

# TELEMATICS

## Product Catalog



”

We have redesigned it with you in mind, making it easier than ever to find the perfect solution for your project needs.

## DEAR READER,

Teltonika's telematics business unit presents its most user-centric Product Catalog version yet. We have redesigned it with you in mind, making it easier than ever to find the perfect solution for your project needs. The catalog is crafted to be more efficient and has a smarter layout.

You will find more substance in fewer pages. Each category now includes a focused comparison of its devices, highlighting the key differences to help you make informed decisions. Each product page contains a featured use case with key benefits, showcasing the most popular practical applications. Full-page use case scenarios, complete with illustrative topologies, will spark your imagination further.

Among our latest GPS devices, EYE Sensor EN12830 stands out by ensuring that temperature-sensitive goods are properly stored and delivered in cold chain solutions. Meanwhile, the new Teltonika FMx250 series makes an appearance providing time-proven functionality complemented with a water-resistant IP67 casing.

This catalog is more than a list of products and features – it's a toolkit for profit-driven transformation. Let's explore them together. Dive in, browse, and discover how Teltonika can take your business forward.



**ALEKSANDR KRUPOVIČ**

Head of Operational marketing department



30+

Million manufactured products

26

Countries

26+

Years of experience



# TABLE OF CONTENTS

## 8 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!

9	FTC881
10	FMC380/FMM880/FMT100
11	FMC800/FMM800/FMB010
12	USE CASE
13	DEVICE COMPARISON

## 14 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!

15	FTC921
16	FTC961
17	FMC920/FMM920/FMB920
18	FMB965
19	DEVICE COMPARISON

## 34 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.

35	TFT100
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## 36 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.

37	FMC650/FMM650
38	FMC125/FMM125/FMB125
39	DEVICE COMPARISON

## 40 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.

41	TAT140/TAT141/TAT100
42	TAT240
43	DEVICE COMPARISON
44	GH5200
45	USE CASE

## 20 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.

21	FMC130/FMM130/FMB130
22	FMC234
23	FMB209
24	DEVICE COMPARISON

## 26 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.

27	FMC003/FMM003/FMB003
28	FMM00A
29	DEVICE COMPARISON

## 30 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.

31	FMC150/FMM150/FMB150
32	CAN-CONTROL
33	DEVICE COMPARISON

## 46 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.

47	ADAS
48	TELTONIKA DUALCAM/TELTONIKA DASHCAM
49	TELTONIKA DSM

## 50 EYE SENSORS

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.

51	EYE PORTFOLIO
52	USE CASE
53	DEVICE COMPARISON

## 54 SOLUTIONS

55	TCT
56	FOTA WEB
58	TELTONIKA CONFIGURATOR
59	GLOBAL CONNECTIVITY SOLUTION
60	SATELLITE CONNECTIVITY
61	USE CASE

## 62 ACCESSORIES

66	ACCESSORY COMPATIBILITY
68	PRODUCT COMPARISON

# FAST & EASY

## Perfect for:

Basic track & trace

Insurance telematics

Delivery services



FT platform battery-mounted tracker with IP69K-rated casing

New

## KEY FEATURES

### Higher GNSS accuracy

More precise GNSS with up to 41 visible satellites, enabling considerably higher tracking quality for location-based services

### IP69K waterproof casing

The ultimate protection against dust, high pressure water, and steam

### Fast installation

With U-type cable, virtually anyone can mount the device in 5 minutes or less directly on a car battery



## FEATURED USE CASE



### Tracker for insurance telematics industry

All-in-one FTC881 device feature set dedicated for insurance industry

A detailed set of data to monitor and analyse client portfolio or corporate fleet driver

FTC881 tracker with a clamp connector can be swiftly installed in under 5 minute

\* currently for testing purposes only



## FMC880 | 4G

Water-resistant battery-mounted trackers

## FMM880 | M1

## FMT100 | 2G

### 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

With U-type cable, 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



### FEATURED USE CASE



#### e-TOLL certified vehicle GPS trackers

Tracking cars and automatically processing payments in real-time on paid road sections

No special tools, technical skills, or experience are required to install FMx880 series and FMT100 devices

Wide-ranging tracking data includes vehicle current location, average trip speed, etc.



## FMC800 | 4G

Plug & Play trackers for a wide range of use cases

## FMM800 | M1

## FMB010 | 2G

### KEY FEATURES

#### Effortless Plug & Play installation

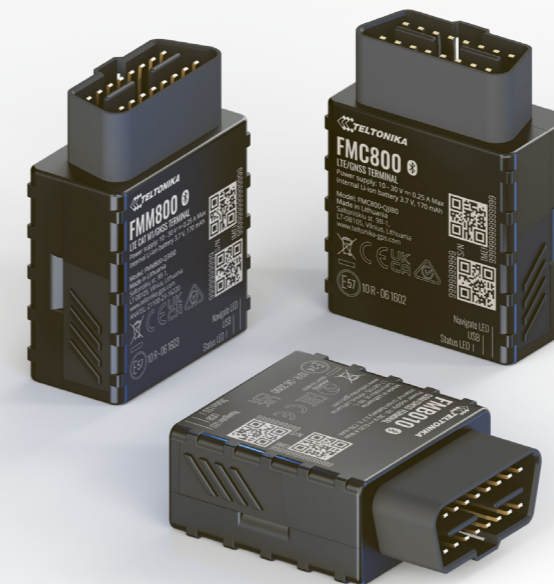
Simply plug the device in OBD-II port and start tracking

#### Eco driving scenario

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

#### Crash detection

Accurate crash trace data ensured by the built-in 3-axis accelerometer with fully configurable parameters through our software



### FEATURED USE CASE



#### Luxury car tracking solution with FMx800 series

Hassle-free device installation through the OBD-II port connector

A built-in accelerometer for detailed accident trace data and accurate evaluation

Expanded range of usage scenarios and projects with Bluetooth® LE connectivity

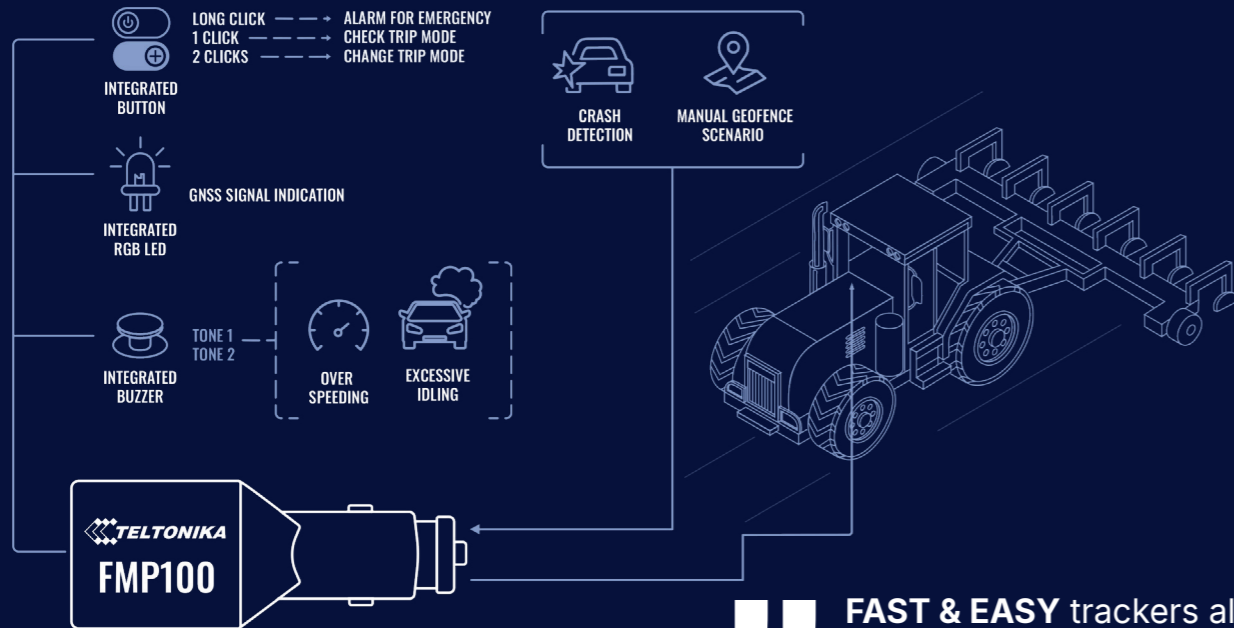


## Maximising efficiency and cost savings for seasonal business

is easy to install and simple to apply to a variety of vehicles

Geofence scenarios allow sending alerts when vehicles enter/leave defined zones

Improved driver safety with a special button to send an emergency alarm



**FAST & EASY** trackers allow seasonal businesses to monitor their vehicles in real time, ensuring optimal use of resources

## FAST & EASY

Device comparison

	FTC881	FMC880	FMM880	FMT100	FMC800	FMM800	FMM80A	FMB020	FMB010	FMP100
Features										
Connectivity	4G	4G	M1	2G	4G	M1	M1	2G	2G	2G
Device size (L x W x H)	118 x 48 x 18.5 mm	92.5 x 57.6 x 14 mm	92.5 x 57.6 x 14 mm	92.5 x 57.6 x 14 mm	67.2 x 49.6 x 25 mm	67.2 x 49.6 x 25 mm	67.2 x 49.6 x 25 mm	52.6 x 29.1 x 26 mm	67.2 x 49.6 x 25 mm	96.7 x 33.4 x 27.5 mm
Power supply	10-90 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC
Connector type	U-type	U-type	U-type	U-type	OBD	OBD	OBD	OBD	OBD	Cigarette lighter plug
Ingress protection	IP69K	IP65	IP65	IP65	IP41	IP41	IP41	IP41	IP41	IP41
Battery capacity	320 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	115 mAh Li-ion 3.7 V	45 mAh 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V
Bluetooth®		4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE
Certified for North America							Yes			

# BASIC

## Perfect for:

Basic track & trace

Anti-theft solutions & SVR

Driver behaviour monitoring



## FTC921 | 4G

FT platform high voltage tracker with enhanced GNSS accuracy

New

### KEY FEATURES

#### Higher GNSS accuracy

More precise GNSS with up to 41 visible satellites, enabling considerably higher tracking quality for location-based services

#### Longer performance, slower drainage

Optimised sleep modes allow the device to operate on its own for an extended period of time and significantly reduce vehicle battery drainage

#### High voltage power supply

Extended integration versatility for seamless use in e-motorcycles, e-mopeds, e-rickshaws, and other electric vehicles



### FEATURED USE CASE



#### Basic track and trace

Teltonika trackers help reduce fuel costs and optimise fleet utilisation

Real-time tracking ensures rapid detection of unauthorised vehicle movements

Insightful data, from driving patterns to idle times, is ready for fleet managers



## FTC961\* | 4G

FT platform high voltage tracker with enhanced GNSS accuracy and IP69K-rated casing

New

### KEY FEATURES

#### Higher GNSS accuracy

More precise GNSS with up to 41 visible satellites, enabling considerably higher tracking quality for location-based services

#### IP69K waterproof casing

The ultimate protection against dust, high pressure water, and steam

#### High voltage power supply

Extended integration versatility for seamless use in e-motorcycles, e-mopeds, e-rickshaws, and other electric vehicles



### FEATURED USE CASE



#### Motorcycle tracking, protection, and safety

FTC961 provides reliable basic tracking of motorcycles, e-bikes, and other two-wheelers

IP69K-rated casing allows to use the device in various challenging environments

10-90 V power supply range makes FTC961 compatible with a wide range of two-wheelers

## FMC920 | 4G | FMM920 | M1 | FMB920 | 2G

The most popular compact models for basic tracking



### KEY FEATURES

#### Eco driving scenario

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

#### Slim design to fit the tightest spaces

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

#### Extensive remote monitoring possibilities

Blocking engine remotely among the numerous available fleet control measures

### FEATURED USE CASE



#### Anti-theft solution and stolen vehicle recovery

Prevent loss by detecting suspicious behaviour and effectively slowing down thieves

Effectively detect attempts to jam GNSS or GSM radio signals to keep your cars safe

Using a dual GPS tracker system provides double protection for your fleet



# 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 usage

Large-capacity 1,200 mAh Li-ion internal backup battery for extended device operation time



## FEATURED USE CASE



### Recreational vehicle GPS tracking and safety

Water-resistant and dustproof casing ensures reliable GPS tracking

Up to 30 days of uninterrupted use with our unique device sleep mode

Advanced helmet detection technology for driver safety

# BASIC

Device comparison

	FTC961	FTC921	FMB930	FMC920	FMM920	FMB920	FMB910	FMB900	FMB965
<b>Features</b>									
Connectivity	4G	4G	2G	4G	M1	2G	2G	2G	2G
Device size (L x W x H)	118 × 48 x 18.5 mm	93 × 43 x 12.5 mm	79 × 43 x 12 mm	79 × 43 x 12 mm	79 × 43 x 12 mm	79 × 43 x 12 mm	79 × 43 x 21 mm	79 × 43 x 12 mm	79 × 43 x 22 mm
Hardware inputs	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input
	Analog input	Analog input		Analog input	Analog input	Analog input	Analog input	Analog input	
	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output
Power supply	10-90 V DC	10-90 V DC	10-90 V DC	10-30 V DC	10-30 V DC	6-30 V DC	6-30 V DC	6-30 V DC	10-30 V DC
Connector type	5-pin	5-pin	5-pin	5-pin	5-pin	5-pin	5-pin	5-pin	5-pin
Ingress protection	IP69K	IP41	IP54	IP54	IP54	IP54	IP54	IP54	IP67
Battery capacity	320 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V		1,200 mAh Li-ion 3.7 V
Bluetooth®			4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE

# ADVANCED

## Perfect for:

GPS-based work time management

Cold chain temperature monitoring

Trailer tracking

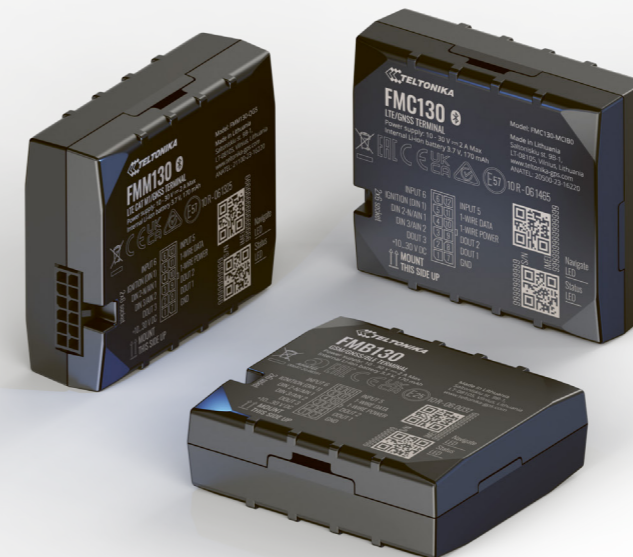


**FMC130** | 4G

**FMM130** | M1

**FMB130** | 2G

Advanced trackers with flexible inputs and CAN adapter support



## KEY FEATURES

### 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

### Accurate fuel usage control

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

## FEATURED USE CASE



### Car-sharing solution

Easy to configure devices and simple firmware updates over the air

Remote control of vehicle doors and windows, from the most popular car models to EVs

Access to CAN bus data to read essential vehicle parameters remotely

# FMC234 | 4G

Water-resistant tracker with high-capacity battery

## 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



## FEATURED USE CASE



### Construction vehicle tracking with IP67 rating GPS devices

Reliable tracking in various challenging environments including construction sites

Diverse device mounting options as different cables can be connected when required

No additional tools needed to install devices with innovative click-type case closing

# FMB209 | 2G

Water-resistant tracker with RS232 interface and large-capacity internal Li-ion battery

## KEY FEATURES

### Available in two versions

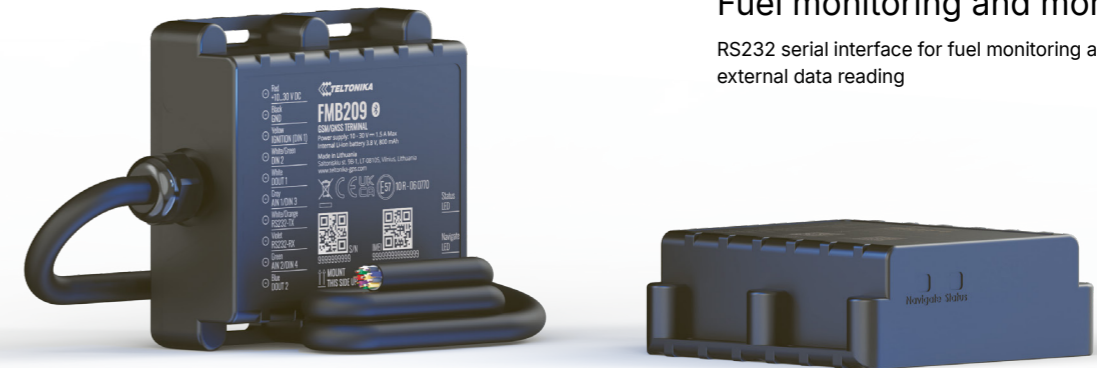
For Europe, with CE RED and E-Mark certificates and for India, compliant with AIS140

### 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



## FEATURED USE CASE



### Efficient fuel management solutions








Optimised fuel usage, reduced costs, and improved overall fleet efficiency

Monitoring driver behaviour decreases the risk of harsh acceleration and braking

Continuous overseeing of vehicle data ensures timely detection of breakdowns









# ADVANCED

Device comparison

	FMC234	FMC230	FMM230	FMB230	FMB202	FMB204	FMB209
<b>Features</b>							
Connectivity	4G	4G	M1	2G	2G	2G	2G
Device size (L x W x H)	70.5 × 67 x 25.6 mm	70.5 × 67 x 25.6 mm	70.5 × 67 x 25.6 mm	70.5 × 67 x 25.6 mm	72.5 × 73 x 27.3 mm	72.5 × 73 x 27.3 mm	72.5 × 73 x 27.3 mm
Hardware inputs	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input
	Impulse input	Impulse input	Impulse input	Impulse input			
	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input
	Negative input	Negative input	Negative input	Negative input			
	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output
	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	RS232
Power supply	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	6-30 V DC	6-30 V DC	10-30 V DC
Connector type	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin
Ingress protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Battery capacity	1,000 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	400 mAh Ni-MH 7.2 V	1,800 mAh Li-ion 3.7 V	800 mAh Li-ion 3.7 V
Bluetooth®	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE
CAN bus	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support			
Certified for India							Yes

# ADVANCED

Device comparison

	FMC130	FMM130	FMB130	FMC13A	FMM13A	FMB110	FMB120	FMB122
<b>Features</b>								
Connectivity	4G	M1	2G	4G	M1	2G	2G	2G
Device size (L x W x H)	65 × 56.6 x 20.6 mm	65 × 56.6 x 20.6 mm	65 × 56.6 x 20.6 mm	77 × 62 × 20 mm	77 × 62 × 20 mm	65 × 56.6 x 20.6 mm	65 × 56.6 x 20.6 mm	65 × 56.6 x 20.6 mm
Hardware inputs	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input
	Impulse input	Impulse input	Impulse input	Impulse input	Impulse input			
	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input
	Negative input	Negative input	Negative input	Negative input	Negative input			
	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output
	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire
Power supply	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC
Connector type	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin
Ingress protection	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41
Battery capacity	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V
Bluetooth®	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE
CAN bus	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support
GNSS antenna	Internal High Gain	Internal High Gain	Internal High Gain	Internal High Gain	Internal High Gain	Internal High Gain	Internal High Gain	External High Gain
Certified for North America				Yes	Yes			

# OBD DATA

## Perfect for:

Fuel management solutions

Rental & leasing

Logistics & delivery services



**FMC003** | 4G

**FMM003** | M1

**FMB003** | 2G

Trackers with OBD OEM data reading



## KEY FEATURES

### Reading OBD OEM parameters

Get real odometer & real fuel level data

### Know supported vehicles and data

Supported ICE and electric vehicle list with all available manufacturer models and parameters

### Effortless Plug & Play installation

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

## FEATURED USE CASE



### Fleet maintenance schedules

Automated fleet maintenance schedules maximise vehicle uptime and operational efficiency

Moving from paper-based tracking to a digital solution ensures cost-effective management

Real-time vehicle health alerts keep drivers from risks related to overdue maintenance

# FMM00A | 4G

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

## KEY FEATURES

### Tailored for North America

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 supported vehicles and data

Supported ICE and electric vehicle list with all available manufacturer models and parameters



## FEATURED USE CASE



### GPS electronic logbook






Automated logbook process reduces manual errors and time-consuming paperwork

Monitoring driving behaviour and activities increases driver accountability

Easy switching between business and private modes ensures privacy and compliance

# OBD DATA

Device comparison

	FMC003	FMM003	FMB003	FMB001	FMM00A
<b>Features</b>					
Connectivity	4G	M1	2G	2G	M1
Device size (L x W x H)	67.2 × 49.6 × 25 mm	67.2 × 49.6 × 25 mm	52.6 × 29.1 × 26 mm	67.2 × 49.6 × 25 mm	67.2 × 49.6 × 25 mm
Power supply	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC
Connector type	OBD	OBD	OBD	OBD	OBD
Ingress protection	IP41	IP41	IP41	IP41	IP41
Battery capacity	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	45 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	115 mAh Li-ion 3.7 V
Bluetooth®	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE
CAN bus	OBD OEM OBD Standard	OBD OEM OBD Standard	OBD OEM OBD Standard	OBD Standard	OBD OEM OBD Standard
OBD parameters supported	Up to 32 vehicle onboard parameters	Up to 32 vehicle onboard parameters	Up to 32 vehicle onboard parameters	Up to 32 vehicle onboard parameters	Up to 32 vehicle onboard parameters
FMS data reading	Yes	Yes	Yes	Yes	Yes
Certified for North America					Yes

# CAN DATA

## Perfect for:

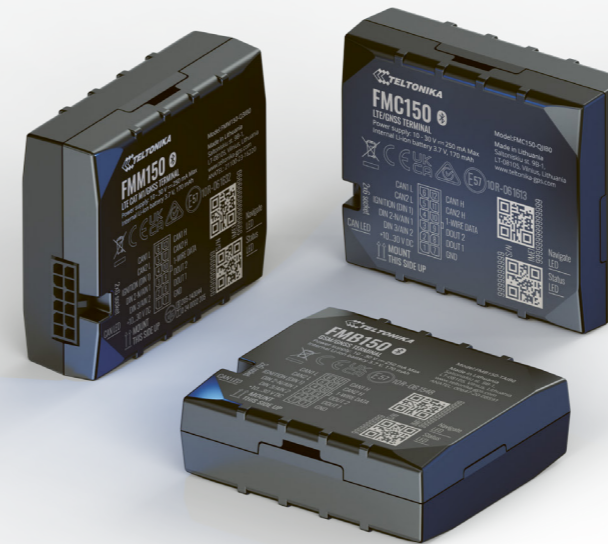
Logistics & delivery services

Car sharing, rental & leasing

Predictive maintenance

 **FMC150** | 4G | **FMM150** | M1 | **FMB150** | 2G

Advanced trackers with integrated CAN data processor



## KEY FEATURES

### Built-in CAN bus data reading chip

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

### Supporting over 40 CAN parameters of ICE and electric vehicles

Extensive data collection enables detailed analysis of vehicle operations, facilitating effective maintenance and performance optimisation

### Know supported vehicles and data

Supported ICE and electric vehicle list with all available manufacturer models and parameters

## FEATURED USE CASE



### Efficient fuel management solutions

Optimised fuel usage, reduced costs, and improved overall fleet efficiency

Monitoring driver behaviour decreases the risk of harsh acceleration and braking

Continuous overseeing of vehicle data ensures timely detection of breakdowns





# CAN-CONTROL

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



## FEATURED USE CASE



### Maximising car-sharing fleet efficiency and safety







CAN-CONTROL adapter remotely locks/unlocks vehicles, controls windows, etc.

FMx125 series devices provide accurate tracking for advanced fleet monitoring

Teltonika DashCam video footage significantly facilitates accident investigation

# CAN DATA

Device comparison

	FMC150	FMM150	FMB150	FMC250	FMM250	FMB240	FMB140
<b>Features</b>							
Connectivity	4G	M1	2G	4G	M1	2G	2G
Hardware inputs	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input	Digital input
	Impulse input	Impulse input	Impulse input	Impulse input	Impulse input	Impulseinput	Impulse input
	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input	Analog input
	Negative input	Negative input	Negative input	Negative input	Negative input	Negative input	Negative input
	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output	Digital output
Connector type	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin	12-pin
Ingress protection	IP41	IP41	IP41	IP67	IP67	IP67	IP41
Battery capacity	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V
Bluetooth®	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE
CAN parameters supported	90+	90+	90+	90+	90+	120+	120+
CAN vehicles supported	1,800+	1,800+	1,800+	1,800+	1,800+	3,000+	3,000+

# E-MOBILITY

## Perfect for:

Electric micromobility management

E-forklift management

Waste management & city e-cleaning

Electric battery management

## **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

### FEATURED USE CASE



#### Management of e-scooter and e-moped sharing services

Tracking various potential issues to ensure that e-fleet is always ready for use

Extensive data on user behaviour, such as speeding or breaches of pre-set parameters

Increased fleet reliability thanks to water-resistant and dustproof IP67-rated casing

# PROFESSIONAL

## Perfect for:

International logistics & cold chain

Tachograph solutions

Mining & construction

Agricultural equipment monitoring



Trackers with advanced FMS data reading for comprehensive heavy fleet management



## KEY FEATURES

### CAN data reading from heavy vehicles and special machinery

Read J1939 data from heavy vehicles and special machinery by connecting to multiple CAN nodes, while on-demand data requests and command transmissions via CAN reduce extra wiring and server work

### 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 with a dedicated WEB TACHO solution location-based services

### FMS Eco driving

Save time and money with Eco driving functionality – monitoring driver behaviour across vehicles of different manufacturers allows consolidating reports to one server and reducing fuel costs by approx. 15%



## FEATURED USE CASE



### Management of drivers' working hours with VDO counter

Automated extraction of tachograph data helps to comply with driving regulations

Optimal management of vehicles and drivers enables efficient resource utilisation

Ensuring that rest and driving times are adhered to improves driver safety



# FMC125 | 4G

Versatile trackers with RS232, RS485 interfaces

# FMM125 | M1

# FMB125 | 2G

## KEY FEATURES

### 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

### Accurate fuel usage control

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



## FEATURED USE CASE



### Logistics tracking in remote areas

Valuable data anywhere in the world provided by satellite connectivity

Cost-effective solution that first uses cellular networks whenever possible

Data transmitted and fleet vehicles visible regardless of weather conditions

# PROFESSIONAL

Device comparison

	FMC650	FMM650	FMC225	FMB225	FMC125	FMM125	FMB125
<b>Features</b>							
Connectivity	4G	M1	4G	2G	4G	M1	2G
Device size (L x W x H) mm	104.1 x 76.8 x 31.5	104.1 x 76.8 x 31.5	70.5 x 67 x 25.6 mm 85 x 67 x 25.6 mm (length with connector socket)	70.5 x 67 x 25.6 mm 85 x 67 x 25.6 mm (length with connector socket)	65 x 56.6 x 20.6 mm	65 x 56.6 x 20.6 mm	65 x 56.6 x 20.6 mm
Hardware inputs	Digital input Analog input Digital output 1-Wire RS232 RS485 UART	Digital input Analog input Digital output 1-Wire RS232 RS485 UART	Digital input Analog input Digital output 1-Wire RS232 RS485	Digital input Analog input Digital output 1-Wire RS232 RS485	Digital input Analog input Digital output 1-Wire RS232 RS485	Digital input Analog input Digital output 1-Wire RS232 RS485	Digital input Analog input Digital output 1-Wire RS232 RS485
Power supply	8-32 V DC	8-32 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC	10-30 V DC
Connector type	20-pin	20-pin	12-pin	12-pin	12-pin	12-pin	12-pin
Ingress protection	IP41	IP41	IP67	IP67	IP41	IP41	IP41
Battery capacity	550 mAh Ni-MH 8.4 V	550 mAh Ni-MH 8.4 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V	170 mAh Li-ion 3.7 V
Bluetooth®	5.0 + LE	5.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE	4.0 + LE
CAN bus	External CAN adapter support FMS J1939 FMS J1708 K-Line (Tachograph)	External CAN adapter support FMS J1939 FMS J1708 K-Line (Tachograph)	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support	External CAN adapter support
FMS data reading	Yes	Yes					
GNSS antenna	External High Gain	External High Gain	Internal High Gain	Internal High Gain	Internal High Gain	Internal High Gain	External/Internal High Gain
Tachograph data reading	Yes	Yes					
Video accessories support	Yes		Yes	Yes	Yes		Yes

# ASSETS & WORKFORCE

## Perfect for:

Vehicle backup tracking

Trailer tracking

Construction equipment and container tracking



**TAT140** | 4G

**TAT141** | M1

**TAT100** | 2G

Asset trackers with a waterproof IP68-rated casing



## 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 as a backup tracker for your transport's maximum safety

### Extendable battery life

Various usage scenarios to increase battery lifetime depending on your needs

## FEATURED USE CASE



### Improving security of leased vehicles with GPS trackers

Dual GPS trackers ensure vehicle location reports even if one of the devices is compromised

TAT models work for up to 5 years as backup trackers via Bluetooth®

Affordable solution highly improves fleet safety and helps to recover vehicles if stolen



# TAT240

4G

Tamper-proof asset tracker

## 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



## FEATURED USE CASE



### Tracking rental equipment



Tamper-proof TAT240 helps prevent theft and unauthorised use of rental equipment

Advanced technology ensures reliable functioning of tampering alerts

Accurate tracking of rental equipment increases productivity and reduces delays

# ASSETS & WORKFORCE

Device comparison

	TAT240	TAT141	TAT140	TAT100	GH5200
<b>Features</b>					
Connectivity	4G	M1	4G	2G	2G
Device size (L x W x H)	78 × 63 × 39 mm (with holder) 78 × 63 × 28 mm (without holder)	78 × 63 × 28 mm	78 × 63 × 28 mm	78 × 63 × 28 mm	95 × 64 × 11 mm
Tamper detection	Yes				
Magnetic holder included	Yes				
Ingress protection	IP68	IP68	IP68	IP68	IP30
Battery size	2,200 mAh	2,200 mAh	2,200 mAh	2,200 mAh	1,050 mAh
Battery life (backup tracking via Bluetooth®)*	Up to 5 years	Up to 5 years	Up to 5 years	Up to 6 years (3-cell version) Up to 5 years (2-cell version)	
Battery life (1 GNSS report per day)*	Up to 3 years	Up to 3 years	Up to 3 years	Up to 4 years (3-cell version) Up to 3 years (2-cell version)	
Rechargeable battery					Yes
Replaceable battery	Yes	Yes	Yes	Yes	Yes
Certified for North America		Yes			
Supported accessories	TAT240 magnetic holder, all EYE devices	TAT1yx magnetic holder, all EYE devices	TAT1yx magnetic holder, all EYE devices	TAT1yx magnetic holder, all EYE devices	All EYE devices, wall charger (EU)

\*Battery life estimates are influenced by various factors such as outdoor temperature, frequency of reporting, installation, orientation of a device, network coverage, additional functionalities (like Bluetooth® scanning enabled), and 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 detection

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



## FEATURED USE CASE



### Workforce monitoring solution with GH5200 for agriculture

GH5200 device helps keep workers safe by tracking their location and movements

Comprehensive data assist in optimising routes and increasing productivity

Farming costs can be cut by reducing the need for manual tracking and monitoring

## FEATURED USE CASE

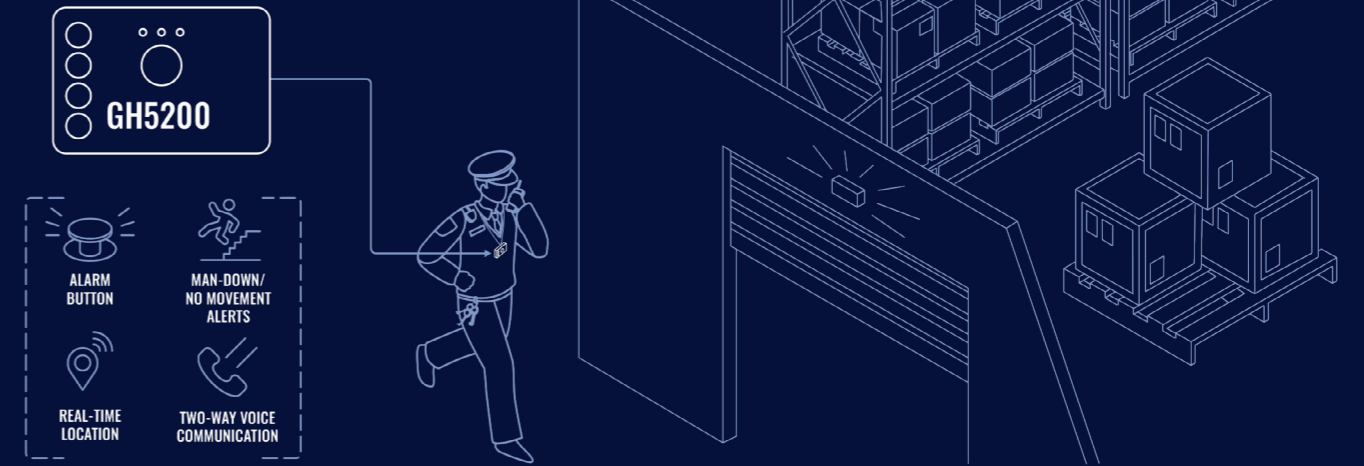


### Lone workers monitoring

Increased safety and peace of mind by monitoring lone workers in real time

Efficient resource allocation by sending help exactly where it is needed

Improved workforce productivity by identifying inefficiencies in workflows



” GH5200 allows for immediate assistance in the event of an emergency, providing an added layer of safety

# VIDEO TELEMATICS

## Perfect for:

Road incident reconstruction

Assisted driving

Driver behaviour analysis

Enhanced driver safety



## ADAS

Designed to avoid collisions and accidents with visual monitoring functionality

### KEY FEATURES

#### Videos & photos by request

Get a 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, including pictures and videos, 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



### FEATURED USE CASE



#### Video telematics to improve mining safety

Driver behaviour and road status control help prevent potential risks

Operators can request photos or video at any time to verify critical situations

Drivers are immediately alerted when a safety event is detected



# TELTONIKA DUALCAM

In-cabin and road video monitoring solutions

## KEY FEATURES

### Comprehensive video monitoring

Front camera in both solutions records videos of events that may occur on the road, while rear camera in Teltonika DualCam additionally monitors the inside of 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

## FEATURED USE CASE



### Teltonika DualCam solution with DOUT power control

Capturing footage even when the engine is off helps prevent incidents

Dual-SIM feature in FMx125 devices significantly reduces roaming costs

High-Efficiently Video Coding H.265 ensures high video quality

# TELTONIKA DASHCAM



# TELTONIKA DSM

Driver Safety and Monitoring solution – FMC650 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

## FEATURED USE CASE



### Prevention of accidents with Teltonika DSM solution

Road accident prevention by keeping drivers accountable, disciplined, and safe

Drivers receive audible alerts via a camera whenever an event is detected

Comprehensive DSM solution functionality meets the needs of corporate fleets

# EYE SENSORS

## Perfect for:

Construction tool tracking

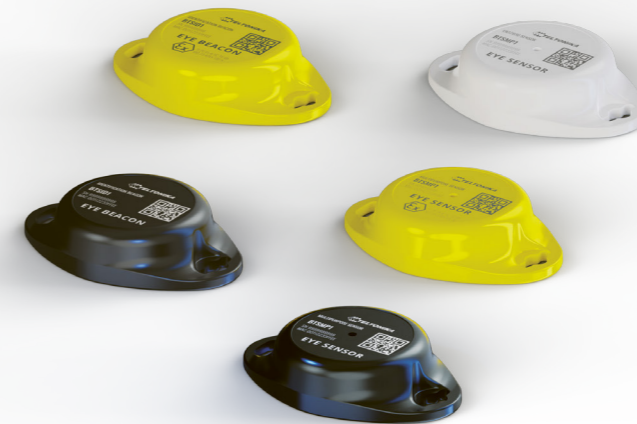
Cold chain temperature monitoring

Equipment tracking in hazardous areas



## EYE PORTFOLIO

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



### KEY FEATURES

#### Effortless installation

EYE devices are small, wireless, and easy to integrate with Teltonika trackers

#### ID & sensors

ID, magnet detection, temperature\*, humidity\*, and movement\* sensors

#### Long lifetime

Up to 10 years for EYE Beacons and up to 5 years for EYE Sensors to reduce financial and environmental cost

### FEATURED USE CASE



## Telematics for the agriculture and farming industry

Smart farming and outstanding efficiency by tracking equipment and processes

Adding low-cost Bluetooth® ID beacons to agricultural machinery is quick and simple

Tracking agricultural vehicle maintenance schedule becomes an automated process

\*only EYE Sensor, EYE Sensor ATEX, and EYE Sensor EN12830



## Construction tool tracking with Bluetooth® beacons

Site managers can monitor the location of any asset of interest in real time

Equipment theft can be prevented, significantly reduced, or spotted in the process






Value-adding EYE Beacon features help optimise construction site asset utilisation



” Accurate, here and now, tracking of construction tools

# EYE SENSORS

Device comparison

	EYE BEACON	EYE SENSOR	EYE BEACON ATEX	EYE SENSOR ATEX	EYE SENSOR EN12830
<b>Features</b>					
ID advertising	Yes	Yes	Yes	Yes	Yes
Sensors	Magnet detection	Movement Temperature Humidity Magnet detection	Magnet detection	Movement Temperature Humidity Magnet detection	Temperature Humidity Movement Magnet detection
Battery life	Up to 10 years	Up to 5 years	Up to 10 years	Up to 5 years	Up to 5 years
Temperature recording to internal memory					33,000 logs
Laboratory calibrated temperature sensor					Yes
Certified accuracy class					0.5° C
Certified for cold chain					EN12830
Certified for hazardous environment			ATEX Zone 1	ATEX Zone 1	

# SOLUTIONS



Innovative Telematics Configuration Tool  
unlocking the full potential of the FT  
platform devices

## KEY FEATURES

### Enhanced usability

Experience optimised parameter grouping and create configuration without an external documentation required

### Automatic update

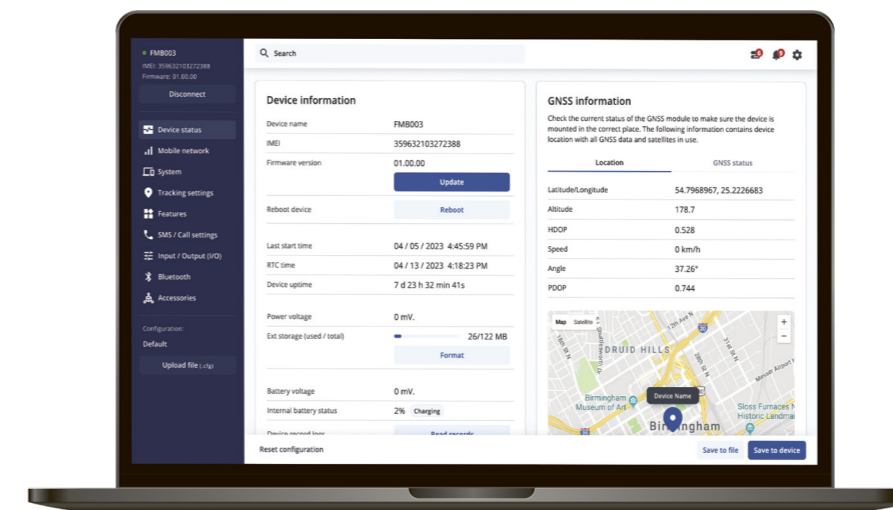
Get notified about software updates and always use the newest TCT version available

### Search field

Speed up device setting process by accessing required parameters right away

### Setup wizard

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





# FOTA WEB

Remote Teltonika device management solution

## KEY FEATURES

### Remote device access

Manage your telematics devices deployed in the field and perform required updates from the comfort of your office

### Automatic device import

All telematics products purchased directly from Teltonika are automatically added to your virtual company

### Cloud data storage

Access FOTA WEB with the help of your browser and internet connection while we take care of data storage

### Access to TCT web version

Easily access TCT web version through your FOTA WEB account – create new or edit existing configuration files and save them directly to FOTA WEB



# TIME EFFICIENCY & PRODUCTIVITY

Access TCT web version via FOTA WEB to manage FT platform device configuration files

# TELTONIKA CONFIGURATOR

Sophisticated tool for managing FMB platform tracker settings

## KEY FEATURES

### Tailor-made settings

Create your own usage scenarios to fit any telematics project

### Live status

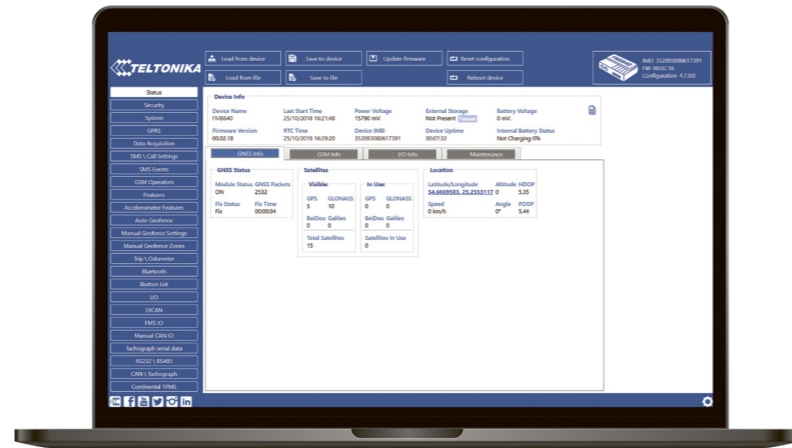
Check real-time device information and ensure correct configuration settings

### Easy management

Connect to your devices directly and retrieve key parameters without a third-party solution required

### Configuration templates

Create configuration templates for bulk device updates in FOTA WEB



# GLOBAL CONNECTIVITY SOLUTION

Global mobile coverage and easy-to-use IoT SIM management platform



## KEY FEATURES

### One supplier – complete solution

Get Teltonika Connectivity Solution that includes a GPS tracker with SIM card, tested and ready to use – all is done for your convenience

### 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

### SIM insert

We offer to insert SIM cards into Teltonika GPS trackers or to solder an eSIM, delivering ready-to-use devices for your next telematics project

### Free & unlimited SMS

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

# SATELLITE CONNECTIVITY

Extended coverage to any part of the world

## KEY FEATURES

### Solution components

The Iridium Connected® Telematics Solution combines Teltonika GPS tracker (FMC125, FMx6xx) and Iridium Edge® modem to communicate with Iridium® satellites and cellular network if satellite network is not required

### Practical & cost-effective

Data is transferred to a server via the Iridium satellite network when other terrestrial networks are unavailable, thus, sending data only when a GPS tracker is unable to connect to a mobile network

### For remote operations

The combined features of the solution create outstanding connectivity for vehicles and teams operating remotely, improving safety and fleet efficiency

### Absolute worldwide coverage

Teltonika trackers provide cellular connectivity, while Iridium Edge® extends tracker functionality to areas without cellular coverage



## FEATURED USE CASE

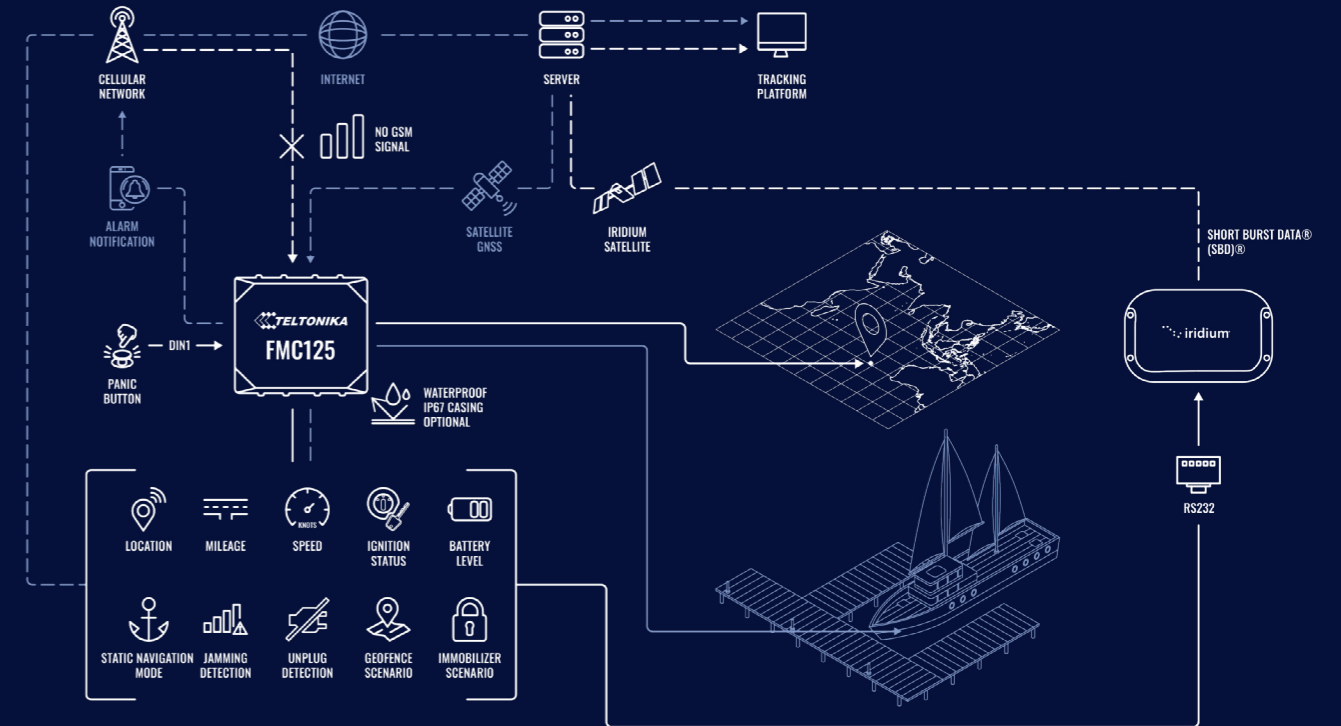


### Theft prevention and remote monitoring for charter yachts

Accurate and reliable tracking of charter yachts even in adverse weather conditions

Iridium network provides truly global coverage, ensuring continuous monitoring

Comprehensive fuel theft prevention and protection of onboard assets



” **Teltonika solution ensures continuous tracking and monitoring of charter yachts worldwide**



# 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.



**OBD-II Y SPLITTER CABLE**

Order code: PPCB00007460



**9-PIN CABLE**

Order code: PPCB00007240



**OBD-II TO 9-PIN ADAPTER**

Order code: PPCB00003850



**OBD-II TO FMS ADAPTER**

Order code: PGCB00007950

## CAN ADAPTERS



**ALL-CAN300**

Order code: ALC3004P4501



**CAN-CONTROL**

Order code: CANCONGH CZ01



**ECAN02**

Order code: ECAN02000001



**LV-CAN200**

Order code: LV-CAN4P1201



**OBD-II & OEM DATA EXTENSION CABLE**

Order code: PPCB00007560

## 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

## READERS & HOLDERS



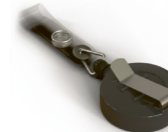
**1-WIRE RFID READER**

Order code: PPEX00000880



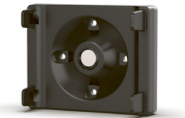
**IBUTTON**

Order code: PPEX00000060



**ID BADGE REEL WITH CLIP**

Order code: PPEX00003540



**MAGNETIC HOLDER**

Order code: PPEX00007620



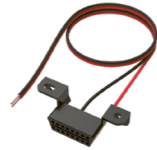
POWER CABLES

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**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



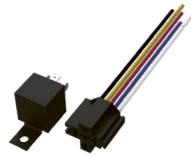
**POWER CABLE WITH CLAMP CONNECTORS**

Order code: PPWS00000680



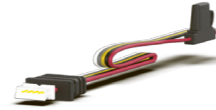
**WALL CHARGER (EU)**

Order code: PPS000003660



**RELAY WITH WIRES FOR IMMOBILIZING**

Order code: PPEX000003260



**FMB9YX 1.5 M POWER CABLE WITH FUSE**

Order code: PPWS00000520

OTHER

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**IP67 CASING**

Order code: PGCA00001810



**IRIDIUM EDGE®**

Order code: PPP0000003180



**TEMPERATURE SENSOR**

Order code: PPCB00000300







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



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