TELEMATICS

Product Catalog

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.

"

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

ALEKSANDR KRUPOVIČ

Head of Operational marketing department

TELTONIKA

30+
Million manufactured products

26
Countries

26+
Years of experience

CANADA

USA

MEXICO

COLOMBIA

PERU

BRAZIL

CHILE

UNITED KINGDOM

LITHUANIA

POLAND UKRAINE

MOROCCO

ITALY

TURKEY

KAZAKHSTAN

PAKISTAN

UAE

INDIA

HONG KONG

JAPAN

MALAYSIA

KENYA

SINGAPORE

INDONESIA

SOUTH AFRICA

AUSTRALIA

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FAST &
EASY

Perfect for:

Basic track & trace

Insurance telematics

Delivery services

FTC881* | 4G

FT platform battery-mounted tracker with IP69K-rated casing

New

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 FMM880 |M1 FMT100 |2G

Water-resistant battery-mounted trackers

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.

*only FMC880 & FMM880

FMC800 |4G FMM800 |M1 FMB010 |2G

Plug & Play trackers for a wide range of use cases

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

FMP100 device 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

LONG CLICK — — → ALARM FOR EMERGENCY
1 CLICK — — → CHECK TRIP MODE
2 CLICKS — — → CHANGE TRIP MODE

INTEGRATED BUTTON

GNSS SIGNAL INDICATION

INTEGRATED RGB LED

TONE 1
TONE 2

INTEGRATED BUZZER

OVER SPEEDING

EXCESSIVE IDLING

CRASH DETECTION

MANUAL GEOFENCE SCENARIO

TELTONIKA
FMP100

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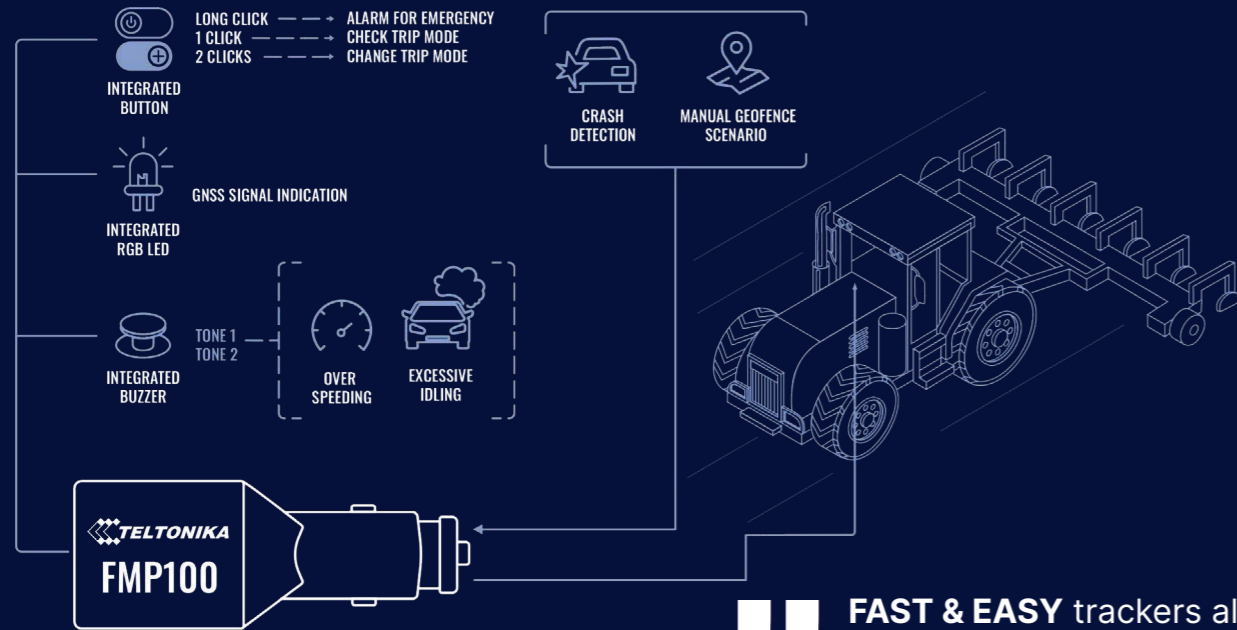
FAST & EASY trackers allow seasonal businesses to monitor their vehicles in real time, ensuring optimal use of resources

FAST & EASY

Device comparison

Features	FTC881	FMC880	FMM880	FMT100	FMC800	FMM800	FMM80A	FMB020	FMB010	FMP100
Connectivity	4G	4G	M1	2G	4G	M1	M1	2G	2G	2G
Device size (L x W x H)	118 × 48 x 18.5 mm	92.5 x 57.6 × 14 mm	92.5 x 57.6 × 14 mm	92.5 x 57.6 × 14 mm	67.2 x 49.6 × 25 mm	67.2 x 49.6 × 25 mm	67.2 x 49.6 × 25 mm	52.6 x 29.1 × 26 mm	67.2 x 49.6 × 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	45 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	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

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

*currently for testing purposes only

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

Features	FTC961	FTC921	FMB930	FMC920	FMM920	FMB920	FMB910	FMB900	FMB965
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 / Analog input / Digital output	Digital input / Analog input / Digital output	Digital input / Digital output	Digital input / Analog input / Digital output	Digital input / Analog input / Digital output	Digital input / Analog input / Digital output	Digital input / Analog input / Digital output	Digital input / Analog input / Digital output	Digital input / 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

Features	FMC234	FMC230	FMM230	FMB230	FMB202	FMB204	FMB209
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 / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Analog input / Digital output / 1-Wire	Digital input / Analog input / Digital output / 1-Wire	Digital input / Analog input / 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

Features	FMC130	FMM130	FMB130	FMC13A	FMM13A	FMB110	FMB120	FMB122
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 / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Impulse input / Analog input / Negative input / Digital output / 1-Wire	Digital input / Analog input / Digital output / 1-Wire	Digital input / Analog input / Digital output / 1-Wire	Digital input / Analog input / Digital output / 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

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

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

Features	FMC003	FMM003	FMB003	FMB001	FMM00A
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

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

Features	FMC150	FMM150	FMB150	FMC250	FMM250	FMB240	FMB140
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
	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire	1-Wire
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

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

FMC650 | 4G

Trackers with advanced FMS data reading
for comprehensive heavy fleet management

FMM650 | M1

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 FMM125 | M1 FMB125 | 2G

Versatile trackers with RS232, RS485 interfaces

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

Features	FMC650	FMM650	FMC225	FMB225	FMC125	FMM125	FMB125
Connectivity	4G	M1	4G	2G	4G	M1	2G
Device size (L x W x H)	104.1 × 76.8 × 31.5 mm	104.1 × 76.8 × 31.5 mm	70.5 × 67 × 25.6 mm 85 × 67 × 25.6 mm (length with connector socket)	70.5 × 67 × 25.6 mm 85 × 67 × 25.6 mm (length with connector socket)	65 × 56.6 × 20.6 mm	65 × 56.6 × 20.6 mm	65 × 56.6 × 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

Features	TAT240	TAT141	TAT140	TAT100	GH5200
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

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

ALARM BUTTON

MAN-DOWN/ NO MOVEMENT ALERTS

REAL-TIME LOCATION

TWO-WAY VOICE COMMUNICATION
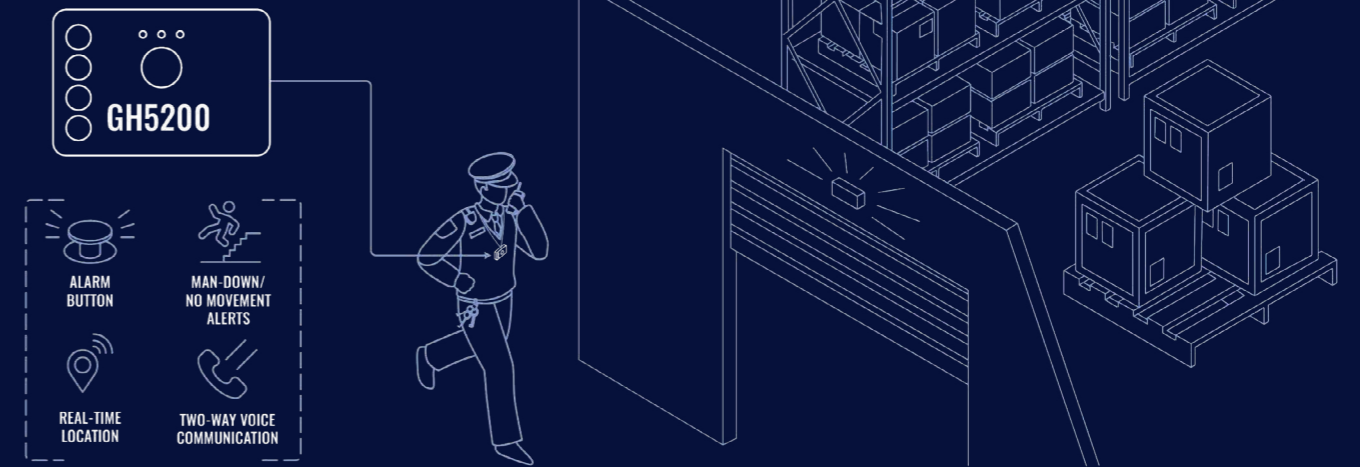
GH5200

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

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

TELTONIKA DASHCAM

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

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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

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

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
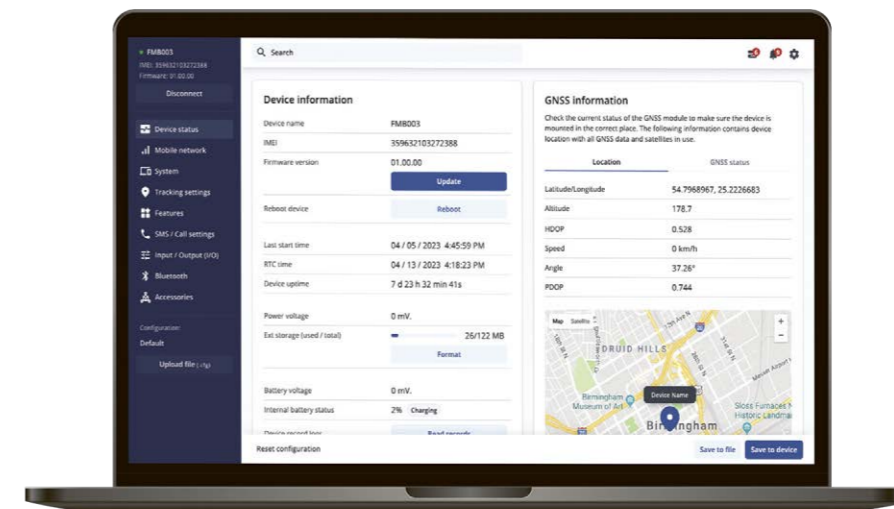
FOTA WEB

Remote Teltonika device management solution

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

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
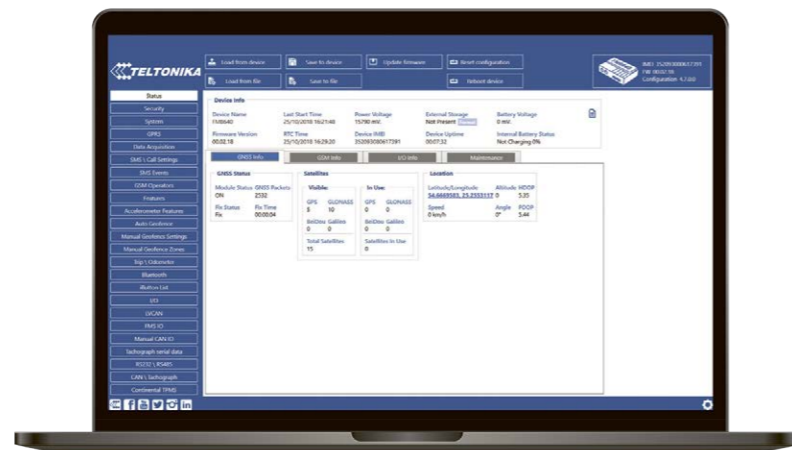
GLOBAL CONNECTIVITY SOLUTION

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

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 conveni

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

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

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
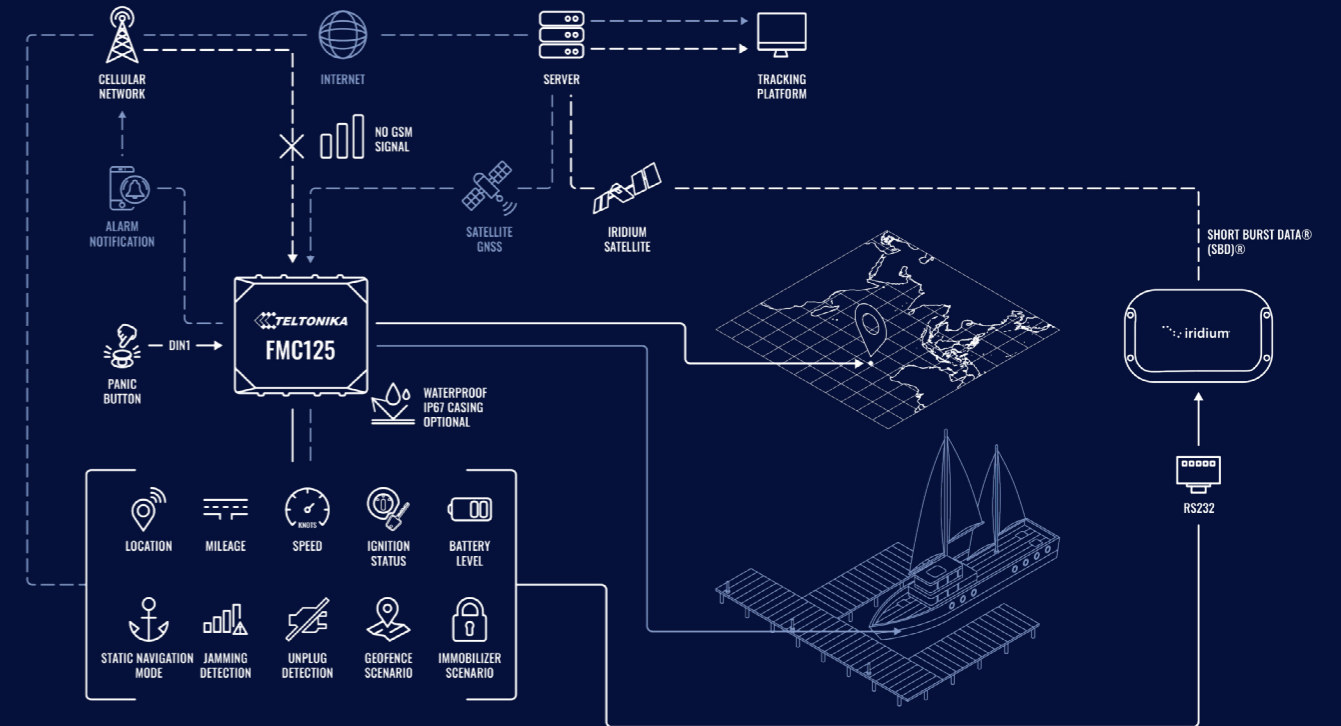
Teltonika solution ensures continuous tracking and monitoring of charter yachts worldwide

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: CANCONGHCZ01

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

12-PIN POWER CABLE FOR CIGARETTE LIGHTER SOCKET

Order code: PPCB00000250
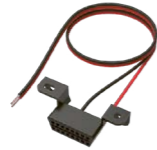
OBD-II POWER CABLE (FEMALE)

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

Order code: PGCA00001810

IRIDIUM EDGE®

Order code: PPP0000003180

TEMPERATURE SENSOR

Order code: PPCB00000300

ACCESSORY COMPATIBILITY

Accessory	FTC881	FMC880	FMM880	FMT100	FMC800	FMM800	FMB010	FMM80A	FMB020	FMP100	FTC921	FTC961	FMC920	FMM920	FMB920	FMB965	FMB930	FMB910	FMB900	FMC130	FMM130	FMB130	FMC234	FMB209	FMC230	FMM230	FMB230	FMC13A	FMM13A	FMB110	FMB120	FMB122	FMB202	FMB204	FMC003	FMM003	FMB003	FMM00A	FMB001	FMC150	FMM150	FMB150	FMC250	FMM250	FMB140	FMB240	TFT100	FMC650	FMM650	FMC125	FMM125	FMB125	FMC225	FMB225	TAT240	TAT141	TAT100	TAT140	GH5200
Sensors & Beacons																																																											
EYE Sensor		•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
EYE Beacon		•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
Video Telematics																																																											
ADAS																																																•		•		•	•	•					
Teltonika DashCam																																																•		•		•	•	•					
Teltonika DSM																																																•											
Teltonika DualCam																																																•		•		•	•	•					
CAN adapters																																																									
ALL-CAN300																				•	•	•	•		•	•	•	•	•	•	•	•	•															•		•	•	•	•	•					
CAN-CONTROL																				•	•	•	•		•	•	•	•	•	•	•	•	•															•		•	•	•	•	•					
ECAN02																				•[1]	•[1]	•[1]	•[1]		•[1]	•[1]	•[1]	•[1]	•[1]	•[1]	•[1]	•[1]							•	•	•	•	•		•	•		•	•	•	•	•	•	•	•[1]	•[1]	•[1]	•[1]	•[1]
LV-CAN200																				•	•	•	•		•	•	•	•	•	•	•	•	•															•		•	•	•	•	•					
Data cables																																																									
Carrier reefer cable																																																•	•										
FMS cable																																																•	•										
OBD-II to 9-pin adapter																																						•																				
OBD-II to FMS adapter																														•	•	•	•		•																							
OBD-II & OEM data extension cable																														•	•	•	•	•																								
OBD-II Y splitter cable					•	•	•	•	•	•																									•	•	•	•	•																				
Tacho cable																																																•	•										
Tachograph front panel cable																																																•	•										
9-pin cable																																																•	•										
Readers & holders																																																									
1-Wire RFID reader																				•	•	•	•		•	•	•	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
iButton																				•	•	•	•		•	•	•	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
ID badge reel with clip																																																											•
Magnetic holder																																																							•	•	•	•	•
Power cables																																																									
12-pin power cable for cigarette lighter socket																				•	•	•						•	•	•	•	•																		•	•	•							
FMB9yx 1.5 m power cable with fuse													•	•	•		•	•	•																																								
OBD-II power cable (female)					•	•	•	•	•	•																				•	•	•	•	•																								
OBD-II connection extension cable					•	•	•	•	•	•																				•	•	•	•	•																								
Power cable with clamp connectors																				•	•	•	•		•	•	•	•	•	•	•	•																											
Wall charger (EU)																																																											•
Relay with wires for immobilizing													•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•						•		•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•	•
Other																																																									
IP67 casing																						•	•	•	•	•							•	•						•		•	•											•	•					
Iridium Edge®																																																		•	•	•	•	•					
Temperature sensor																				•	•	•	•		•	•	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•

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

PRODUCT COMPARISON

Hardware

	FTC881	FMC880	FMM880	FMT100	FMC800	FMM800	FMB010	FMM80A	FMB020	FMP100	FTC921	FTC961	FMC920	FMM920	FMB920	FMB965	FMB930	FMB910	FMB900	FMC130	FMM130	FMB130	FMC234	FMB209	FMC230	FMM230	FMB230
Cellular connectivity	4G	4G	M1	2G	4G	M1	2G	M1	2G	2G	4G	4G	4G	M1	2G	2G	2G	2G	2G	4G	M1	2G	4G	2G	4G	M1	2G
Bluetooth®, Configuration over Bluetooth®	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cellular antenna	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
GNSS antenna	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
OBD-II data		•3	•3	•3	•3	•3	•3	•3	•3	•3			•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3	•3
USB charging																											
RGB LED										•																	
Digital inputs											1	1	1	1	1	1	1	1	1	3	3	3	3	4	3	3	3
Negative inputs																				1	1	1		1	1	1	
Impulse inputs													1	1	1			1	1	2	2	2		2	2	2	2
Analog inputs												1	1	1	1	1			1	2	2	2	2	2	2	2	2
Digital outputs											1	1	1	1	1	2	2	1	1	3	3	3	3	2	3	3	3
1-Wire interface														•	•	•	•			•	•	•			•	•	•
RS232																							•				
RS485																											
UART																											
CAN adapter support																				•	•	•	•	•			
CAN interface																											
Alarm button										•																	
Internal battery energy (Wh)	1.18	0.63	0.63	0.63	0.63	0.63	0.63	0.43	0.167	0.63	0.63	1.18	0.63	0.63	0.63	4.68	0.63	0.63		0.63	0.63	0.63	3.70	2.96	0.63	0.63	0.63
IP rating	IP69K[6]	IP65	IP65	IP65	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP69K	IP54	IP54	IP54	IP67	IP54	IP54	IP54	IP41	IP41	IP41	IP67	IP41	IP67	IP67	IP67
Power supply range	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-90 V	10-90 V	10-30 V	10-30 V	6-30 V	10-30 V	10-90 V	6-30 V	6-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V
SIM card		•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
eSIM option[7]		•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2-way voice calls																											

Software

	FTC881	FMC880	FMM880	FMT100	FMC800	FMM800	FMB010	FMM80A	FMB020	FMP100	FTC921	FTC961	FMC920	FMM920	FMB920	FMB965	FMB930	FMB910	FMB900	FMC130	FMM130	FMB130	FMC234	FMB209	FMC230	FMM230	FMB230
Real fuel/Odometer																											
1-Wire interface RFID functionality														•	•	•	•	•	•	•	•	•			•	•	•
Eco driving/Green driving	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fuel monitoring (CAN adapters, FMS)																				•	•	•	•	•			
DDD download and Tacho online data																											
Crash, Towing, Jamming, Overspeeding, Excessive idling detection, Geofence	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	FMC13A	FMM13A	FMB110	FMB120	FMB122	FMB202	FMB204	FMC003	FMM003	FMB003	FMM00A	FMB001	FMC150	FMM150	FMB150	FMC250	FMM250	FMB140	FMB240	TFT100	FMC650	FMM650	FMC125	FMM125	FMB125	FMC225	FMB225	TAT240	TAT141	TAT100	TAT140	GH5200
Cellular connectivity	4G	M1	2G	2G	2G	2G	2G	4G	M1	2G	M1	2G	4G	M1	2G	4G	M1	2G	2G	2G	4G	M1	4G	M1	2G	4G	2G	4G	M1	2G	4G	2G
Bluetooth®, Configuration over Bluetooth®	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•[1]	•[1]	•	•	•	•	•	•[1]	•[1]	•[1]	•[1]	•
Cellular antenna	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	E	E	I	I	I	I	I	I	I	I	I	I
GNSS antenna	I	I	I	I	E	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	E	E	I	I	E[2]	I	I	I	I	I	I	I
OBD-II data	•3	•3	•3	•3	•3	•3	•3	•	•	•	•	•	•3	•3	•3	•3	•3	•3	•3		•3	•3	•3	•3	•3	•3	•3					
USB charging																																•
RGB LED																																
Digital inputs	3	3	3	3	3	3	3						3	3	3	3	3	3	4	4	4	1	2	1	1	1						
Negative inputs	1	1											1	1	1	1	1	1	1													
Impulse inputs	2	2				2							2	2	2	2	2	2		8	8	1		1								
Analog inputs	2	2	2	2	2	1	1						2	2	2	2	2	2	2	4	4	1	1	1	1	1						
Digital outputs	3	3	2	2	2	2	2						2	2	2	2	2	2	2	4	4	1	1	1	1	1						
1-Wire interface	•	•	•	•	•	•	•						•	•	•	•	•	•	•		•	•	•	•	•	•	•					
RS232								•4	•	•	•	•									•	•	•	•	•	•	•					
RS485								•4	•	•	•	•									•	•	•	•	•	•	•					
UART								•4																								
CAN adapter support	•	•	•	•	•																•	•	•	•	•	•	•					
CAN interface													•	•	•	•	•	•	•				•4									
Alarm button																																•5
Internal battery energy (Wh)	0.63	0.63		0.63	0.63	2.88	6.66	0.63	0.63	0.167	0.43	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	6.66	4.62	4.62	0.63	0.63	0.63	0.63	0.63	15.84	15.84	15.84	15.84	3.885
IP rating	IP41	IP41	IP41	IP41	IP41	IP67	IP67	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP41	IP67	IP67	IP41	IP67	IP67	IP41	IP41	IP41	IP41	IP41	IP67	IP67	IP68	IP68	IP68	IP68	IP30
Power supply range	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	6-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-97 V	8-32 V	8-32 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V	10-30 V					
SIM card	•	•	•	•	Dual	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Dual	Dual	Dual	Dual	Dual
eSIM option[7]	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Dual	Dual	•	•	•
2-way voice calls																																•

Software

	FMC13A	FMM13A	FMB110	FMB120	FMB122	FMB202	FMB204	FMC003	FMM003	FMB003	FMM00A	FMB001	FMC150	FMM150	FMB150	FMC250	FMM250	FMB140	FMB240	TFT100	FMC650	FMM650	FMC125	FMM125	FMB125	FMC225	FMB225	TAT240	TAT141	TAT100	TAT140	GH5200
Real fuel/Odometer								•	•	•	•	•																				
1-Wire interface RFID functionality	•	•	•	•	•	•	•						•	•	•	•	•	•	•		•	•	•	•	•	•	•					
Eco driving/Green driving	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	
Fuel monitoring (CAN adapters, FMS)	•	•	•	•	•								•	•	•	•	•	•	•		•6	•6	•6	•6	•	•6	•6					
DDD download and Tacho online data																					•	•										
Crash, Towing, Jamming, Overspeeding, Excessive idling detection, Geofence	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	
Recovery mode																					•	•										
Scheduler																					•	•										
Permanent link																					•											
Manual CAN, J1939 (reading, requesting, sending, debugging)																					•	•										
Timestamp backup																					•											
Man-Down, Movement/No Movement event																																•
Amber alert																																•
BLE Home Zone																																•

I - Internal antenna.
E - External antenna.

[1] Not configurable via Bluetooth®.
[2] FMB125 version with an internal GNSS antenna is available.
[3] Supported via Bluetooth® OBD-II dongle.
[4] Depending on ordered PCB modification.
[5] Configurable alarm button.
[6] Additionally digital LLS is supported.
[7] on special request

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