

# PRODUCT CATEGORIES

Being a fast and flexible business partner, we provide an ever-growing range of vehicle GPS trackers, accessories, and solutions. To make it easy for you to navigate among Teltonika Telematics products, we offer them in ten distinctive categories. Each of them represents a set of devices designed to meet your fleet management needs in the most efficient way, ranging from an effortless installation to the most demanding and innovative applications.

## FAST & EASY, 3

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

## BASIC 4

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

## ADVANCED 7, 20

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

## OBD DATA 8

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

## CAN DATA 9, 10, 11, 12

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

# DEVICES CERTIFIED BY CST



## PROFESSIONAL 5, 6, 14, 15

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

## ASSETS & WORKFORCE 13

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

## VIDEO TELEMATICS 16, 17

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

## EYE SENSORS 18, 19

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

## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### EFFORTLESS PLUG & PLAY INSTALLATION

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

### ACCURATE AND DETAILED CRASH TRACE DATA

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

### CONNECTOR



# FMC800 | 4G

PLUG & PLAY TRACKER WITH 4G LTE CAT 1 CONNECTIVITY





# FMC920 | 4G

THE MOST POPULAR COMPACT MODEL FOR BASIC TRACKING



## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### SLIM DESIGN TO FIT THE TIGHTEST SPACES

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

### ECO DRIVING SCENARIO

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

## PINOUT

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

## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### FUEL MONITORING AND MORE

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

### SIGNIFICANTLY LOWER ROAMING COSTS

Dual SIM considerably reduces roaming costs

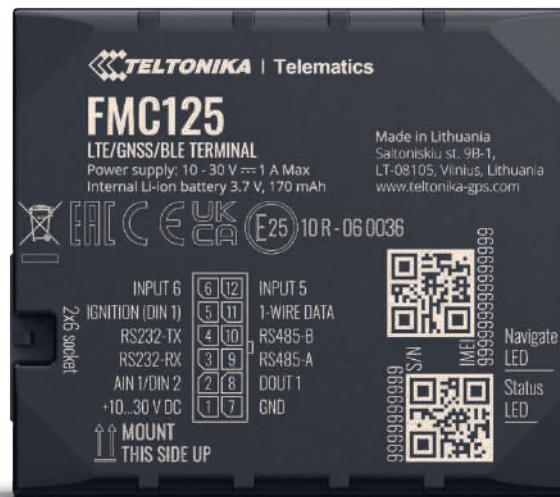
## PINOUT

INPUT 6		INPUT 5	
GNITION (DIN 1)		1-WIRE DATA	
RS232-TX		RS232-TX	
RS232-RX		RS232-RX	
AIN 1/DIN 2		AIN 1/DIN 2	
+10...30 V DC		DOUT 1	
		GND	



# FMC125 | 4G

ADVANCED 4G LTE CAT 1 TRACKER WITH RS232, RS485 INTERFACES





# FMC225 | 4G

WATERPROOF 4G LTE CAT 1 TRACKER WITH RS485, RS232 INTERFACES



## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### PROTECTION AGAINST DUST AND WATER

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

### SIGNIFICANTLY LOWER ROAMING COSTS

Dual SIM considerably reduces roaming costs

## PINOUT

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

## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### NO ADDITIONAL TOOLS NEEDED

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

### DIFFERENT CABLE OPTIONS

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

### PINOUT

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



# FMC230 | 4G

WATERPROOF 4G LTE CAT 1 TRACKER WITH FLEXIBLE INPUTS





# FMC003 | 4G

4G LTE CAT 1 TRACKER WITH OBD OEM DATA  
READING



## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

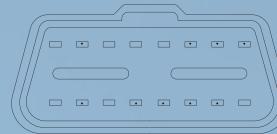
### READING OBD OEM PARAMETERS

Get real odometer & real fuel level data

### KNOW THE SUPPORTED VEHICLES AND DATA

Supported vehicle list with all available manufacturer models and parameters

## CONNECTOR





# FMC150 | 4G

ADVANCED GPS TRACKER WITH INTEGRATED CAN DATA PROCESSOR

## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### CAN DATA READING FROM EVs

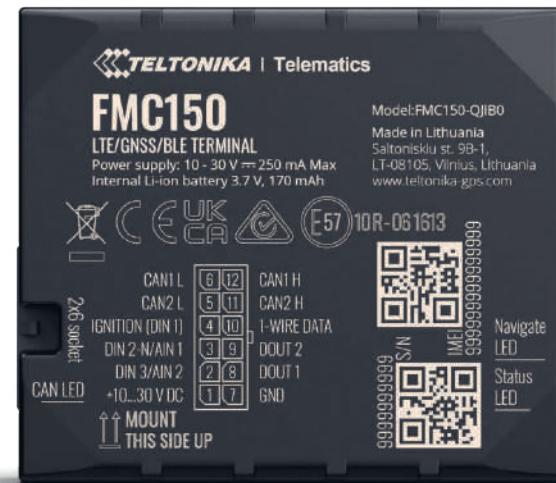
Bringing new value and expanding usage scenarios with more than 40 supported vehicles in the EV market

### KNOW THE SUPPORTED VEHICLES AND DATA

Supported vehicle list with all available manufacturer models and parameters

### PINOUT

CAN1 L	[6]	CAN1 H
CAN2 L	[5]	CAN2 H
GNITION (DIN 1)	[4]	1-WIRE DATA
DIN 2-N/AIN 1	[3]	DOUT 2
DIN 3/AIN 2	[2]	DOUT 1
+10...30 V DC	[1]	GND





## CAN DATA ADAPTERS

LIGHT, HEAVY-DUTY, AND SPECIAL  
TRANSPORT CAN DATA READERS



LV-CAN200



LV-CAN200+DTC



ALL-CAN300

### LV-CAN200

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

### LV-CAN200+DTC

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

### ALL-CAN300

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

### PINOUT

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



## CAN CONTROL ADAPTERS

CAN DATA READERS FOR REMOTE CONTROL

### CAN-CONTROL

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

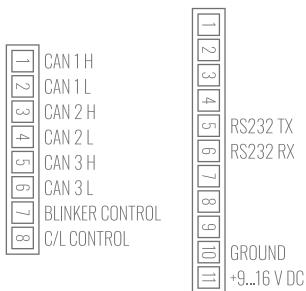
### CAN-CONTROL+DTC

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

### CAN-CONTROL+IMMO

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

### PINOUT





# ECANO2

NEW GENERATION WARRANTY-FRIENDLY CAN ADAPTER FOR  
CONTACTLESS ACCESS TO CAN BUS DATA



## KEY FEATURES

### CONTACTLESS CAN READING

Now the device reads up to 100% of available CAN data in 1000 kb/s

### LED INDICATORS

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

### WARRANTY-FRIENDLY

New, stronger, and more robust casing, which improves the longevity of the device

## PINOUT

- CAN L
- CAN H
- +10...30 V DC
- GND

## KEY FEATURES

### EFFICIENT CAR THEFT PREVENTION

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

### PERIODIC/SCHEDULED REPORTS

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

### KNOW EVERY MOVE

Receive records when the device starts moving and/or stops moving for the increased security and more efficient management of your assets

### UP TO 3 YEARS BATTERY LIFE TIME

Sending records once a day with 4G LTE Cat 1 connectivity, offline modes and battery saving scenarios for various asset tracking



# TAT140

4G

ADVANCED GPS TRACKER WITH INTEGRATED CAN DATA PROCESSOR





# FMC640 | 4G

4G LTE CAT 1 TRACKER FOR PROFESSIONAL APPLICATIONS



## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### 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

### CONNECTING EXTERNAL DEVICES

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

### PINOUT

AIN 3	[10]	[20]	K-Line
DOUT 2	[9]	[19]	DOUT 1
DOUT 3	[8]	[18]	DOUT 4/AIN 4
AIN 2	[7]	[17]	AIN 1
CAN2 LOW	[6]	[16]	CAN2 HIGH
DIN 2	[5]	[15]	DIN 1
DIN 4	[4]	[14]	DIN 3
1-WIRE POWER	[3]	[13]	1-WIRE DATA
CAN1 LOW	[2]	[12]	CAN1 HIGH
GND	[1]	[11]	+10...30 V DC

## KEY FEATURES

### RELIABLE GLOBAL COVERAGE

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

### CAN DATA READING

Read J1939 data that includes standard CAN FMS from heavy vehicles like trucks and raw J1939 data from special machinery

### CONNECTING EXTERNAL DEVICES

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

### PINOUT

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



# FMC650 | 4G

4G LTE CAT 1 TRACKER FOR ADVANCED APPLICATIONS WITH HIGH CAPACITY BACKUP BATTERY AND EXTERNAL ANTENNAS





# ADAS

DESIGNED TO AVOID COLLISIONS AND ACCIDENTS WITH  
VISUAL MONITORING FUNCTIONALITY



## KEY FEATURES

### VIDEO & PHOTO BY REQUEST

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

### CONTACTLESS CAN BUS CONNECTIVITY

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

### PERIODIC PHOTO SENDING

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

### VIDEO RECORDING

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

## KEY FEATURES

### TWO CAMERAS IN ONE HOUSING

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

### VALUABLE VISUAL DATA

Perfect for capturing both videos and photos before and after events

### DATA WHEN YOU NEED IT

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

### FAST VIDEO FILE DELIVERY

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



## TELTONIKA DUALCAM

IN-CABIN AND ROAD VIDEO MONITORING SOLUTION





# EYE SENSOR

BLUETOOTH LE SENSOR FOR VARIOUS APPLICATION SCENARIOS



## KEY FEATURES

### SENSORS

Accelerometer, temperature, humidity, and magnetometer for numerous scenarios

### WATERPROOF CASING

Robust IP67-rated casing for enhanced device longevity

### LONG LIFETIME

5+ years battery lifetime to reduce financial and environmental cost

### DATA PROTOCOLS

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

### EYE APP

Intuitive Teltonika mobile app for prompt configuration and data scanning

## KEY FEATURES

### LONG LIFETIME

10+ years battery lifetime  
to reduce financial and  
environmental cost

### WATERPROOF CASING

Robust IP67-rated casing for  
enhanced device longevity

### DATA PROTOCOLS

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

### EYE APP

Intuitive Teltonika mobile app for  
prompt configuration and data  
scanning



# EYE BEACON

BLUETOOTH LE ID BEACON WITH LONG LIFETIME BATTERY





# FMC130 | 4G

ADVANCED 4G LTE CAT 1 TRACKER WITH FLEXIBLE INPUTS



## KEY FEATURES

### FUTURE-PROOF NETWORK SUPPORT

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

### EXTENSIVE REMOTE MONITORING POSSIBILITIES

Blocking engine remotely among the numerous available fleet control measures

### ACCURATE FUEL USAGE CONTROL

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

## PINOUT

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

## ACCESSORIES COMPATIBILITY

	FMC800	FMC920	FMC230	FMC003	FMC150	FMC650	FMC640	FMC225	FMC125	TAT140	FMC130
<b>SENSORS &amp; BEACONS</b>											
EYE Sensor	•	•	•	•	•	•	•	•	•	•	•
EYE Beacon	•	•	•	•	•	•	•	•	• <sup>2</sup>	•	
<b>VIDEO TELEMATICS</b>											
ADAS							•	•	•		
Teltonika DualCam								•	•		
<b>CAN ADAPTERS</b>											
ALL-CAN300			•		•	•	•	•	•		•
CAN-CONTROL		•			•	•	•	•	•		•
ECAN02			• <sup>1</sup>		•	•	•	• <sup>1</sup>	• <sup>1</sup>		• <sup>1</sup>
LV-CAN200		•			•	•	•	•	•		•
<b>DATA CABLES</b>											
Carrier reefer cable						•	•				
FMS cable						•	•				
TACHO cable						•	•				
Tachograph front panel cable						•	•				
<b>READERS &amp; HOLDERS</b>											
1-WIRE RFID READER			•		•	•	•	•	•		•
iButton		•			•	•	•	•	•		•
ID badge reel with clip											
TMT250 holder											
<b>POWER CABLES</b>											
12-pin power cable for cigarette lighter socket				•					•		•
FMB9YX 1.5 m power cable with fuse		•			•						
Multi charging docking station											
OBD II power cable (female)	•			•							
OBD II connection extension cable	•			•							
Power cable with clamp connectors			•		•			•	•		•
TMT250 magnetic usb cable											
Wall charger (EU)											
<b>OTHER</b>											
IP67 casing				•				•			
IRIDIUM EDGE®						•	•		•		
Temperature sensor		•		•	•	•	•	•	•		•

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

<sup>2</sup> For Lost BLE Beacon feature only.

# NOTES

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