

# TELEMATICS

## Product Catalog





”

The first 2024 Product Catalog is packed with smart GPS devices and covers a wide range of industry needs

## DEAR READER,

Teltonika Telematics is proud to present its first 2024 Product Catalog, featuring asset trackers with magnetic tamper detection, prolonged autonomous usage, and the new EYE devices reinforced for use in challenging conditions to drive your business forward.

Among the highlights is the tamper-proof asset tracker TAT240, which offers extended battery life, robust connectivity, and advanced security features for optimal asset monitoring. Further on, explore the distinctive ATEX-certified EYE Beacon and EYE Sensor built to withstand hazardous environments and deliver real-time insights.

Don't miss FMC234, a powerful fleet management GPS tracker equipped with a large-capacity internal battery and handy features to streamline your operations. Rest assured, this comprehensive catalog covers a wide range of industry needs with solutions for logistics, construction, agriculture, and more.

Remember the first 3 vehicle GPS trackers based on the new FT platform - FTC921, FTC961, and FTC881 models? Their production is about to start, and the trackers will be available to order. Our business partners and we have high expectations for their market debut.

I urge you to take a look at the catalog, as it is full of items and information that you may find interesting. There is a wide range of products to explore, each with its own unique features and value. May you find value in every page, and may the knowledge you gain empower you to make the most of every project you manage.



**ANTANAS ŠEŽDA**

CEO, Teltonika Telematics



**27+**

Million manufactured  
products

**21**

Countries

**25+**

Years of experience





# TABLE OF CONTENTS

8	FT PLATFORM
9	FTC921
9	FTC961
9	FTC881

28	ADVANCED
Sophisticated vehicle GPS trackers with flexible hardware features and practical all-round solutions including various network connectivity options, water-resistant IP67 rating casing, and driver authentication.	

30	FMC234
32	FMC230
34	FMC130
36	FMC13A/FMM13A
38	FMB110
39	FMB120/FMB122
40	FMB204/FMB202
41	FMB209

12	FAST & EASY
Incredibly simple installation in minutes to experience the benefits of vehicle telematics in the most time-efficient manner. No special skills or tools are required to mount these GPS devices. Literally, fast and easy!	

14	FMC880
16	FMC800/FMM800
17	FMM80A
18	FMB010/FMB020
19	FMP100

42	OBD DATA
Plug & Play trackers to read OBD data like mileage, RPM, fuel level, and fault codes. Ultra-small size devices will fit in the tightest spaces of any vehicle.	

44	FMC003
46	FMM00A

20	BASIC
Simple but smart vehicle GPS devices for basic tracking solutions, applicable to a great variety of use cases and scenarios. They are compact, reliable, accurate, affordable, and incredibly popular!	

22	FMB930
24	FMC920
26	FMB910/FMB900
27	FMB965

48	CAN DATA
CAN data allows you to manage fleet costs effectively, control car doors/windows remotely, and more. Know what you will get with the supported vehicle lists.	

50	FMC150
52	FMB240
53	FMB140
54	ECAN02
56	CAN DATA ADAPTERS
57	CAN-CONTROL ADAPTERS

58	E-MOBILITY
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.	

60	TFT100
----	--------

78	VIDEO TELEMATICS
Innovative video telematics solutions that capture videos or photos to detect, record, warn, and prevent unwanted behaviour and risky driving, keeping drivers, passengers, and road users safe.	

80	TELTONIKA DSM
82	TELTONIKA DASHCAM
84	TELTONIKA DUALCAM
85	ADAS

62	PROFESSIONAL
Comprehensive vehicle telematics solutions for professional applications and the most demanding customers. These GPS trackers allow the download of digital tachograph files, may read CAN bus data, and connect to an impressive variety of external accessories and equipment.	

64	FMC650/FMM650
66	FMB641
67	FMC225/FMB225
68	FMC125

86	SENSORS & BEACONS
Wireless Bluetooth® LE sensors and ID beacons with unique smart features, robust IP67 casing, long lifetime batteries, and handy mobile app to open up new business opportunities, diversify income streams, and bring more value.	

88	EYE SENSOR
89	EYE BEACON
90	EYE BEACON & EYE SENSOR ATEX

70	ASSETS & WORKFORCE
Countless fleet assets and items around the world are difficult to track and locate – they may be left in remote places for a few days while they are looked after and accounted for. These trackers are designed to effectively monitor such assets and provide extra protection against vehicle theft.	

72	TAT240
74	TAT141
75	TAT140/TAT100
76	GH5200
77	TMT250

92	SOLUTIONS
94	FOTA WEB
95	WEB TACHO
96	TCT
98	GLOBAL CONNECTIVITY SOLUTION
99	IRIDIUM EDGE®

100	ACCESSORIES
104	ACCESSORY COMPATIBILITY
106	PRODUCT COMPARISON



# FT PLATFORM DEVICES

## AVAILABLE NOW

Highly accurate and built to stand out – Fleet Telematics platform devices are available to order for testing.

Experience the power of precision with the innovative vehicle GPS trackers FTC921, FTC961, and FTC881. Each of them brings excellent positioning, exceptional durability, and competitiveness for your business.

KEY FEATURES

- 1.4x  
Increased position accuracy\*
- 4x  
Lower power consumption\*
- 2x  
Increased number of satellites\*
- IP69K  
Ultimate protection of waterproof casing

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

### FTC921

High voltage **BASIC** category GPS tracker with 4G LTE Cat 1 connectivity and enhanced GNSS accuracy

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

### FTC961

**BASIC** category 4G LTE Cat 1 connectivity tracker with enhanced GNSS accuracy and IP69K-rated casing

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

### FTC881

Battery-mounted **FAST & EASY** category GPS tracker with 4G LTE Cat 1 connectivity and IP69K-rated casing

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





# 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.



## 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.



## 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.



## 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.



## 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.



## 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.



## 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.



# FAST & EASY

## 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

Water-resistant high GNSS precision battery-mounted tracker



## 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

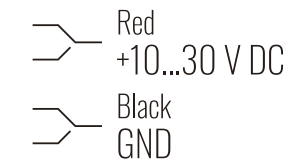
### Compact & robust casing

IP65-rated casing is designed to withstand poor weather conditions



**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

## PIN OUT



## CONNECTIVITY OPTIONS

### FMC880 | 4G

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

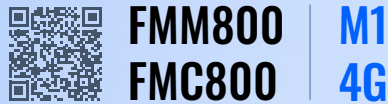
### FMM880 | M1

Supports both LTE Cat M1 and NB IoT connectivity

### FMT100 | 2G

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





Plug & Play trackers



KEY FEATURES

Future-proof network support

Global network coverage for a wider range of markets and projects

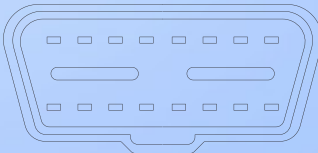
OBD port connector

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



Plug & Play tracker designed for North America



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

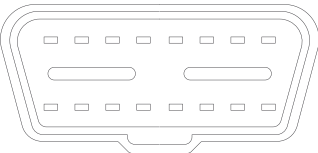
Effortless Plug & Play installation

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

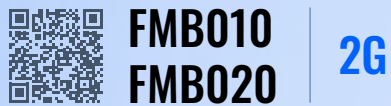
Accurate and detailed crash trace data

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

CONNECTOR







Plug & Play trackers for a wide range of use cases



#### KEY FEATURES

##### Ultra-small casing\*

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

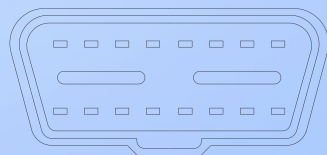
##### Effortless Plug & Play installation

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



Plug & Play tracker connected via cigarette lighter socket



#### KEY FEATURES

##### 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

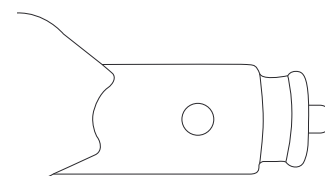
##### Device status and vehicle events

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





# BASIC

## 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







# FMB930 | 2G

Small tracker for electric two-wheelers and similar vehicles

## 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 170 mAh battery, while the device is in the unique Power Off sleep mode

## PIN OUT

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

# EVEN MORE

vehicles to track



TWO-WHEELERS

THREE-WHEELERS

FOUR-WHEELERS





# FMC920 4G

The most popular compact model for basic tracking



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

## 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



**Remote control possibilities:**  
Blocking engine remotely among the numerous available fleet control measures

PIN OUT

- Red +10...30 V DC
- Black GND
- Yellow DIN 1
- Grey AIN 1
- White DOUT 1

CONNECTIVITY OPTIONS

### FMC920 | 4G

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

### FMM920 | M1

Supports both LTE Cat M1 and NB IoT connectivity

### FMB920 | 2G

Base model that supports GSM, Quadband 2G network





# 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

PIN OUT

- Red +6...30 V DC
- Black GND
- Yellow DIN 1
- Grey AIN 1
- White DOUT 1



# FMB965

2G

Low-energy consumption and  
water-resistant tracker for  
motorcycles



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

PIN OUT

- Red +10...30 V DC
- Yellow DIN 1
- Blue DOUT 1
- Grey DOUT 2
- Black GND



# ADVANCED

## 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







# FMC234

4G

Water-resistant 4G LTE Cat 1 tracker with high-capacity battery

New



## KEY FEATURES

### Perfect for stolen vehicle recovery

Device operation for up to 8 days, even if external power is lost, makes it ideal for recovering stolen vehicles

### Prolonged autonomous usage

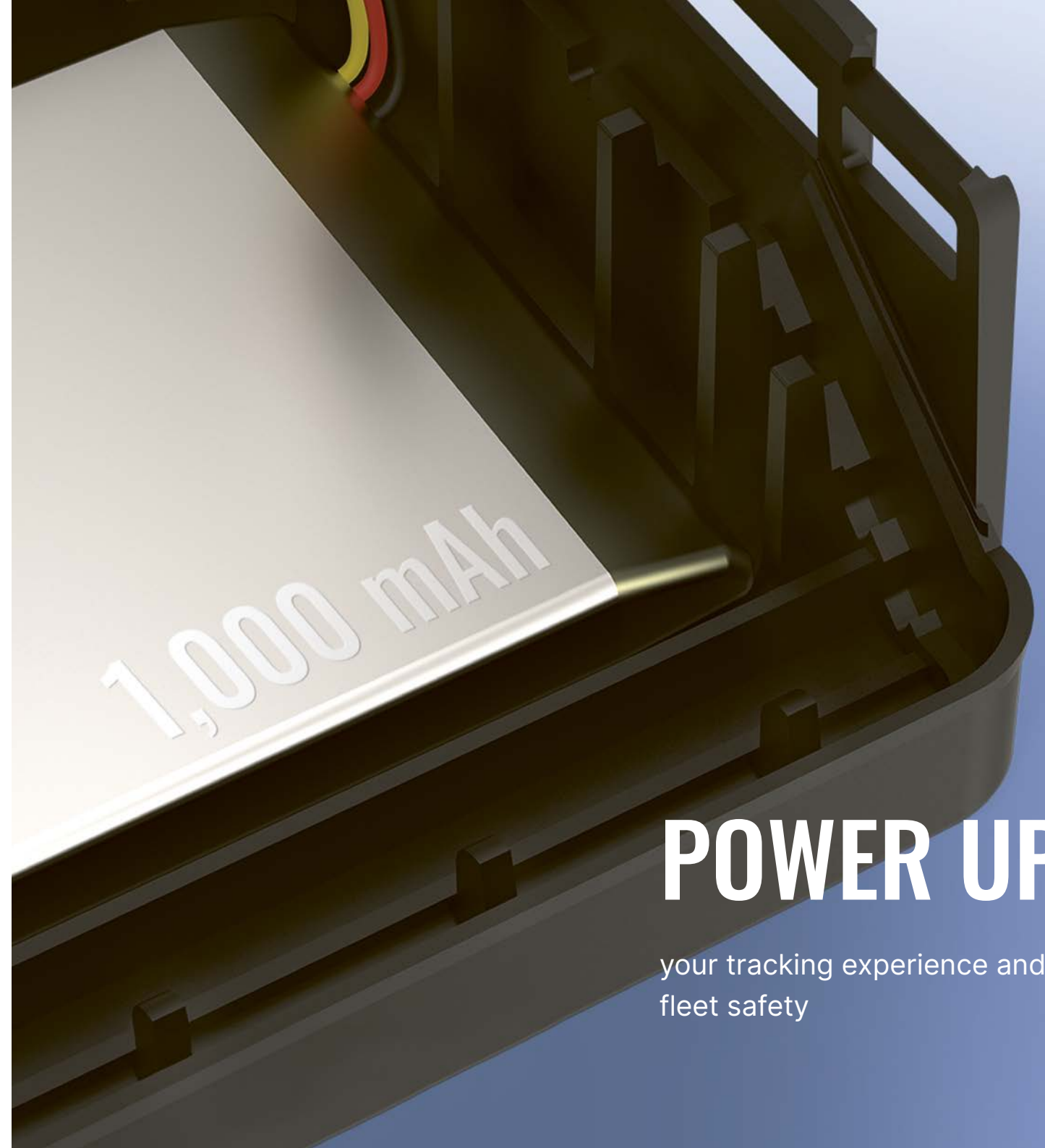
Large-capacity 1,000 mAh Li-Po internal backup battery for extended device operation time

### No additional tools needed

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

## PIN OUT

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



# POWER UP

your tracking experience and fleet safety





# FMC230 4G

Water-resistant 4G LTE Cat 1 tracker with flexible inputs



## KEY FEATURES

### Future-proof network support

Reliable 4G LTE Cat 1 network coverage with fall-back 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



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

## PIN OUT

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

## CONNECTIVITY OPTIONS

### FMC230 4G

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

### FMM230 4G

Supports both LTE Cat M1 and NB IoT connectivity

### FMB230 2G

Base model that supports GSM, Quadband 2G network





# 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 fall-back 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

CONNECTIVITY OPTIONS

### FMC130 4G

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

### FMM130 M1

Supports both LTE Cat M1 and NB IoT connectivity

### FMB130 2G

Base model that supports GSM, Quadband 2G network



**CAN-CONTROL support:**  
Remote control of vehicle doors and windows, making it an ideal solution for car sharing and rental businesses

PIN OUT

INPUT 6	6	12	INPUT 5
IGNITION (DIN 1)	5	11	1-WIRE DATA
DIN 2-/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





**FMC13A**  
**FMM13A**

**4G**  
**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

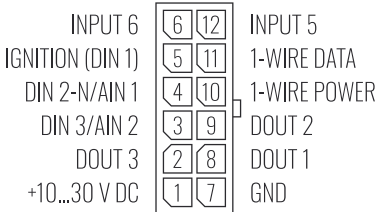
Extensive remote monitoring possibilities

Blocking engine remotely among the numerous available fleet control measures

CAN adapter support

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

PIN OUT



Download



TAKE A  
**CLOSER LOOK:**

Testing FT devices





# 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

PIN OUT

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



# FMB122 FMB120

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

PIN OUT

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





**FMB204** | **1.8 Ah**  
**FMB202** | **0.4 Ah**

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



KEY FEATURES

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



KEY FEATURES

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

## 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

## 1,300+

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







# FMCO03 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

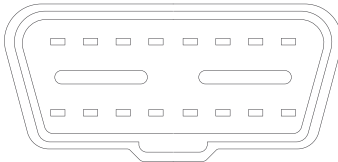
### Effortless Plug & Play installation

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

FMx150 SUPPORTED VEHICLES LIST														
#	Make	Model	Year	Speed	Engine	Transmission	Drive	Power	Pressure	Temp	Oil	Level	Flow	Pressure
1	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
2	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
3	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
4	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
5	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
6	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
7	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
8	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
9	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
10	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
11	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
12	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
13	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
14	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
15	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
16	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
17	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
18	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
19	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X
20	Alfa Romeo	159	2005-2011	X	X	X	X	X	X	X	X	X	X	X

1,300+ vehicle models supported:  
For your convenience, the supported models include 100+ EVs and 1,200+ internal combustion engine vehicles

CONNECTOR



CONNECTIVITY OPTIONS

### FMCO03 4G

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

### FMM003 M1

Supports both LTE Cat M1 and NB IoT connectivity

### FMB003 2G

Base model that supports GSM, Quadband 2G network

### FMB001 4G

Base model that supports GSM, Quadband 2G network





# FMM00A 4G

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



## KEY FEATURES

### Reliable global coverage

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

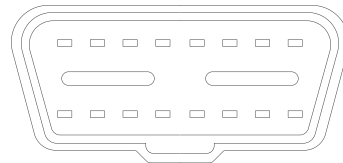
### Reading OBD OEM parameters

Get real odometer & real fuel level data

### Know the supported vehicles and data

Supported vehicle list with all available manufacturer models and parameters

## CONNECTOR



# PLAY & LEARN

Convenient playlists for quick navigation



YouTube



# CAN DATA

## 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







# FMC150 4G

Advanced GPS tracker with integrated CAN data processor



KEY FEATURES

### Future-proof network support

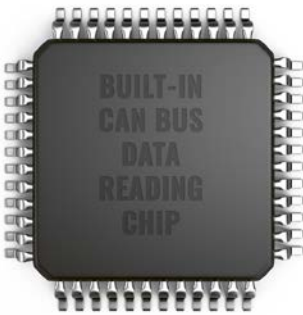
Reliable 4G LTE Cat 1 network coverage with fallback to 2G – guaranteed future-proof network support for your fleet

### CAN data reading from EVs

Bringing new value and expanding usage scenarios with more than 80 supported vehicles in the EV market

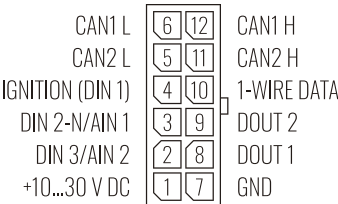
### Know the supported vehicles and data

Supported vehicle list (over 1,700 and 80 EVs) with all available manufacturer models and parameters



**Built-in CAN bus data reading chip:** Reading CAN data from light & electric vehicles, trucks, buses, and special machinery

PIN OUT



CONNECTIVITY OPTIONS

### FMC150 4G

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

### FMM150 M1

Supports both LTE Cat M1 and NB IoT connectivity

### FMB150 2G

Base model that supports GSM, Quadband 2G network





# FMB240

2G

Tracker with water-resistant 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

PIN OUT

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

PIN OUT

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





# ECAN02

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



## 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

# YOUR GUIDE

for hassle-free CAN data reading



Watch the video





## 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	1	RS232 TX
2	CAN 1 L	2	RS232 RX
3	CAN 2 H	3	
4	CAN 2 L	4	
5	CAN 3 H	5	
6	CAN 3 L	6	
7	BLINKER CONTROL	7	
8	C/L CONTROL	8	
		9	GROUND
		10	+9...16 V DC
		11	



# E-MOBILITY



## 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





# 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 BLE beacons and sensors, to monitor temperature, humidity, magnet detection, and movement

### Protection against dust and water

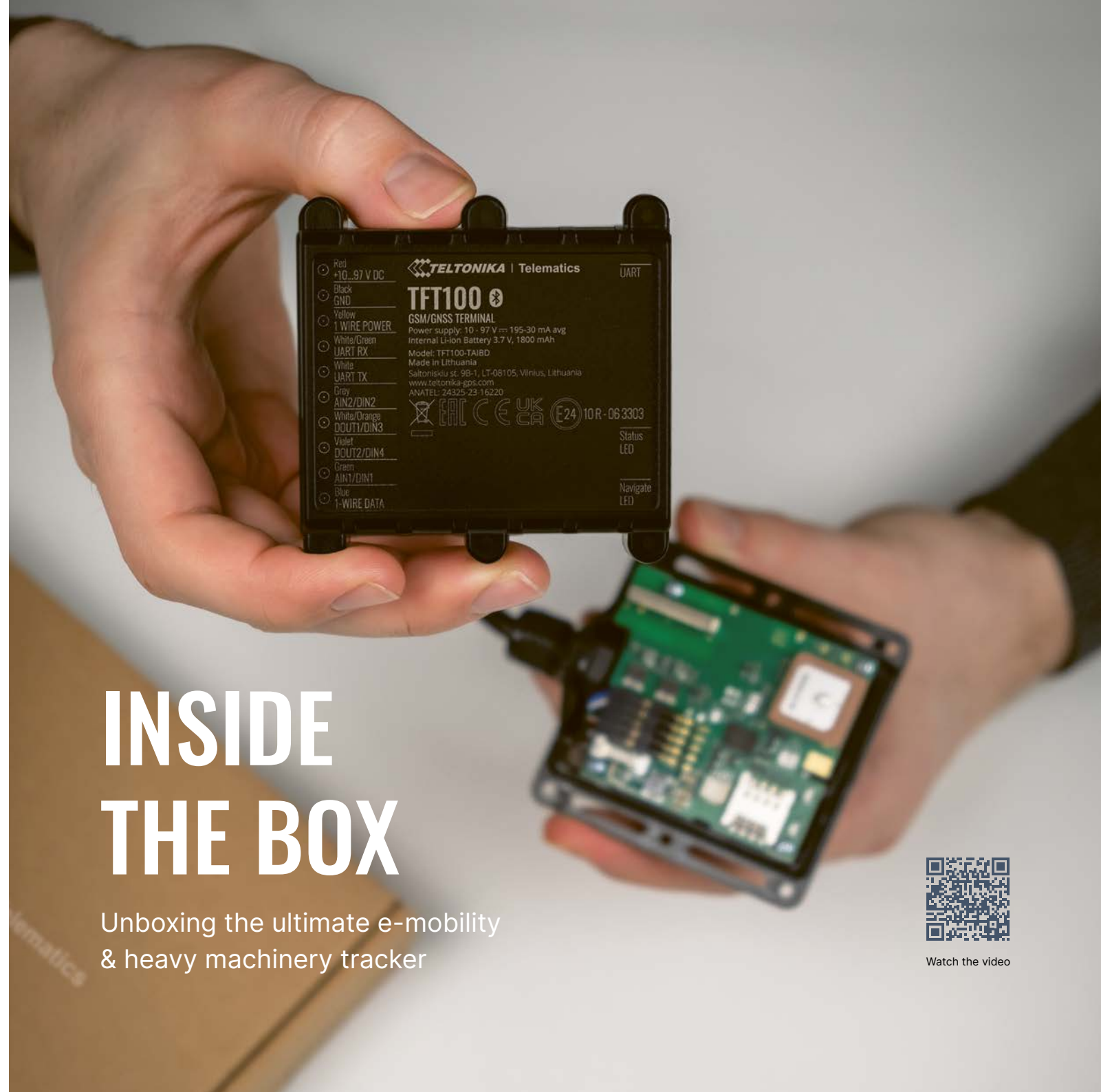
Use it anywhere, as the IP67-rated casing provides water and dust resistance for usage in harsh conditions

## PIN OUT

- 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

# INSIDE THE BOX

Unboxing the ultimate e-mobility & heavy machinery tracker



Watch the video



# PROFESSIONAL

## 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







**FMC650** | **4G**  
**FMM650** | **M1**

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



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

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

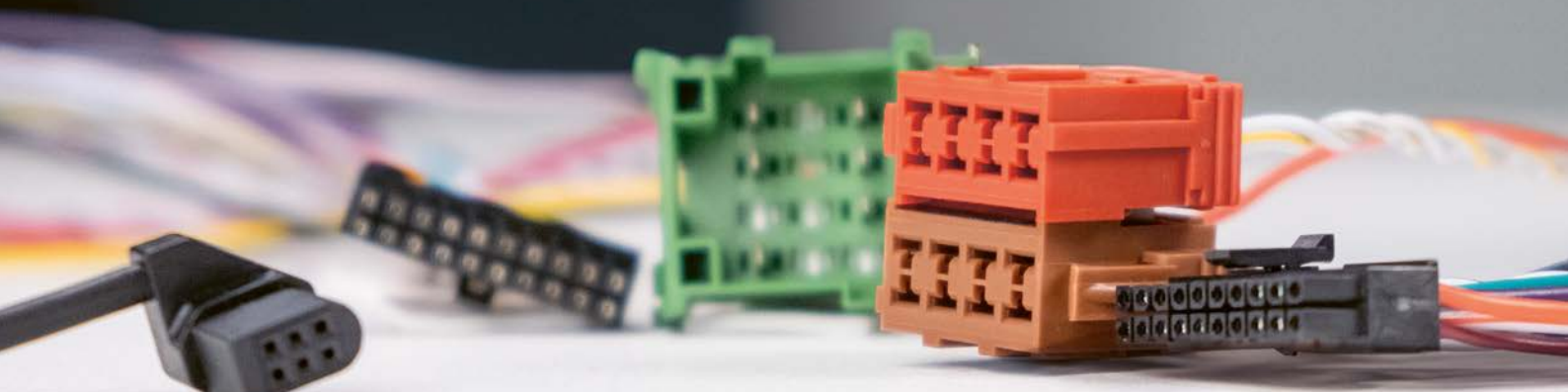
Read J1939 data that includes standard CAN FMS from heavy vehicles like trucks and raw J1939 data from special machinery, such as construction cranes or electric buses. Possibility to connect to CAN line with multiple nodes

PIN OUT

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

# SAVE YOUR TIME

Quick connection of PRO devices



Learn more





# FMB641

2G

Tracker with tachograph and CAN data reading capability



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

PIN OUT

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



# FMB225 FMC225

2G  
4G

Water-resistant trackers with RS485 and RS232 interfaces



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

PIN OUT

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





# FMC125

4G

Future-proof 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



#### Teltonika DualCam support:

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

## 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

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

### FMB125 | 2G

Base model that supports  
GSM, Quadband 2G network  
(external GNSS antenna)

### FMM125 | M1

Supports both LTE Cat M1 and  
NB IoT connectivity

### FMB125 | 2G

Base model that supports  
GSM, Quadband 2G network  
(internal GNSS antenna)



# ASSETS & WORKFORCE

## 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







# TAT240

**4G**

Tamper-proof asset tracker  
with 4G LTE Cat 1 connectivity


**New**

## KEY FEATURES

### Tamper alerts for maximum safety

Reliable magnetic tamper detection ensures the topmost safety of your assets

### Movement-based periodic reports

Define your own data sending frequency based on whether your assets are moving

### Easy magnetic mounting

Attach the device firmly and effortlessly with the included magnetic mounting holder

### Backup tracking the easy way

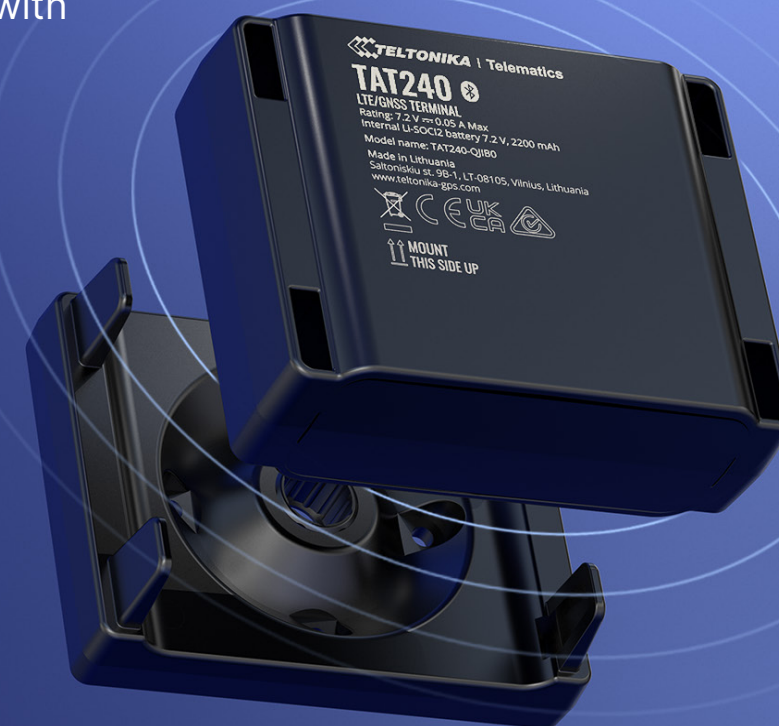
Ideal to be used as a backup tracker – easy to hide anywhere in a vehicle thanks to a compact size, while sleep mode protects against detecting tracker by thieves

# TAMPERING DETECTED!

Increase your asset safety with  
tamper-proof TAT240



Read more







Asset tracker with 4G LTE Cat M1 connectivity



KEY FEATURES

Periodic location 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 TAT141 as a backup tracker for your transport's maximum safety

Effortless installation

Several mounting options to ensure fast and simple installation without any wires

Protection in extreme weather conditions

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



Asset trackers with a waterproof IP68-rated casing



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





# 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 detection

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



# TMT250

2G

Autonomous mini GPS tracker for personal security



## 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 BLE beacons and sensors, to monitor temperature, humidity, magnet detection, and movement

### Built-in man-down, alarm & no-movement detection

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



# VIDEO TELEMATICS

## INNOVATIVE

ways to increase significantly the safety of drivers and passengers

## EXTENSIVE

features to ensure compliance with traffic rules by monitoring driver behaviour

## INVALUABLE

videos & photos that capture the events occurring on the roads







## TELTONIKA DSM

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



### 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



# INSTANT ALERTS

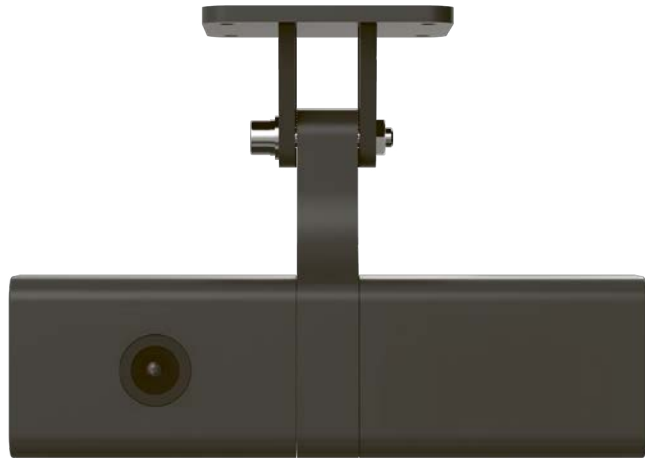
to keep driver focused and avoid accidents





## TELTONIKA DASHCAM

Road video monitoring solution



### 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

#### Video file delivery to your server

Dash camera supports High Efficiency Video Coding H.265 to transmit high-quality files to your server on the cloud

# FORWARD-FACING

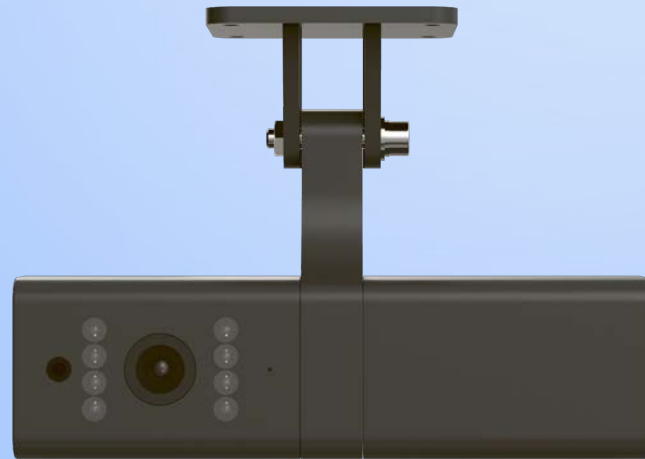
GDPR and similar law-compliant video solution





## 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

#### Video file delivery to your server

Dual camera supports High Efficiency Video Coding H.265 to transmit high-quality files to your server on the cloud



## ADAS

Designed to avoid collisions  
and accidents with visual  
monitoring functionality



### 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 periodic 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.



# SENSORS & BEACONS



## 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 SENSOR

Bluetooth® LE sensor for various application scenarios

## KEY FEATURES

### Sensors

Accelerometer, temperature, humidity, and magnet detection for numerous scenarios

### Water-resistant casing

Robust IP67-rated casing for enhanced device longevity

### Long lifetime

Up to 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

Up to 10 years battery lifetime to reduce financial and environmental cost

### Water-resistant 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







## EYE BEACON EYE SENSOR

**ATEX**

Bluetooth® ID beacons and sensors to keep an eye on your assets in hazardous environment



### KEY FEATURES

#### Locate your assets in hazardous environment

Always know the whereabouts of your assets, including the facilities in oil, gas, and chemical industries

#### Enhanced robustness

ATEX-certified EYE devices are additionally reinforced for use in challenging conditions

#### Smart design

Compact EYE devices can be conveniently mounted in 4 different ways, while IP67-rated casing ensures reliability and durability

#### EYE app

Intuitive and easy-to-use Teltonika mobile app for prompt configuration and data scanning

# ATEX- CERTIFIED

devices to use in hazardous environment





# SOLUTIONS

## EFFICIENT

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

## COMPLETE

web solution for downloading and managing digital tachograph files

## REFERENCE

tools to find answers and become an expert of tracking devices







# FOTA WEB

Remote device management solution

## Easy start

Access all your recently purchased devices without any configuration required

## Automation

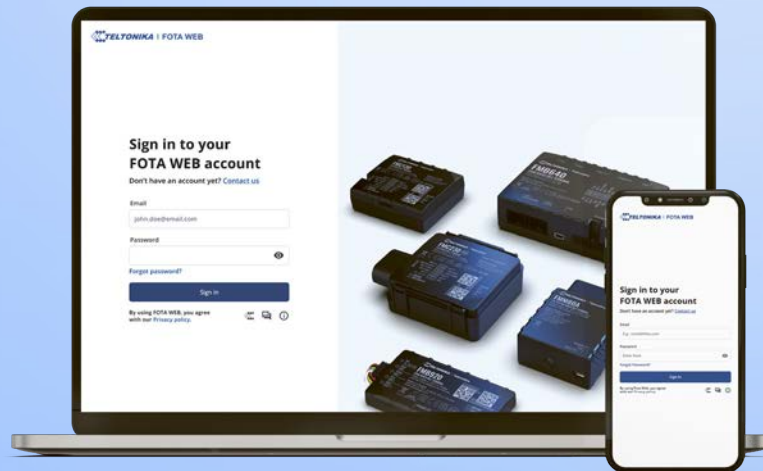
Scale deployment and update process by sending the configuration templates and firmware to an unlimited number of devices by just a few clicks

## 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

Dedicated platform to automate remote tachograph download and assure regulation compliance

## 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

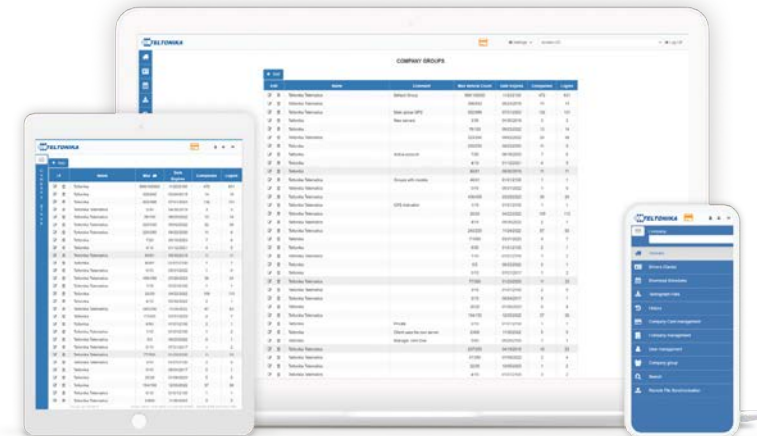
Downloads will be made based on configured schedule

## 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 VB, CB







# TCT

Innovative Telematics  
Configuration Tool unlocking  
the full potential of our devices

## Auto update

The latest TCT version is delivered directly to  
your PC

## User-friendly

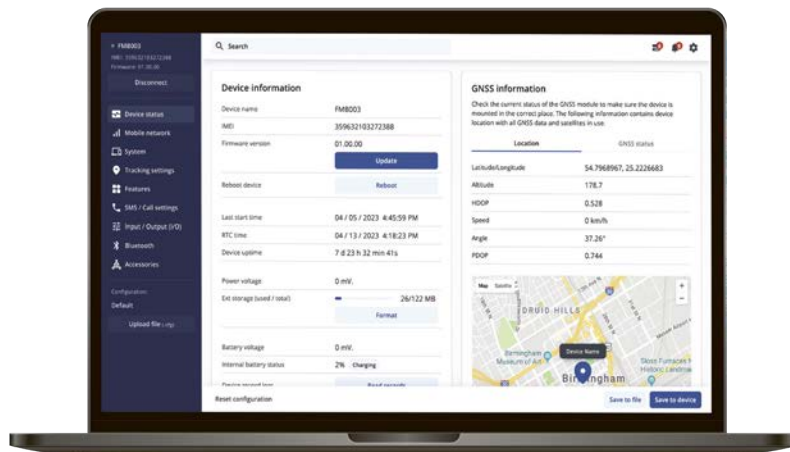
Device settings is easy for newbies and  
professionals alike

## Parameter search

Get directly to the settings you need

## Setup wizard

Let TCT guide you through the configuration  
process



# NEXT-GENERATION

Telematics Configuration Tool

## SETUP WIZARD

Let TCT walk you through basic setup  
steps and get useful configuration tips



## AUTOMATIC UPDATE

Get notified about software updates  
and use a single version of TCT for all  
supported devices





## 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 multinet network module that can be soldered on a device directly, enabling remote SIM provisioning with SIM ID change on the go



## IRIDIUM EDGE®

The essential part of the Iridium Connected® telematics solution

### 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







# 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.

## CAN ADAPTERS



**ALL-CAN300**  
Order code: ALC3004P4501



**CAN-CONTROL**  
Order code: CANCONGH CZ01



**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



**OBD-II Y SPLITTER CABLE**  
Order code: PPCB00007460



**9-PIN CABLE**  
Order code: PPCB00007240

## 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



**MAGNETIC HOLDER**  
Order code: PPEX00007620



POWER CABLES



12-PIN POWER CABLE FOR CIGARETTE LIGHTER SOCKET

Order code: PPCB00000250



OBD-II POWER CABLE (FEMALE)

Order code: PPW50000110



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



## ACCESSORY COMPATIBILITY

[illegible]

<sup>1</sup> Can be used in combination with LV-CAN200, ALL-CAN300, and for FMS data reading.







# READY TO HELP YOU!



[www.teltonika-gps.com](http://www.teltonika-gps.com)



Saltonskiu st. 9B-1  
LT-08105 Vilnius, Lithuania



Tel: +370 5 212 7472



Contact us



LinkedIn



YouTube



Newsletter





