustion engine vehicles

FMCOOA | 4G
FMMOOA | M1

Advanced Plug & Play OBD-II
trackers designed for North America

KEY FEATURES

RELIABLE GLOBAL COVERAGE

LTE Cat M1 and NB IoT connectivity
support - extended coverage for your
fleet management needs

READING OBD OEM PARAMETERS

Get real odometer & real fuel level data

KNOW THE SUPPORTED VEHICLES
AND DATA

Supported vehicle list with all available
manufacturer models and parameters

CONNECTOR
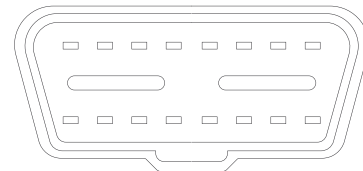
ELD PLUG & PLAY
TRACKERS FOR
NORTH AMERICA
MARKET

500+

passenger car and heavy-duty
vehicle models supported in
North America

uscellular   FC   IC   AT&T   PTCRB
Industry Certified, Network Ready.

MULTIPLE

CAN parameters to ensure timely fleet maintenance and service

SMART

adapters for CAN bus data reading from all types of transport

REMOTE

control of vehicle doors and windows for car sharing solutions

CAN DATA

CATEGORY OF TRACKERS

FMC150 | 4G

Advanced GPS tracker with integrated CAN data processor

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network coverage with fallback to 2G – guaranteed future-proof network support for your fleet

CAN DATA READING FROM EVs

Bringing new value and expanding usage scenarios with more than 70 supported vehicles in the EV market

KNOW THE SUPPORTED VEHICLES AND DATA

Supported vehicle list (over 1,600 and 80 EVs) with all available manufacturer models and parameters

PINOUT

CAN1 L	6	12	CAN1 H
CAN2 L	5	11	CAN2 H
IGNITION (DIN 1)	4	10	1-WIRE DATA
DIN 2-N/AIN 1	3	9	DOUT 2
DIN 3/AIN 2	2	8	DOUT 1
+10...30 V DC	1	7	GND

FMC150 | 4G M1 2G

Reliable 4G (LTE Cat 1) connection with fallback to 2G (GSM) networks

FMM150 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT connectivity

FMB150 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network

BUILT-IN CAN BUS DATA READING CHIP

Reading CAN data from light & electric vehicles, trucks, buses, and special machinery

FMB240 | 2G

Tracker with waterproof IP67 casing

KEY FEATURES

BUILT-IN CAN BUS DATA READING CHIP

Reading CAN data from light & electric vehicles, trucks, buses, and special machinery

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides trusted protection against dust and resistance to water

NO ADDITIONAL TOOLS

Innovative click-type two-phase closing with no additional tools needed

PINOUT
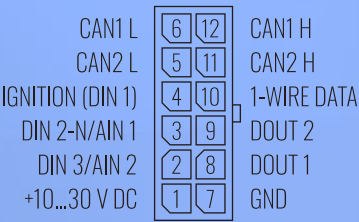
CAN1 L	6	12	CAN1 H
CAN2 L	5	11	CAN2 H
IGNITION (DIN 1)	4	10	1-WIRE DATA
DIN 2-N/AIN 1	3	9	DOUT 2
DIN 3/AIN 2	2	8	DOUT 1
+10...30 V DC	1	7	GND

FMB140 | 2G

Tracker with integrated CAN reader

KEY FEATURES

BUILT-IN CAN BUS DATA READING CHIP

Reading CAN data from light & electric vehicles, trucks, buses, and special machinery

HELPFUL WIRING GUIDES

Efficient connection with wiring guides for each supported vehicle

ECO DRIVING SCENARIO

Achieve efficient fuel consumption, prolong vehicle life, and increase road safety with eco driving scenario

PINOUT

CAN1 L	6	12	CAN1 H
CAN2 L	5	11	CAN2 H
IGNITION (DIN 1)	4	10	1-WIRE DATA
DIN 2-N/AIN 1	3	9	DOUT 2
DIN 3/AIN 2	2	8	DOUT 1
+10...30 V DC	1	7	GND

ECANO2

New-generation warranty-friendly CAN adapter for contactless access to CAN bus data

New

KEY FEATURES

CONTACTLESS CAN READING

The device reads up to 100% of available CAN data in 1,000 kb/s

LED INDICATORS

Know exactly if you have installed the adapter properly to define when the data is being transmitted

WARRANTY-FRIENDLY

No physical wire connections – the original wires are intact to make sure you keep car warranty

PINOUT

⊙ CAN L
⊙ CAN H
⊙ +10…30 V DC
⊙ GND

Non-intrusive and warranty friendly

CAN DATA READING

▶ Watch now

CAN DATA ADAPTERS

Light, heavy-duty, and special transport CAN data readers

KEY FEATURES

LV-CAN200

Designed to acquire mileage, fuel level, fuel consumption, RPM, and more parameters from light vehicles, vans, trucks, and buses

LV-CAN200+DTC

Additional feature to read diagnostic trouble codes and help you plan more efficient fleet check-ups

ALL-CAN300

Advanced solution to read over 100 parameters from agriculture, construction, and special transport

PINOUT

1	CAN 1 H
2	CAN 1 L
3	+9...63 V DC
4	GND
5	RS232 TX
6	RS232 RX
7	
8	
9	CAN 2 L
10	CAN 2 H

CAN CONTROL ADAPTERS

CAN data readers for remote control

KEY FEATURES

CAN-CONTROL

Remote control of vehicle doors and windows, making it an ideal solution for car sharing and rental businesses

CAN-CONTROL+DTC

Additional feature to read diagnostic trouble codes from the vehicle ECU and react fast in case of malfunction

CAN-CONTROL+IMMO

The option with the engine block feature to immobilize a vehicle without a relay installation, saving integration cost

PINOUT

1	CAN 1 H
2	CAN 1 L
3	CAN 2 H
4	CAN 2 L
5	CAN 3 H
6	CAN 3 L
7	BLINKER CONTROL
8	C/L CONTROL

1	
2	
3	
4	
5	RS232 TX
6	RS232 RX
7	
8	
9	
10	GROUND
11	+9...16 V DC

EXCELLENT

solutions for e-motorbikes,
e-scooters, e-bikes, and
e-forklifts

PERFECT

for fleet managers in corporate
sharing, delivery, and other
businesses

SOLID

power supply up to 97 V for
a wide variety of high-voltage
machinery

E-MOBILITY

CATEGORY OF TRACKERS

TFT100 | 2G

Tracker with high-voltage support
for e-mobility & heavy machinery

KEY FEATURES

EASILY ADAPTED

Data reading without additional firmware
changes or any externally connected
devices with CAN, RS232, RS485, and
UART interfaces

EXTENDED PRODUCT USAGE SCENARIOS

Bluetooth LE-based wireless connection
of external devices, including Low Energy
beacons and sensors, to monitor
temperature, humidity, magnet detection,
and movement

PROTECTION AGAINST DUST AND WATER

Use it anywhere, as the IP67-rated
casing provides water and dust
resistance for usage in harsh conditions

PINOUT

⊙ Red
   +10...97 V DC

⊙ Black
   GND

⊙ Yellow
   1 WIRE POWER

⊙ White/Green
   CAN-H

⊙ White
   CAN-L

⊙ Grey
   AIN2/DIN2

⊙ White/Orange
   DOUT1/DIN3

⊙ Violet
   DOUT2/DIN4

⊙ Green
   AIN1/DIN1

⊙ Blue
   1-WIRE DATA

FULL POSSIBILITIES OF TFT100 & FMB930

Watch the
webinar
recording

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 complex use cases

PROFESSIONAL

CATEGORY OF TRACKERS

FMC650 | 4G
FMM650 | M1

Trackers with high capacity backup battery and RS232, RS485 serial communication interfaces to connect external devices

New

KEY FEATURES

RELIABLE GLOBAL COVERAGE AND SEPARATE GNSS MODULE

Reliable 4G connection with fallback to 2G network ensures wide-ranging coverage of your fleet management needs. This model uses a separate module to gather GNSS data and has dual-channel, L1 + L5 support

REMOTE DOWNLOAD OF TACHOGRAPH FILES AND LIVE DATA

Update (FMC650 + FMM650 only) Tachograph live data reading via K-Line, Tacho CAN, or FMS connections for everyday driver management and fleet efficiency

CAN DATA READING FROM HEAVY VEHICLES AND SPECIAL MACHINERY

Read J1939 data that includes standard CAN FMS from heavy vehicles like trucks and raw J1939 data from special machinery, such as construction cranes or electric buses. Possibility to connect to CAN line with multiple nodes

PINOUT

AIN 3	10	20	K-Line
DOUT 2	9	19	DOUT 1
DOUT 3	8	18	DOUT 4/AIN 4
AIN 2	7	17	AIN 1
CAN2 LOW	6	16	CAN2 HIGH
DIN 2	5	15	DIN 1
DIN 4	4	14	DIN 3
1-WIRE POWER	3	13	1-WIRE DATA
CAN1 LOW	2	12	CAN1 HIGH
GND	1	11	+8...32 V DC
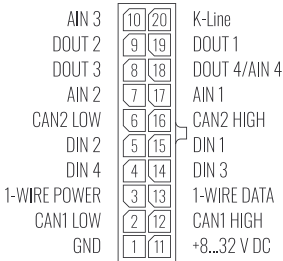
FMS DATA FROM
ELECTRIC TRUCKS

FMB641 | 2G

Tracker with tachograph and CAN data reading

KEY FEATURES

REMOTE DOWNLOAD OF TACHOGRAPH FILES AND LIVE DATA

Tachograph live data reading via K-Line, ALL-CAN, Tacho CAN, or FMS connections for everyday driver management and fleet efficiency

CAN DATA READING FROM HEAVY VEHICLES AND SPECIAL MACHINERY

Read J1939 data that includes standard CAN FMS from heavy vehicles like trucks and raw J1939 data from special machinery, such as construction cranes or electric buses

CONNECTING EXTERNAL DEVICES

2x RS232 and 1x RS485 serial communication interfaces for connecting external devices, such as thermographs, sensors, RFID readers, and more

PINOUT

AIN 3	10	20	K-Line
DOUT 2	9	19	DOUT 1
DOUT 3	8	18	DOUT 4/AIN 4
AIN 2	7	17	AIN 1
CAN2 LOW	6	16	CAN2 HIGH
DIN 2	5	15	DIN 1
DIN 4	4	14	DIN 3
1-WIRE POWER	3	13	1-WIRE DATA
CAN1 LOW	2	12	CAN1 HIGH
GND	1	11	+8...32 V DC

KEY FEATURES

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network coverage with fallback to 2G – guaranteed future-proof network support for your fleet

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides trusted protection against dust and resistance to water

SIGNIFICANTLY LOWER ROAMING COSTS

Dual SIM considerably reduces roaming costs

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
RS232-TX	4	10	RS485-B
RS232-RX	3	9	RS485-A
AIN 1	2	8	DOUT 1
+10...30 V DC	1	7	GND

FMC225 | 4G
FMB225 | 2G

Waterproof trackers with RS485, RS232 interfaces

FMC125 | 4G

Waterproof 4G LTE Cat 1 tracker
with flexible inputs
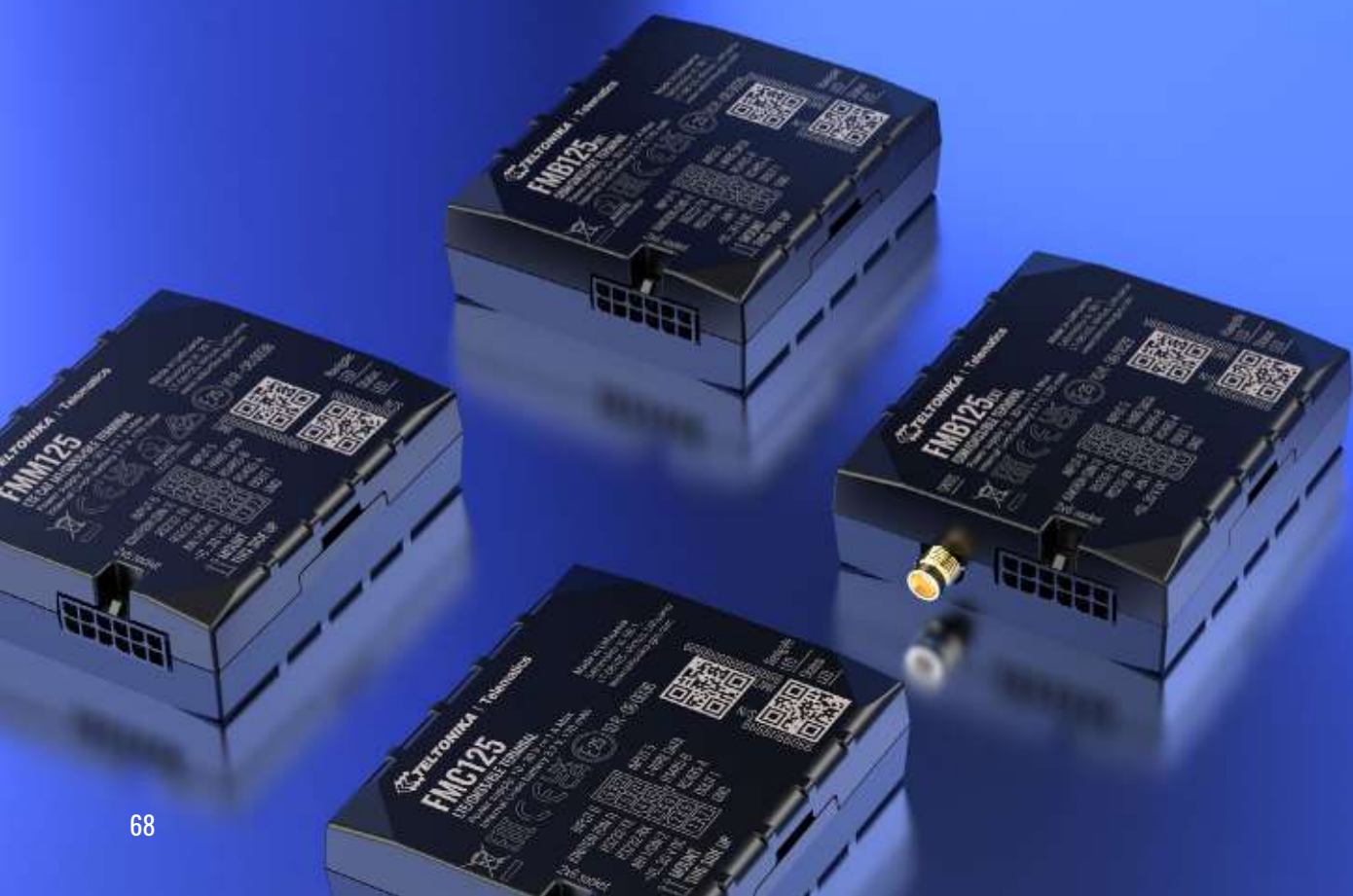
KEY FEATURES

FUTURE-PROOF NETWORK SUPPORT

Reliable 4G LTE Cat 1 network coverage with fallback to 2G – guaranteed future-proof network support for your fleet

FUEL MONITORING AND MORE

RS232, RS485 serial interfaces for fuel monitoring and other external data reading

SIGNIFICANTLY LOWER ROAMING COSTS

Dual SIM considerably reduces roaming costs

PINOUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
RS232-TX	4	10	RS485-B
RS232-RX	3	9	RS485-A
AIN 1/DIN 2	2	8	DOUT 1
+10...30 V DC	1	7	GND

CONNECTIVITY OPTIONS

FMC125 | 4G M1 2G

Reliable 4G (LTE Cat 1) connection with fallback to 2G (GSM) networks

FMM125 | M1 4G 2G

Supports both LTE Cat M1 and NB IoT connectivity

FMB125 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network (internal GNSS antenna)

FMB125 | 2G 4G M1

Base model that supports GSM, Quad-band 2G network (external GNSS antenna)

TELTONIKA DUALCAM SUPPORT

Connecting via RS232 to get videos and pictures of the events that might happen on the road or inside a vehicle

RELIABLE

tracking of non-powered assets and equipment for enhanced safety

EXTRA

security against theft and misplacement of your valuable assets

AUTONOMOUS

trackers to ensure the safety of lone workers and vulnerable people

ASSETS & WORKFORCE

CATEGORY OF TRACKERS

TAT140 | 4G
TAT100 | 2G

Asset trackers with a
waterproof IP68-rated casing

New

KEY FEATURES

PERIODIC/SCHEDULED REPORTS

Define your own data sending scenarios
by the type of the asset you are tracking
or a dedicated use case

BACKUP TRACKING THE EASY WAY

Quick set-up with Teltonika vehicle
tracking devices to use as a backup
tracker for your transport's maximum
safety

PROTECTION AGAINST WATER AND DUST IN EXTREME WEATHER CONDITIONS

The IP68-rated enclosure ensures
reliable operation in any climate and
under severe temperature deviations

UP TO 3 YEARS BATTERY LIFETIME*

Sending records once a day using
cellular networks, offline modes, and
battery saving scenarios for various
asset tracking

* Battery life may be affected by various
factors, such as signal strength, etc.

EXTRA LAYER OF VEHICLE SECURITY

MAIN TRACKER — **BACKUP TRACKER**

Learn more

GH5200 | 2G

Tracker for personal security
and workforce management

KEY FEATURES

TWO-WAY VOICE COMMUNICATION

Supporting up to 5 call/SMS recipients allows to transmit a text message or initiate a call instantly when immediate help is needed

CONFIGURABLE BUTTONS

5 programmable buttons can be used for amber alert, action-on-call, on-demand tracking, and many other events

BUILT-IN MAN-DOWN, ALARM & NO-MOVEMENT SCENARIOS

Special pre-programmed scenarios to ensure personal safety of lone workers and vulnerable people

SMALL IN SIZE & COMFORTABLE TO WEAR

Slim design for convenient everyday use as an ID card holder that can be put on a neck or a belt

KEY FEATURES

EASY TO REACH EMERGENCY BUTTON

Instant alert messages to make a call for help in case of any incidents

EXTENDED PRODUCT USAGE SCENARIOS

Bluetooth LE-based wireless connection of external devices, including Low Energy beacons and sensors, to monitor temperature, humidity, magnet detection, and movement

BUILT-IN MAN-DOWN, ALARM & NO-MOVEMENT SCENARIOS

Special pre-programmed scenarios to ensure personal safety of lone workers and vulnerable people

PROTECTION AGAINST DUST AND WATER

Use it anywhere, as the IP67-rated casing provides water and dust resistance for usage in harsh conditions

TMT250 | 2G

Autonomous mini GPS tracker
for personal security

cartronicgroup

INNOVATIVE

ways to increase significantly the safety of drivers and passengers

EXTENSIVE

features to prevent forward collisions, lane departures and more

INVALUABLE

videos & photos that capture the events occurring on the roads

VIDEO TELEMATICS

CATEGORY OF PRODUCTS

TELTONIKA DSM

Driver safety and monitoring solution – Professional tracker and DSM camera to avoid accidents with visual monitoring functionality

New

KEY FEATURES

DRIVER NOTIFICATION ON DROWSINESS, DISTRACTION, AND YAWNING

Notifying a driver immediately with a sound alert whenever any of the integrated warning conditions are detected, such as drowsiness, yawning, distraction, smoking, phone use, or not using seat belt

128 GB FOR OFFLINE VIDEO STORAGE

With up to 128 GB data storage, extensive videos are available to have full information what has happened before, during, and after the events you are interested in

SLEEK AND COMPACT DESIGN

Small design provides a practical and effective solution for capturing footage while driving – positioned discreetly in the vehicle's A-pillar, it ensures that driver's front view remains clear

PERIODIC PHOTO SENDING

Get the requested photo or set periodic image sending to the server to track and analyse events in real time as well as monitor visual data, such as pictures of events

PRO CATEGORY TRACKER

DRIVER SAFETY

with visual evidence

TELTONIKA DASHCAM

Road video monitoring solution

New

KEY FEATURES

VALUABLE VISUAL DATA

Perfect for capturing both videos and photos before and after events

DATA WHEN YOU NEED IT

Sending videos and photos to a dedicated server periodically or by request on chosen scenarios

FRONT VIEW CAMERA

Front camera is used to record videos of events that might happen on the road

FAST VIDEO FILE DELIVERY

Dash camera supports High Efficiency Video Coding H265 to transmit high-quality files at speed

FORWARD-FACING
VIDEO SOLUTION

2021-04-20 09:37:16
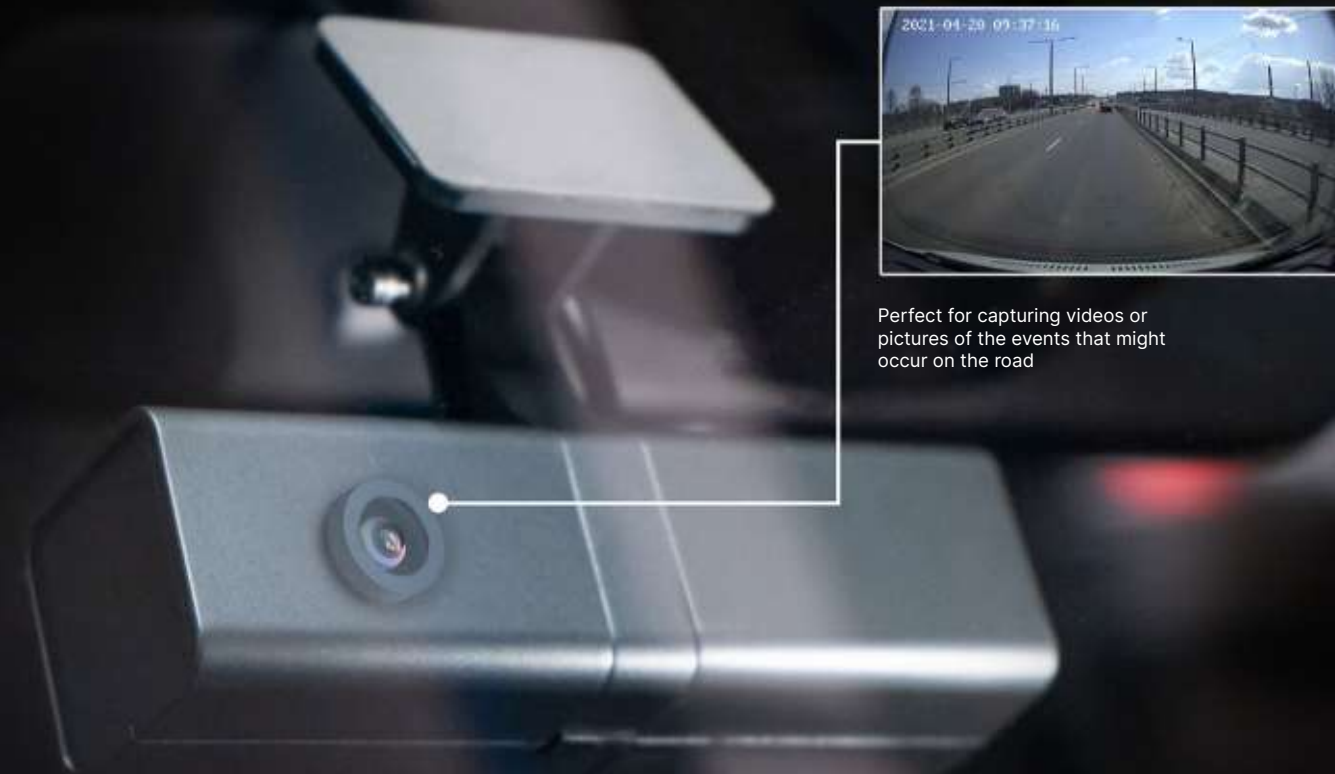
Perfect for capturing videos or pictures of the events that might occur on the road

TELTONIKA DUALCAM

In-cabin and road video monitoring solution

KEY FEATURES

TWO CAMERAS IN ONE HOUSING

Front and rear cameras are used to record videos of events that might happen on the road or inside a vehicle

VALUABLE VISUAL DATA

Perfect for capturing both videos and photos before and after events

DATA WHEN YOU NEED IT

Sending videos and photos to a dedicated server periodically or by request on chosen scenarios

FAST VIDEO FILE DELIVERY

Dual camera supports High Efficiency Video Coding H265 to transmit high-quality files at speed

KEY FEATURES

VIDEO & PHOTO BY REQUEST

Get requested photo or video from ADAS or set periodical image sending to the server to track and analyse events in real time as well as monitor visual data (pictures or video) of events.

CONTACTLESS CAN BUS CONNECTIVITY

Many vehicles are available in database for using the CAN bus for turn signals, brake and speed sense etc. This makes for a much faster installation for ADAS solutions users.

PERIODIC PHOTO SENDING

Set periodical image sending to the server. Fleet managers and dispatchers will have the latest data and access to potential collisions or common mistakes on the road.

EXTENDED PRODUCT USAGE SCENARIOS

For better investigation of different events, you can request video and have full information what has happened before, during, and after all events you are interested in.

ADAS

Designed to avoid collisions and accidents with visual monitoring functionality

cartronicgroup

STUNNING

features designed for a low-cost, swift, and smooth integration

BROAD

application scenarios to increase business efficiency in diverse industries

INTUITIVE

mobile application for prompt configuration anytime anywhere

EYE SENSORS

EYE SENSOR

Bluetooth LE sensor for various application scenarios

KEY FEATURES

SENSORS

Accelerometer, temperature, humidity, and magnetometer for numerous scenarios

WATERPROOF CASING

Robust IP67-rated casing for enhanced device longevity

LONG LIFETIME

5+ years battery lifetime to reduce financial and environmental cost

DATA PROTOCOLS

Eddystone, iBeacon, and Custom protocols to make it suitable for applications you need

EYE APP

Intuitive Teltonika mobile app for prompt configuration and data scanning

EYE BEACON

Bluetooth LE ID beacon with long lifetime battery

KEY FEATURES

LONG LIFETIME

10+ years battery lifetime to reduce financial and environmental cost

WATERPROOF CASING

Robust IP67-rated casing for enhanced device longevity

DATA PROTOCOLS

Eddystone, iBeacon, and Custom protocols to make it suitable for applications you need

EYE APP

Intuitive Teltonika mobile app for prompt configuration and data scanning

cartronicgroup

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

SOLUTIONS

FOTA WEB

Remote device management solution

EASY START

Access all your recently purchased devices without any configuration required

AUTOMATION

Scale deployment and update process by sending the configuration templates and firmware to an unlimited number of devices by just a few clicks

GROUPING

Create multilevel account structure and group your devices the way it fits your operations

HISTORY

Keep track of all the tasks performed in FOTA WEB and the status of the update for each device

WEB TACHO

Solution for remote tachograph data file management

ABOUT

Teltonika Telematics WEB Tacho, a remote tachograph data file management solution, is easily manageable and does not require any complex software – everything is accessible via a web page, 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 authorised users

MULTIPLE FORMATS

European DDD, Spanish TGD, and French V1B, C1B

cartronicgroup

TCT

Next-generation Telematics
Configuration Tool
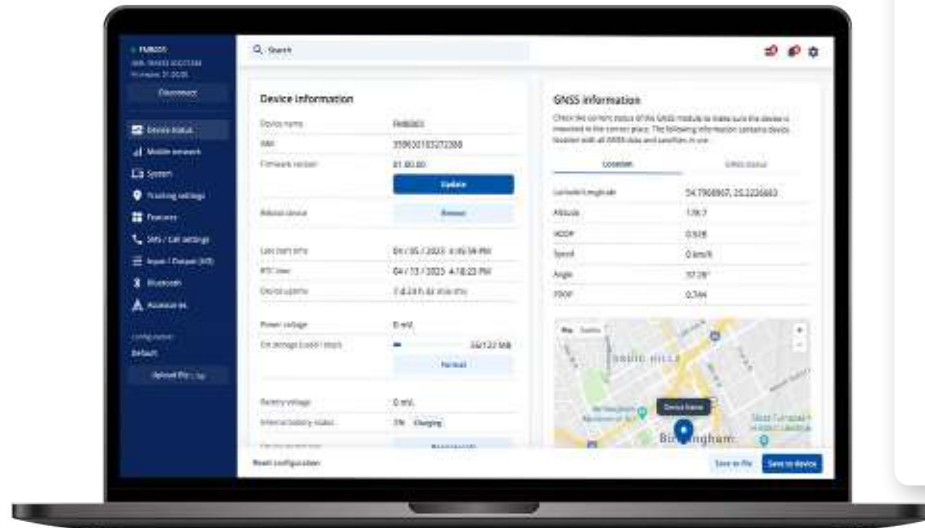
AUTO UPDATE

The latest TCT version is delivered
directly to your PC

USER-FRIENDLY

Device setting is easy for newbies and
professionals alike

PARAMETER SEARCH

Get directly to the settings you need

SETUP WIZARD

Let TCT guide you through the
configuration process

ALL YOU NEED FOR DEVICE SETUP

Get the latest software updates and
configuration tips directly in TCT. Access
Wiki Knowledge Base without leaving
the application by clicking on parameter
tooltips.
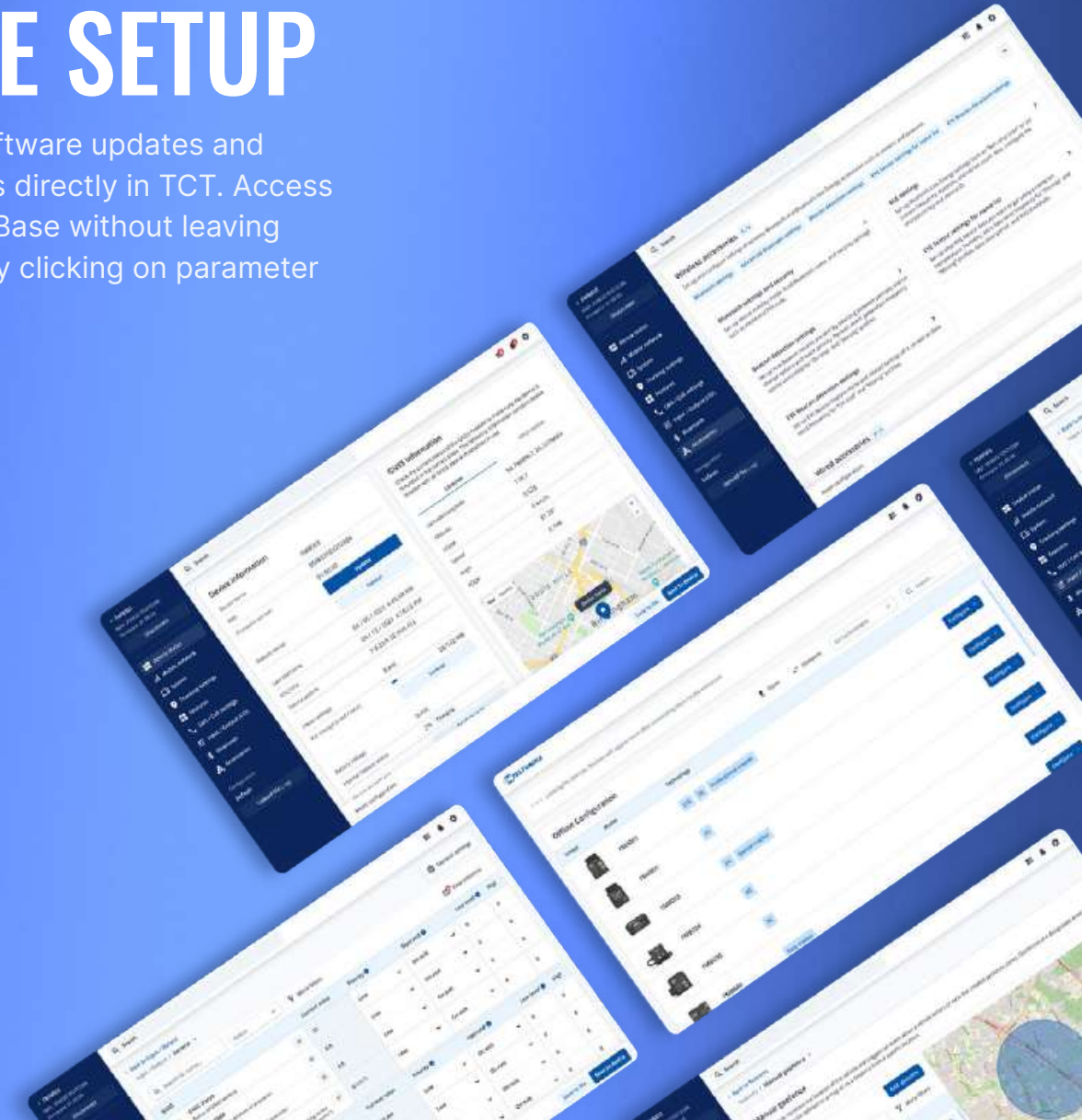
GLOBAL CONNECTIVITY SOLUTION

Connect tracking devices anywhere

ABOUT

Teltonika Telematics prepaid SIM and eSIM Connectivity Solution makes IoT simple, connecting Teltonika devices anywhere in the world and enabling device as well as SIM card management through a state-of-the-art IoT platform

500 MB, 5 YEARS, 134 COUNTRIES

With the prepaid Global Plan, you get 500 MB of data to be used for the whole 5 years in 134 world countries

FREE & UNLIMITED SMS

In all covered countries, SMS messages within the IoT Platform are unlimited and cost nothing

eSIM AVAILABILITY

eSIM is a smart, rewritable, and multi-network module that can be soldered on a device directly, enabling remote SIM provisioning with SIM ID change on the go

SATELLITE NETWORK

Complete mobile connectivity with satellite network as a fallback

INDUSTRIAL STANDARD

RS232 is a viable choice in many scenarios due to its robustness, simplicity, and noise immunity

WORLDWIDE COVERAGE

Iridium satellite network with pole-to-pole coverage

PROTECTION AGAINST DUST AND WATER

Robust IP67-rated casing provides trusted protection against dust and resistance to water

IRIDIUM EDGE®

The essential part of the Iridium Connected® telematics solution

ACCESSORIES

A wide range of accessories, which are fully compatible with Teltonika Telematics products, enormously expands device use cases and creates considerable added value for your business.

ALL-CAN300
Order code: ALC3004P4501

CAN-CONTROL
Order code: CANCONGHCZ01

ECAN02
Order code: ECAN02000001

LV-CAN200
Order code: LV-CAN4P1201

DATA CABLES

CARRIER REEFER CABLE
Order code: PPCB00000460

FMS CABLE
Order code: PPCB00000500

TACHO CABLE
Order code: PPCB00000300

TACHOGRAPH FRONT PANEL CABLE
Order code: PPCB00000430

DATA CABLES

OBD-II Y SPLITTER CABLE
Order code: PPCB00007460

READERS & HOLDERS

1-WIRE RFID READER
Order code: PPEX00000880

IBUTTON
Order code: PPEX00000060

ID BADGE REEL WITH CLIP
Order code: PPEX00003540

TMT250 HOLDER
Order code: PPCA00003590

POWER CABLES

12-PIN POWER CABLE FOR CIGARETTE LIGHTER SOCKET
Order code: PPCB00000250

FMB9YX 1.5 M POWER CABLE WITH FUSE
Order code: PPW500000520

MULTI CHARGING DOCKING STATION
Order code: PPPS00003650

OBD-II POWER CABLE (FEMALE)
Order code: PPW50000110

POWER CABLES

OBD-II CONNECTION EXTENSION CABLE

Order code: PPCB00000140

POWER CABLE WITH CLAMP CONNECTORS

Order code: PPWS00000680

TMT250 MAGNETIC USB CABLE

Order code: PPCB00003570

WALL CHARGER (EU)

Order code: PPPS00003660

RELAY WITH WIRES FOR IMMOBILIZING

Order code: PPEX00003260

OTHER

IP67 CASING

Order code: PGCA00001810

IRIDIUM EDGE®

Order code: PPP0000003180

TEMPERATURE SENSOR

Order code: PPCB00000300

	FMC880	FMM880	FMT100	FMC800	FMM800	FMM80A	FMB020	FMB010	FMP100	FMB930	FMC920	FMM920	FMB920	FMB910	FMB900	FMB965	FMC230	FMM230	FMB230	FMC130	FMM130	FMB130	FMC13A	FMM13A	FMB110	FMB120	FMB122	FMB202	FMB204	FMB209	FMC003	FMM003	FMB003	FMB001	FMC00A	FMM00A	FMC150	FMM150	FMB150	FMB240	FMB140	TFT100	FMC650	FMM650	FMB641	FMC225	FMB225	FMC125	FMM125	FMB125	TAT100	TAT140	GH5200	TMT250
Sensors & Beacons																																																						
EYE Sensor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•	•	•
EYE Beacon	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•	•	•
Video Telematics																																																						
ADAS																																										•	•	•	•	•	•	•	•	•				
Teltonika DashCam																																											•	•	•		•							
Teltonika DSM																																													•²									
Teltonika DualCam																																											•	•	•		•							
CAN adapters																																																						
ALL-CAN300																	•	•	•	•	•	•	•	•	•	•	•													•	•					•	•	•	•	•				
CAN-CONTROL																	•	•	•	•	•	•	•	•	•	•	•													•	•					•	•	•	•	•				
ECAN02																	•¹	•¹	•¹	•¹	•¹	•¹	•¹	•¹	•¹	•¹	•¹									•		•	•	•	•					•	•	•¹	•¹	•¹				
LV-CAN200																	•	•	•	•	•	•	•	•	•	•	•													•	•					•	•	•	•	•				
Data cables																																																						
Carrier reefer cable																																								•	•	•												
FMS cable																																								•	•	•												
OBD II Y splitter cable			•	•	•	•	•	•																							•	•	•	•	•	•																		
Tacho cable																																								•	•	•												
Tachograph front panel cable																																								•	•	•												
Readers & holders																																																						
1-Wire RFID reader																	•	•	•	•	•	•	•	•	•	•	•	•	•											•	•	•	•	•	•	•	•	•	•	•	•			
iButton																	•	•	•	•	•	•	•	•	•	•	•	•	•											•	•	•	•	•	•	•	•	•	•	•	•			
ID badge reel with clip																																																						•	
TMT250 holder																																																							•
Power cables																																																						
12-pin power cable for cigarette lighter socket																	•	•	•	•	•	•	•	•	•	•														•	•						•	•	•	•	•				
FMB9YX 1.5 m power cable with fuse										•	•	•	•	•	•	•																								•	•	•												
Multi charging docking station																																																						•	
OBD II power cable (female)			•	•	•	•	•	•																							•	•	•	•	•	•																		
OBD II connection extension cable			•	•	•	•	•	•																							•	•	•	•	•	•																		
Power cable with clamp connectors																	•	•	•	•	•	•	•	•	•	•	•												•	•	•	•				•	•	•	•	•				
TMT250 magnetic USB cable																																																							•
Wall charger (EU)																																																						•	•
Other																																																						
IP67 casing																	•	•	•							•	•	•												•						•	•							•
IRIDIUM EDGE®																																								•	•	•	•	•	•	•	•							
Temperature sensor																	•	•	•	•	•	•	•	•	•	•	•												•	•	•	•	•	•	•	•	•	•	•	•	•			

¹ Can be used in combination with LV-CAN200, ALL-CAN300, and for FMS data reading.   ² Coming soon

Hardware	FMC880	FMM880	FMT100	FMC800	FMM800	FMM80A	FMB020	FMB010	FMP100	FMB930	FMC920	FMM920	FMB920	FMB910	FMB900	FMB965	FMC230	FMM230	FMB230	FMC130	FMM130	FMB130	FMC13A	FMM13A	FMB110	FMB120	FMB122	FMB202	FMB204	FMB209	FMC003	FMM003	FMB003	FMB001	FMC00A	FMM00A	FMC150	FMM150	FMB150	FMB240	FMB140	TFT100	FMC650	FMM650	FMB641	FMC225	FMB225	FMC125	FMM125	FMB125	TAT100	TAT140	GH5200	TMT250
Cellular connectivity	4G	M1	2G	4G	M1	M1	2G	2G	2G	2G	4G	M1	2G	2G	2G	2G	4G	M1	2G	4G	M1	2G	4G	M1	2G	2G	2G	2G	2G	2G	4G	M1	2G	2G	4G	M1	4G	M1	2G	2G	2G	2G	4G	M1	2G	4G	2G	4G	M1	2G	2G	4G	2G	2G
Bluetooth, Configuration over Bluetooth	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•1	•1	•	•	•	•	•	•	•	•	•	•
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	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	E	E	E	I	I	I	I	I	I	I	I	I
GNSS 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	E	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	E	E	E	I	I	I	I	E2	I	I	I	I
OBD II data	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•	•	•	•	•	•	•3	•3	•3	•3	•3	•	•3	•3	•	•3	•3	•3	•3	•3				
USB Charging																																																					•	•
RGB LED									•																																													•
Digital Inputs										1	1	1	1	1	1		3	3	3	3	3	3	3	3	3	3	3	3	3	4							3	3	3	3	3	4	4	4	4	1	1	1	2	1				
Negative Inputs																	1	1	1	1	1	1	1	1	1												1	1	1	1	1													
Impulse Inputs										1	1	1	1	1			2	2	2	2	2	2	2	2				2	2								2	2	2	2	2	8	8	8				1		1				
Analog Inputs										1	1	1	1	1			2	2	2	2	2	2	2	2	2	2	2	1	1	2							2	2	2	2	2	2	4	4	4	1	1	1	1	1				
Digital Outputs										2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2							2	2	2	2	2	2	4	4	4	1	1	1	1	1				
1-Wire interface																	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•	•	•	•	•	•	•	•	•				
RS232																						•																					•4	•	•	•	•	•	•	•				
RS485																																											•4	•	•	•	•	•	•	•				
UART																																											•4											
CAN adapters support																	•	•	•	•	•	•	•	•	•	•	•																•		•	•	•	•	•	•				
CAN interface																																											•	•	•	•	•	•	•	•				
Alarm button									•																																												•5	•5
Internal battery energy (Wh)	0.63	0.63	0.63	0.63	0.63	0.43	0.167	0.63	0.63	0.63	0.63	0.63	0.63	0.63		4.68	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		0.63	0.63	2.88	6.66	2.96	0.63	0.63	0.167	0.63	0.43	0.43	0.63	0.63	0.63	0.63	0.63	6.66	4.62	4.62	4.62	0.63	0.63	0.63	0.63	0.63	15.84	15.84	3.885	3.04
IP rating	IP65	IP65	IP65	IP41	IP41	IP41	IP41	IP41	IP41	IP54	IP54	IP54	IP54	IP54	IP54	IP67	IP67	IP67	IP67	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP67	IP67	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP67	IP41	IP67	IP41	IP41	IP67	IP67	IP41	IP68	IP68	IP30	IP67
Power supply range	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-90V	10-30V	10-30V	10-30V	10-30V	6-30V	6-30V	6-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	10-30V	6-30V	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	10-97V	8-32V	8-32V	8-32V	10-30V	10-30V	10-30V	10-30V	10-30V				
SIM card	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual	•	•	•	•
eSIM option	•		•								•									•		•	•	•	•	•	•		•	•	•	•				•			•											•		•		•	
2 way voice calls																																																						•
Software																																																							
Real fuel/odometer																															•	•	•	•																				
1-Wire interface RFID functionality																	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•	•	•	•		•	•	•	•	•	•	•	•				
Eco driving/Green Driving	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•				
Fuel monitoring (CAN adapters, FMS)																	•	•	•	•	•	•	•	•	•	•	•				•	•					•	•	•	•	•		•6	•6	•6	•6	•6	•6	•6	•				
DDD download and Tacho on-line data																																											•	•	•									
Crash, Towing, Jamming, Over Speeding, Excessive idling detection, Geofence	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•				
Recovery mode																																																			•	•		
Scheduler																																																			•	•		
Permanent link																																																					•	•
Manual CAN, J1939 (Reading, requesting, sending, debugging)																																													•		•	•						
Timestamp Backup																																												•										
Man-Down, Movement/No Movement event																																																					•	•
Amber Alert																																																					•	
BLE Home Zone																																																					•	•

I - Internal antenna.
E - External antenna.
1 Not configurable via Bluetooth.
2 FMB125 version with an internal GNSS antenna is available.
3 Supported via Bluetooth OBDII dongle.
4 Depending on ordered PCB modification.
5 Configurable alarm button.
6 Additionally digital LLS is supported.

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