

TELEMATICS

Product Catalog



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Expect surprises throughout the year as we push the boundaries of our portfolio to bring you smarter, more versatile solutions.

DEAR READER,

At Teltonika, we believe that innovation is not just about new technology – it is about exploring new frontiers and harnessing new opportunities in telematics. This year, we are on a mission to go beyond the familiar, venturing into niche markets and redefining what is possible for vehicle-focused IoT solutions.

In this edition, I am pleased to introduce Teltonika FTC305 and FTM305 trackers – high-performance GPS devices built on our advanced FT platform and designed specifically for e-mobility and heavy equipment tracking. But this is only the beginning.

We are not just updating our product range – we are reshaping the way telematics serves industries. Expect surprises throughout the year as we push the boundaries of our portfolio to bring you smarter, more versatile solutions that open doors to new business opportunities.

With a refreshed catalog layout, refined use case examples, and a sharper focus on practical applications, we aim to make it easier for you to see the full potential of these innovations.

Join us on this journey and dive into the latest edition – explore, adapt, and grow with Teltonika in 2025. Let's build the future of telematics together.



MARIUS SLAVINSKAS

Head of Product development
department, Teltonika Telematics



35+

Million manufactured products

26

Countries

26+

Years of experience



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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.

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FAST & EASY

Perfect for:

Basic track & trace

Insurance telematics

Delivery services



FTC881* | 90 V

FT platform battery-mounted 4G trackers
with IP69K-rated casing

New

FTC880** | 30 V

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



Trackers for the insurance telematics industry

All-in-one FT platform device
feature set dedicated for
insurance industry

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

Trackers with a clamp
connector can be swiftly
installed in under 5 minutes

*Currently for testing purposes only

**Planned to be launched in Q2 2025



Water-resistant battery-mounted trackers

4G

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.



Plug & Play trackers for a wide range of use cases

4G

FMC800

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

Plug & Play 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

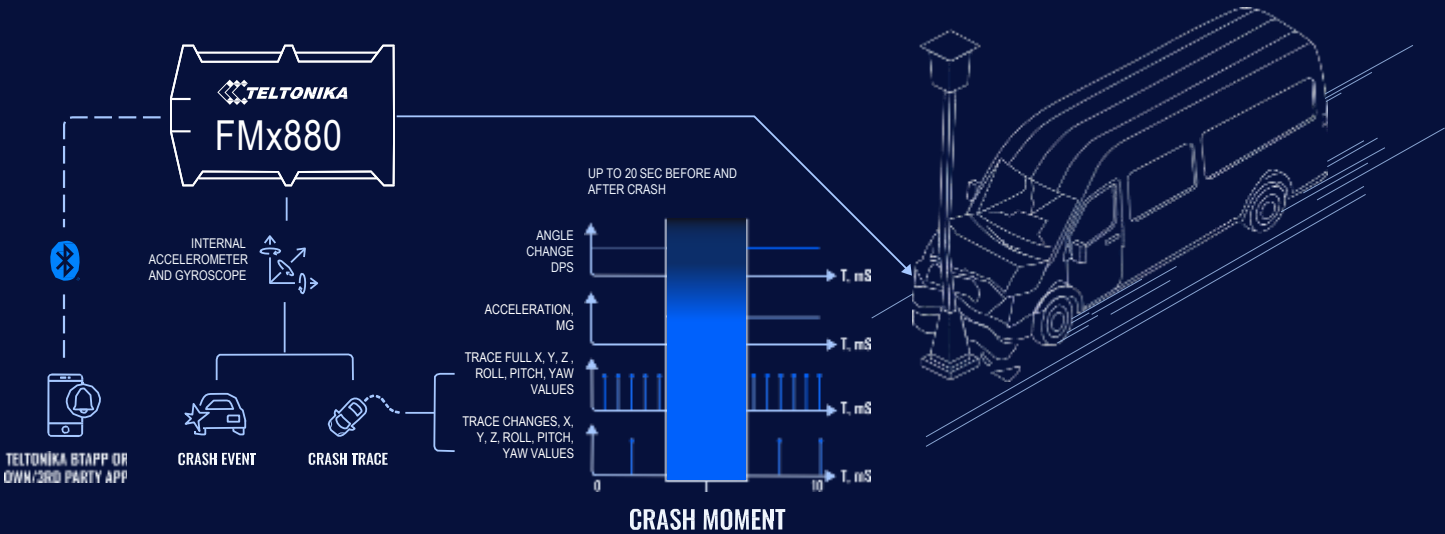


Advanced motion monitoring with gyroscope data

Gyroscope measures angular velocity, allowing to detect rotational movements

Linear acceleration and angular motion show vehicle dynamics during a crash

Gyroscope data helps determine a vehicle's orientation at the moment of impact














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Thanks to the accelerometer and gyroscope features of Teltonika FMC880 and FMM880 trackers, insurers can obtain highly detailed crash event data

FAST & EASY

Device comparison

	FTC881	FTC880	FMC880	FMM880	FMT100	FMC800	FMM800	FMM80A	FMB020	FMB010	FMP100
Features											
Connectivity	4G	M1	4G	M1	2G	4G	M1	M1	2G	2G	2G
Device size (L x W x H)	118 x 48 x 18.5 mm	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	10-30 V DC
Connector type	U-type	U-type	U-type	U-type	U-type	OBD	OBD	OBD	OBD	OBD	Cigarette lighter plug
Ingress protection	IP69K	IP69K	IP65	IP65	IP65	IP41	IP41	IP41	IP41	IP41	IP41
Battery capacity	320 mAh Li-ion 3.7 V	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

90V

FTC920*

30V

FT platform 4G trackers with enhanced GNSS accuracy

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

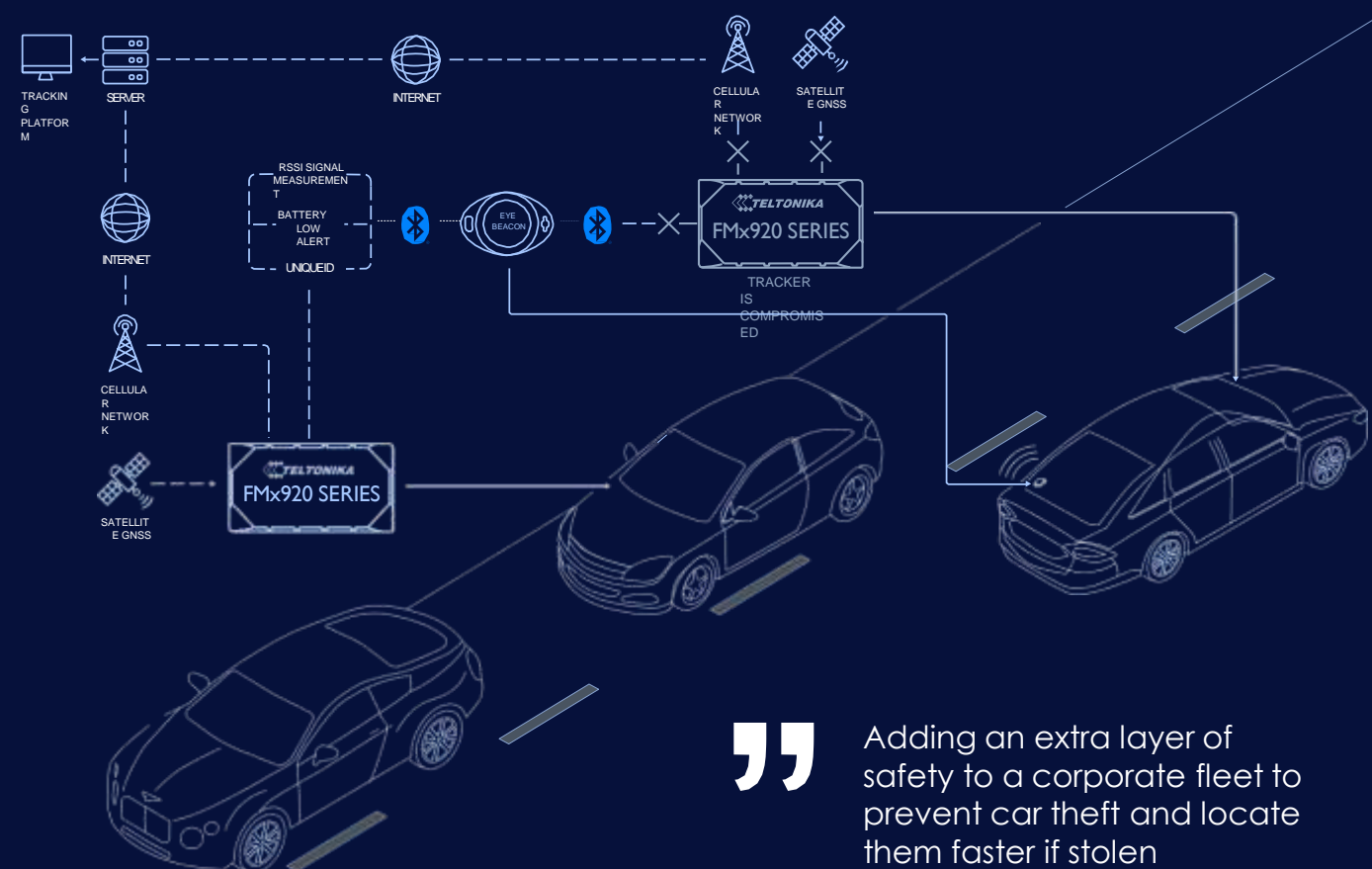


Large fleet security enhanced by EYE Beacons

Keeping fleet security under control
with vehicle theft being a major
global issue

The more vehicles with GPS trackers
in the fleet, the more efficient the
solution

Wireless EYE Beacons are
affordable, ready-to-install, and
easy to replace when needed



FMC920 | 4G

The most popular compact models for basic tracking

FMC920

4G

FMIM920

M

FMB920

2G



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



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



4G

FTC961*

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

*Currently for testing purposes only

BASIC

Device comparison

	FTC961	FTC921	FTC920	FMB930	FMC920	FMM920	FMB920	FMB910	FMB900	FMB965
Features										
Connectivity	4G	4G	4G	2G	4G	M1	2G	2G	2G	2G
Device size (L x W x H)	118 x 48 x 18.5 mm	93 x 43 x 12.5 mm	93 x 43 x 12.5 mm	79 x 43 x 12 mm	79 x 43 x 12 mm	79 x 43 x 12 mm	79 x 43 x 12 mm	79 x 43 x 21 mm	79 x 43 x 12 mm	79 x 43 x 22 mm
Hardware inputs	Digital input	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	Analog input	
	Digital output	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	10-30 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	5-pin
Ingress protection	IP69K	IP41	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	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

Advanced trackers with flexible inputs and CAN adapter support

FMM130 | M1

FMB130 | 2G



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

FEATURED USE CASE

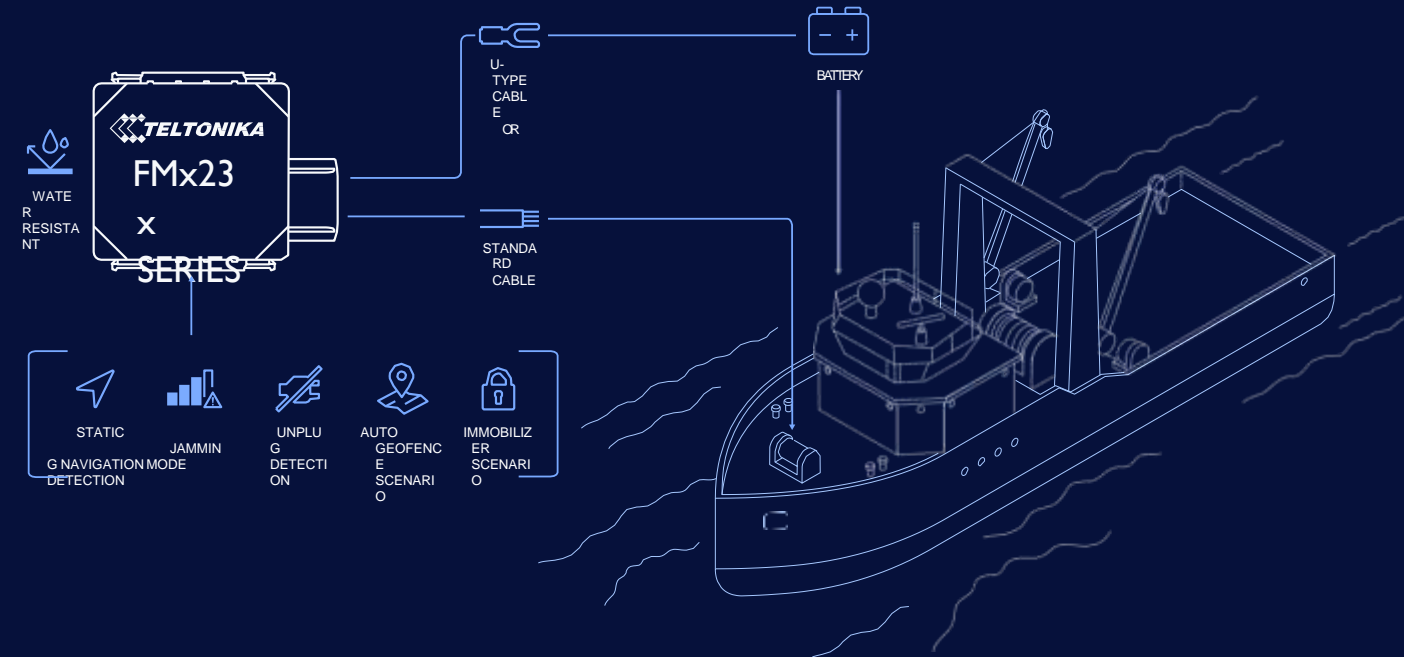


Fishing boats tracking with IP67 rating GPS devices

Reliable tracking in challenging climates including monsoon and humid subtropical regions

Easy-to-use innovative click-type casing requires no additional tools to open and close it

Teltonika trackers help prevent the theft of valuable assets such as motorboats and vessels



Static navigation mode ensures precise location tracking while the boat is drifting








ADVANCED

Device comparison

	FMC234	FMC230	FMM230	FMB230	FMB202	FMB204	FMB209
							
Features							
Connectivity	4G	4G	M1	2G	2G	2G	2G
Device size (L x W x H)	70.5 x 67 x 25.6 mm	70.5 x 67 x 25.6 mm	70.5 x 67 x 25.6 mm	70.5 x 67 x 25.6 mm	72.5 x 73 x 27.3 mm	72.5 x 73 x 27.3 mm	72.5 x 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 1-Wire	Digital output 1-Wire	Digital output 1-Wire	Digital output 1-Wire	Digital output 1-Wire	Digital output 1-Wire	Digital output 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	FMM13A	FMB110	FMB120	FMB122
							
Features							
Connectivity	4G	M1	2G	M1	2G	2G	2G
Device size (L x W x H)	65 x 56.6 x 20.6 mm	65 x 56.6 x 20.6 mm	65 x 56.6 x 20.6 mm	77 x 62 x 20 mm	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	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 1-Wire	Digital output output	Digital output	Digital output	Digital	Digital output 1-Wire	Digital output 1-Wire
Power supply	10-30 V DC	1-Wire	1-Wire 1-Wire	1-Wire		10-30 V DC	10-30 V DC
Connector type	12-pin	10-30 V DC	10-30 V DC 10-30 V DC	10-30 V DC		12-pin	12-pin
Ingress protection	IP41	12-pin	12-pin	12-pin		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 IP41	4.0 + LE IP41	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
GNSS antenna	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			

OBD DATA

Perfect for:

- Fuel management solutions
- Rental & leasing
- Logistics & delivery services



FMC003 | 4G
Trackers with OBD OEM data reading

FMIM003 | M1

FMB003 | 2G



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



Fuel and service optimisation with OBD data reading trackers

Proactive refuelling and maintenance planning help reduce fuel costs and emergency repairs

Optimised fuel usage and route planning bring down emissions and support environmental goals

Well-maintained vehicles make more deliveries, increasing company productivity



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

4G

FM100A

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



Advanced EV battery monitoring with OBD data reading devices






Accurate state of charge data helps optimise charging schedules, improving fleet efficiency

Detailed insight into battery degradation allows monitoring battery health over time

By following battery state of health, fleet managers can perform proactive maintenance

OBD DATA

Device comparison

	FMC003	FM1003	FMB003	FMB001	FM100A
					
Features					
Connectivity	4G	M1	2G	2G	M1
Device size (L x W x H)	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	67.2 x 49.6 x 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

Advanced trackers with integrated CAN data processor

FMM150 | M1

FMB150 | 2G



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



Heavy-duty vehicle timely maintenance with FMx250

Thanks to the IP67-rated casing, FMx250 series devices are dust-proof and water-resistant

By monitoring critical engine parameters, fleet maintenance can be scheduled proactively

Maintaining the correct engine temperature and air intake pressure ensures fleet longevity



CAN data readers for remote control

CAN-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
							
Features							
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	Negative input
	Digital output	Digital output	Digital output	input Digital output		Digital output	Digital output
Connector type	1-Wire 12-pin	1-Wire 12-pin	1-Wire 12-pin	Digital output 1-Wire Wire		1-Wire 1- 12-pin	1-Wire 12-pin
Ingress protection	IP41	IP41	IP41	12-pin	12-pin	12-pin	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- 10673.7 V	170 mAh Li- 10673.7 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

FTC305 | 4G

Brand-new* e-mobility & heavy machinery trackers with a robust IP67-rated casing

FTM305 | M1

KEY FEATURES

CAN data for e-mobility efficiency

Get crucial CAN parameters and create a custom parameter database to enhance the operational efficiency of your e-mobility fleet

Perfect for high-voltage transport and machinery

Solid 10-97 V power supply allows device integration in e-bikes, forklifts, shuttle cars, utility machinery, and other electric equipment

Protection against dust and water

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



*Planned to be launched in Q1 2025

Tailored for native telematics

UNIQUE NO- CASING TFT100



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



E-scooter and e-bike tracking solution with TFT100 for delivery services

Real-time tracking allows responding quickly to the issues that may arise during deliveries

With Teltonika devices, delivery companies can optimise routes for maximum efficiency

Accurate fleet tracking increases accountability and improves customer service

PROFESSIONAL

Perfect for:

International logistics & cold chain

Tachograph solutions

Mining & construction

Agricultural equipment monitoring



FMC650 | 4G

Trackers with advanced FMS data reading for comprehensive heavy fleet management

FMIM650 | M1

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 server costs by approx. 15%



FEATURED USE CASE



FMS eco driving of Teltonika PROFESSIONAL trackers

Encouraging efficient driving and significantly reducing fuel consumption

Lessening data traffic and costs by sending a report only on specified triggers or periods

Extending fleet life, optimising maintenance costs, and minimising downtime



Versatile trackers with RS232, RS485 interfaces

4G

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
							
Features							
Connectivity	4G	M1	4G	2G	4G	M1	2G
Device size (L x W x H)	104.1 x 76.8 x 31.5 mm	104.1 x 76.8 x 31.5 mm	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

Asset trackers with a waterproof IP68-rated casing

TAT141 | M1

TAT100 | 2G



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



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

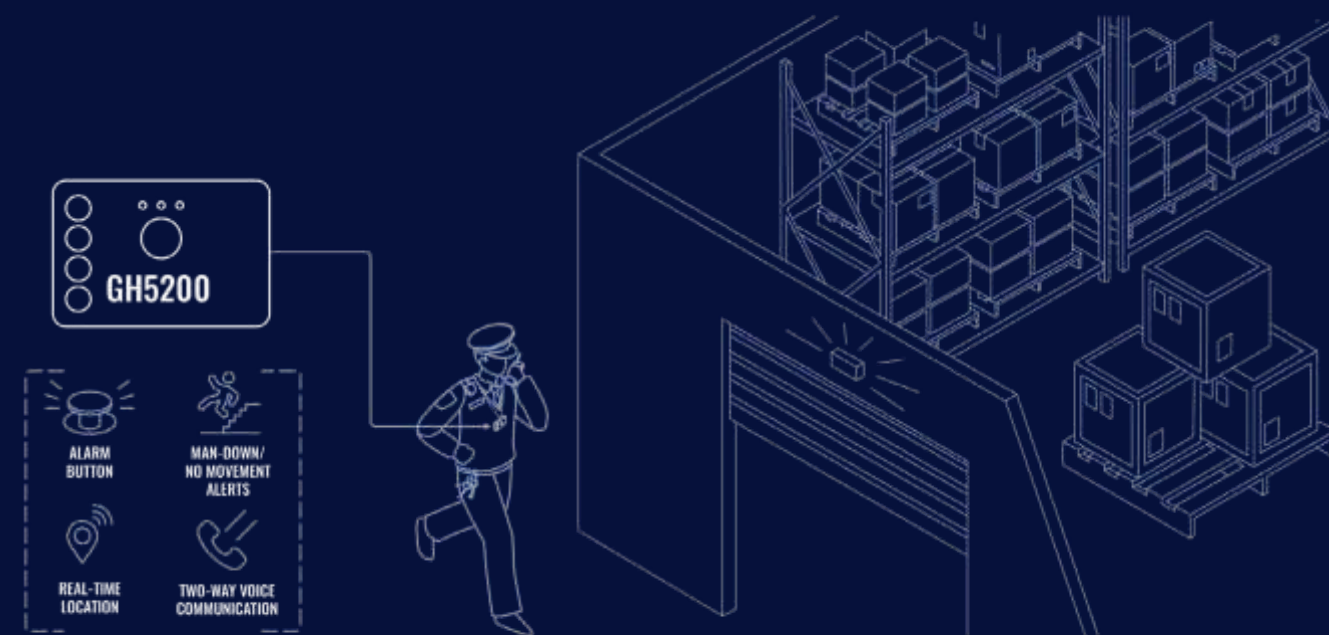


Lone workers monitoring

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



Tamper-proof asset tracker

4G

TAT240

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



Container tracking with asset trackers

Regular updates on container locations for improved security and management

Having the needed containers on time helps prevent project delays and save costs

With tamper detection, users are alerted of Teltonika asset tracker removal events

ASSETS & WORKFORCE

Device comparison

	TAT240	TAT141	TAT140	TAT100	GH5200
					
Features					
Connectivity	4G	M1	4G	2G	2G
Device size (L x W x H)	78 x 63 x 39 mm (with holder) 78 x 63 x 28 mm (without holder)	78 x 63 x 28 mm	78 x 63 x 28 mm	78 x 63 x 28 mm	95 x 64 x 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.

Perfect for:

Road incident reconstruction

Assisted driving

Driver behaviour analysis

Enhanced driver safety



ADAS

Designed to avoid collisions and accidents with visual monitoring functionality



FEATURED USE CASE



Improving drivers' behaviour with ADAS solution

Event detection and in-cabin alerts for real-time driver assistance and collision warning

Video availability allows for more efficient analysis of common driving errors

Accurately identified problems and their solutions enable continuous fleet improvement

KEY FEATURES

Videos & photos by request

Get requested photo or video from ADAS or set periodic 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 to use CAN bus for turn signals, brake and speed sense, etc. This way, a much faster installation is at hand for ADAS solution 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



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 SENSO RS

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



Temperature tracking with Bluetooth® sensors

Certified temperature
measurement ensures
compliance and helps prevent
cargo spoilage

Precise cargo location
monitoring provides full
accountability in the cold chain
logistics

Bluetooth® connectivity is cost-
efficient while offering fast
installation and setup

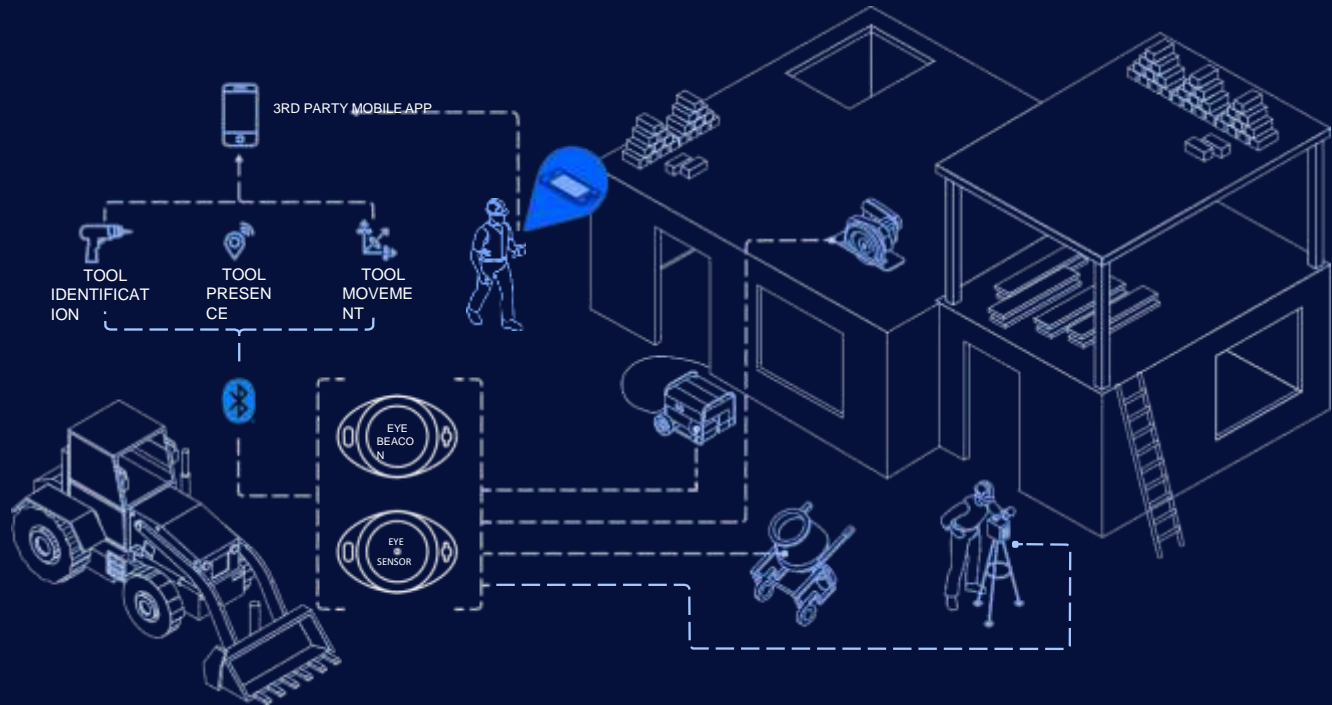


Tool and equipment tracking with EYE devices

Real-time tracking ensures that all necessary tools and equipment are on site and available

Automated tracking reduces the time spent searching for tools and saves workers' time




Optimised tool utilisation leads to smoother operations and fewer disruptions on the job site



Effective tracking minimises unnecessary rentals and purchases by ensuring better use of existing inventory

EYE SENSORS

Device comparison

	EYE BEACON	EYE SENSOR	EYE BEACON ATEX	EYE SENSOR ATEX	EYE SENSOR EN12830
Features					
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



TCT

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

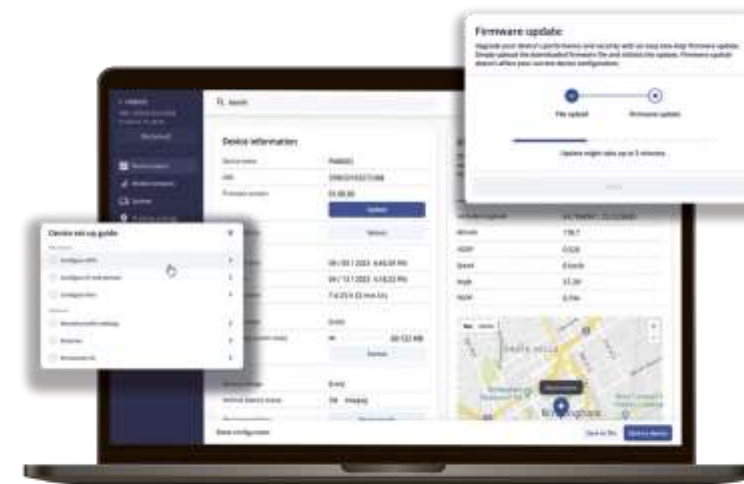
Get notified about software updates and always use the newest TCT version available

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





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



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





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

GLOBAL

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

Connectivity plans to

COVER YOUR NEEDS

Choose a Teltonika connectivity plan tailored for your business

TELTONIKA GLOBAL PLAN		TELTONIKA GLOBAL LITE PLAN*		
Plan duration	5 years	1 year	Coverage	135 countries
Plan allowances	300 MB	100 MB		
	45 countries			



Covered countries by plan

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

ing and monitoring of charter yachts

FEATURED USE CASE

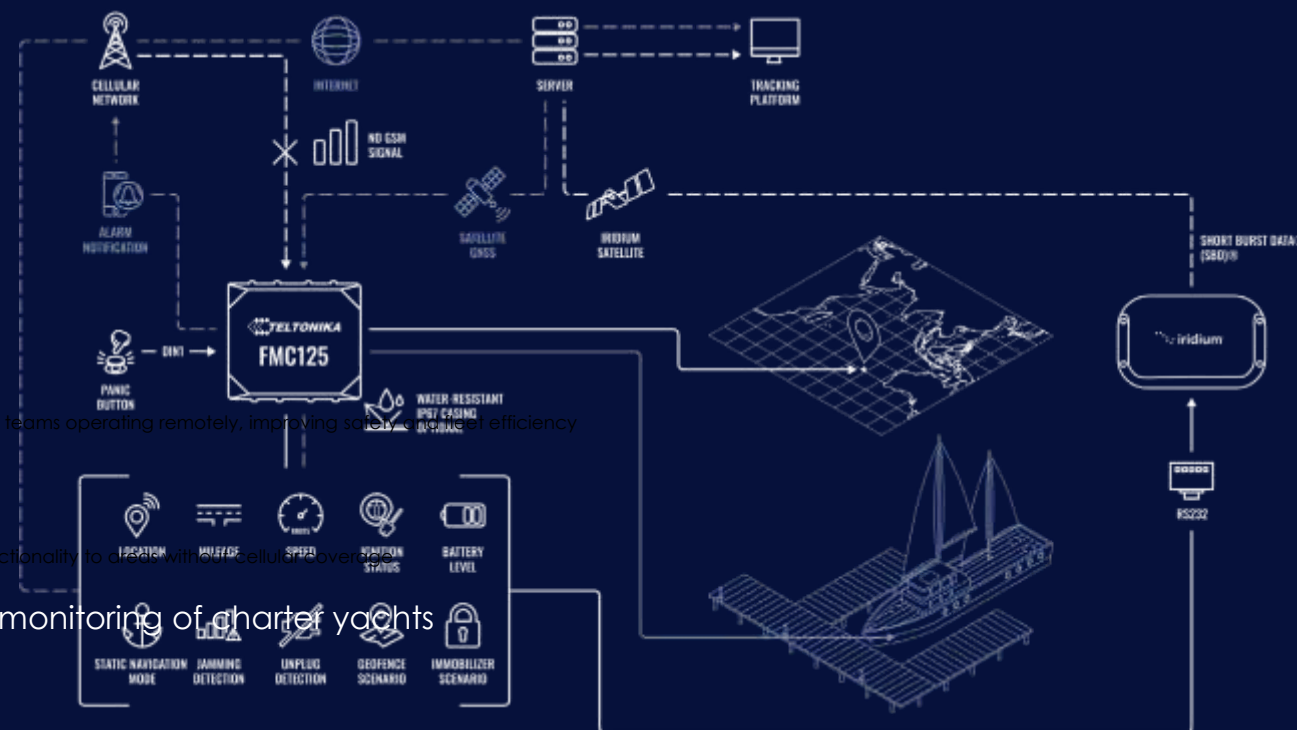


Theft prevention and remote monitoring for charter yachts

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



”



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



CANCONTROL

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



TACHOCABLE

Order code: PPCB00000300



TACHOGRAPH
FRONT PANEL
CABLE

Order code: PPCB00000430



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



OBD-II & OEM
DATA EXTENSION
CABLE

Order code: PPCB00007560

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



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: PPPS00003660



RELAY WITH
WIRES FOR
IMMOBILIZING

Order code: PPEX00003260



FMB9YX 1.5 M
POWER CABLE
WITH FUSE

Order code: PPWS00000520

OTHER



IP67 CASING

PGCA00001810



IRIDIUM EDGE®

PPPO000003180



TEMPERATURE SENSOR

PPCB00000300

ACCESSORY COMPATIBILITY

[illegible]

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

PRODUCT COMPARISON

[illegible]

I - Internal antenna.
E - External antenna.

² FMB125 version with an internal GNSS antenna is available.

⁴ Depending on ordered PCB modification.

⁵ Configurable alarm button.
⁶ Additionally digital LLS is supported.

⁸ FTC305 version with an external cellular antenna is available

¹⁰ FTM305 version with an external cellular antenna will be available on special request.

¹¹ FTC305 version with an external GNSS antenna is available. ¹² FTM305 version with an external GNSS antenna will be available on special request.



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Contact us



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Newsletter

