



FM

Features

Comparison

Device name	Hardware features																	
	Power supply	Memory	Available records storage	GSM antenna	GPS/GNSS antenna	GSM module	IP rating	1-wire	DIN	DOUT	AIN	RS232	RS485	CAN (J1939)	CAN (J1708)	Blue-tooth	OBD II Data	Internal back-up battery
FMB001	10 - 30 V	128 MB	422,400	Internal	Internal	2G	IP41	-	1	-	-	-	-	-	-	●	●	0.63 Wh Li-Po
FMB010	10 - 30 V	128 MB	422,400	Internal	Internal	2G	IP41	-	1	-	-	-	-	-	-	●	-	0.63 Wh Li-Po
FM3001	10 - 30 V	128 MB	422,400	Internal	Internal	3G	IP41	-	-	-	-	-	-	●	-	●	●	0.63 Wh Li-Po
FMT100	10 - 30V	128 MB	422,400	Internal	Internal	2G	IP65	-	-	-	-	-	-	-	-	●	● *2	0.63 Wh Li-Po
FMB900	6 - 30V	128 MB	422,400	Internal	Internal	2G	IP54	-	1	1	1	-	-	-	-	●	● *2	-
FMB920	6 - 30V	128 MB	422,400	Internal	Internal	2G	IP54	-	1	1	1	-	-	-	-	●	● *2	0.63 Wh Li-Po
FMB962	6 - 30V	128 MB	422,400	Internal	Internal	2G	IP54	-	1	1	1	-	-	-	-	●	● *2	2.88 Wh Ni-MH
FMB964	6 - 30V	128 MB	422,400	Internal	Internal	2G	IP54	-	1	1	1	-	-	-	-	●	● *2	6.66 Wh Li-Po
FMB110	10 - 30 V	128 MB	422,400	Internal	Internal	2G	IP41	●	3	2	2	-	-	-	-	●	● *2	-
FMB120	10 - 30 V	128 MB	422,400	Internal	Internal	2G	IP41	●	3	2	2	-	-	-	-	●	● *2	0.63 Wh Li-Po
FMB122	10 - 30V	128 MB	422,400	Internal	External	2G	IP41	●	3	2	2	-	-	-	-	●	● *2	0.63 Wh Li-Po
FMB125	10 - 30V	128 MB	422,400	Internal	External	2G	IP41	●	1	1	1	1	1	-	-	●	● *2	0.63 Wh Li-Po
FMB202	6 - 30V	128 MB	422,400	Internal	Internal	2G	IP67	●	3	2	1	-	-	-	-	●	● *2	2.88 Wh Ni-MH
FMB204	6 - 30V	128 MB	422,400	Internal	Internal	2G	IP67	●	3	2	1	-	-	-	-	●	● *2	6.66 Wh Li-Po
FM3612	10 - 30 V	1 MB	3,300	Internal	Internal	3G	IP41	●	4	2	2	-	-	-	-	-	-	0.63 Wh Li-Po
FM36M1	10 - 30 V	1 MB	3,300	Internal	Internal	LTE	IP41	●	4	2	2	-	-	-	-	-	-	0.63 Wh Li-Po
FM6300	10 - 30 V	1 MB	3.000*3	External	External	3G	IP41	●	4	4	3	2	1	● *1	●	-	-	4.62 Wh Ni-Mh
FMB630	10 - 30V	1 MB	3.000*3	External	External	2G	IP41	●	4	4	3	2	1	● *1	●	●	-	4.62 Wh Ni-Mh
FMB640	10 - 30V	1 MB	3.000*3	External	External	2G	IP41	●	4	4	4*4	2	1	● *1	●	●	-	4.62 Wh Ni-Mh
TMT250	5V USB	128 MB	422,400	Internal	Internal	2G	IP67	-	-	-	-	-	-	-	-	●	-	3.04 Wh Li-Po

*1 – Dual CAN J1939

*2 – Using OBD dongle

*3 – With 1 MB internal memory; Using 32 GB micro SD card this number can be expanded up to 130.000.000 records

*4 – DOUT4 can be changed to work as AIN4.

Software/Firmware features, special scenarios

Device name	Software/Firmware features, special scenarios														
	Geofencing zones	Sleep/Deep sleep modes	Overspeed detection	FOTA WEB Firmware update	FOTA WEB Configuration update	Configuration over Bluetooth	Remote LOG download	GPRS commands	Immobilizer	Jamming detection	LV-CAN200	ALL-CAN300	RFID 1-wire (Demiurg; Drexia)	RFID RS232 (HID, Mifare MF7)	GARMIN™
FMB001	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMB010	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FM3001	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMT100	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMB900	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMB920	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMB962	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMB964	50	●	●	●	●	●	●	●	-	●	-	-	-	-	-
FMB110	50	●	●	●	●	●	●	●	●	●	●	●	●	-	-
FMB120	50	●	●	●	●	●	●	●	●	●	●	●	●	-	-
FMB122	50	●	●	●	●	●	●	●	●	●	●	●	●	-	-
FMB125	50	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FMB202	50	●	●	●	●	●	●	●	●	●	-	-	●	-	-
FMB204	50	●	●	●	●	●	●	●	●	●	-	-	●	-	-
FM3612	5	●	●	●	●	-	●	●	●	●	●	●	●	-	-
FM36M1	5	●	●	●	●	-	●	●	●	●	●	●	●	-	-
FM6300	20	●	●	-	-	-	●	●	●	●	●	●	●	●	●
FMB630	20	●	●	-	-	-	●	●	●	●	●	●	●	●	●
FMB640	50	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TMT250	50	●	●	●	●	●	●	●	-	-	-	-	-	-	-

Device name	Fuel monitoring	Description
FMB001 FMB010	OBD II	Teltonika FMB001 and FMB010 is EASY OBDII Plug and Play tracker with GNSS, GSM and Bluetooth connectivity. FMB001 and FMB010 are perfectly suitable for light vehicle tracking in applications like courier delivery service, car rental & leasing, insurance telematics and many other where simple integration is a must. FMB001 has additional feature – reading OBDII data from vehicles on-board computer. Both devices support hands-free, firmware and configuration update via Bluetooth.
FM3001	OBD II	Teltonika FM3001 is EASY OBDII Plug and Play tracker with GNSS, 3G and Bluetooth connectivity. It is perfectly suitable for light vehicle tracking in applications like courier delivery service, car rental & leasing, insurance telematics and many other where simple integration is a must. Device has additional feature – reading regular OBDII data from on-board computer. Also, FM3001 can be used as Electronic Logging Device (ELD) in North America, because there is possibility to retrieve necessary parameters from SAE J1939 standard and transmit them periodically over Bluetooth. FM3001 supports temperature/ humidity sensors, firmware and configuration update via Bluetooth. 3G feature makes this device usable worldwide
FMT100	-	Teltonika FMT100 small, smart and waterproof GNSS SPECIAL tracker with Bluetooth connectivity and internal backup battery. Biggest in its class internal High Gain GNSS antenna allows mounting directly on car battery under the hood. FMT100 is equipped with special clamp connector for fast power cable connection to the car battery. Solid waterproof case and built-in accelerometer & gyroscope sensors with extremely accurate crash trace functionality makes this device perfectly suitable for insurance market solutions.
FMB900 FMB920	1 x Analog sensors; LLS	Teltonika FMB920 is compact and smart tracker with Bluetooth connectivity, internal High Gain GNSS and GSM antennas and integrated backup battery. FMB920 is designed for light vehicles tracking in applications like insurance telematics, rental cars, recovery of stolen cars, public safety services, delivery transport, taxi and much more. Inputs/outputs extend device usage scenarios. Digital input can be used for ignition, door or alarm button status monitoring. Vehicle remote immobilizing may be achieved using FMB920 digital output. The FMB900 is identical but does not have an internal backup battery.
FMB962 FMB964	1 x Analog sensors; LLS	Teltonika FMB964 is SPECIAL and smart tracker with Bluetooth connectivity, internal high gain GNSS and GSM antennas and integrated high capacity backup battery. Device is designed to work longer without power supply. FMB964 with Li-ion battery can work up to 10 days in power saving mode. FMB964 is perfectly suitable for insurance telematics, delivery, trailers tracking, security & emergency services applications. Supported wide range of power supply (6-30V) makes FMB964 suitable for motorbikes, light vehicles, trucks, buses. FMB962 has a smaller capacity battery.

<p>FMB110 FMB120</p>	<p>2 x Analog sensors; LLS; CAN, LV-CAN200</p>	<p>Teltonika FMB110/FMB120 are ADVANCED trackers with internal GNSS, GSM antennas, Bluetooth connectivity and backup battery. FMB120 is designed for light vehicles tracking but is also suitable for advanced applications like logistics, delivery services, utility transport and more. It is excellent for refrigerated transport, because it has extended input/output set and 1-wire interface for temperature monitoring. With Teltonika CAN adapters, FMB120 can be even used in agriculture or construction & mining. The FMB110 is identical but does not have an internal backup battery.</p>
<p>FMB122</p>	<p>2 x Analog sensors; LLS; CAN, LV-CAN200</p>	<p>Teltonika FMB122 is SPECIAL tracker with external GNSS, internal GSM antennas, Bluetooth connectivity and backup battery. FMB122 is designed for light vehicles tracking but is also suitable for advanced applications like logistics, delivery services, utility transport and more. It is excellent for refrigerated transport, because it has extended input/output set and 1-wire interface for temperature monitoring. With Teltonika CAN adapters, FMB122 can be even used in agriculture or construction & mining.</p>
<p>FMB125</p>	<p>1 x Analog sensors; LLS; CAN, LV-CAN200</p>	<p>Teltonika FMB125 is SPECIAL tracker with external GNSS, internal GSM antennas, Bluetooth connectivity and backup battery. FMB125 is designed for communication with various third-party RS232 or RS485 devices, like digital fuel sensors (LLS), Garmin navigation device, RFID reader and much more. It is also excellent for refrigerated transport, because it has extended input/output set and 1-wire interface for temperature monitoring. With Teltonika CAN adapters, FMB125 can be even used in agriculture or construction & mining.</p>
<p>FMB202 FMB204</p>	<p>1 x Analog sensors; LLS</p>	<p>Teltonika FMB202/FMB204 are SPECIAL waterproof trackers with Bluetooth connectivity, internal high gain GNSS and GSM antennas and integrated high capacity backup batteries. Devices are designed to work longer without power supply. FMB204 with Li-ion battery can work up to 6 days in power saving mode and FMB202 with NiMH battery can work up to 2 days in power saving mode. FMB202/FMB204 are perfectly suitable for agriculture, delivery, refrigerated transport, trailers tracking, security & emergency services and even more. 6-30V power supply makes FMB202/FMB204 suitable for motorbikes and water transport.</p>
<p>FM3612</p>	<p>2 x Analog sensors; LLS; CAN, LV-CAN200</p>	<p>Teltonika FM3612 is GNSS, 3G terminal for ADVANCED applications. FM3612 is designed for light vehicles tracking but are also suitable for advanced applications like logistics, delivery services, utility transport and more. FM3612 excellent for refrigerated transport, because this terminal has extended input/output set and 1-wire interface for temperature monitoring. With Teltonika CAN adapters, FM3612 can be even used in agriculture or construction & mining. Moreover, FM3612 has 3G feature which makes this device usable worldwide. FM3612 has internal GNSS and 3G antennas.</p>

FM36M1	2 x Analog sensors; LLS; CAN, LV-CAN200	Teltonika FM36M1 is GNSS, LTE CAT M1, NB IoT terminal for SPECIAL applications. FM36M1 is designed for light vehicles tracking but also suitable for advanced applications like logistics, delivery services, utility transport and more. It is excellent for refrigerated transport, because this terminal has extended input/output set and 1-wire interface for temperature monitoring. With Teltonika CAN adapters, FM36M1 can be even used in agriculture or construction & mining. Moreover FM36M1 supports LTE CAT M1 and NB IoT, which makes this device usable with newest and most cost efficient technologies.
FM6300	3 x Analog sensors; LLS; CAN, LV-CAN200	Teltonika FM6300 is GNSS, 3G terminal for PROFESSIONAL applications. FM6300 is designed for complex solutions, where one device can do multiple tasks. 3G feature makes this device usable worldwide. FM6300 features like FMS CAN data (J1939), fuel CAN data (J1708), tachograph live data (K-Line), remote tachograph file download, various third-party RS232 or RS485 devices support and Dual-SIM will maximize your fleet efficiency. Terminal is suitable for applications like international logistics, refrigerated transport, agriculture, construction & mining, security & emergency services and even more.
FMB640	3 x Analog sensors; LLS; CAN, LV-CAN200	Teltonika FMB640 is GNSS, GSM and Bluetooth terminal for PROFESSIONAL applications. FMB640 is designed for complex solutions, where one device can do multiple tasks. FMB640 features like FMS CAN data (J1939), fuel CAN data (J1708), tachograph live data (K-line), remote tachograph file download, various third-party RS232 or RS485 devices support and Dual-SIM will maximize your fleet efficiency. Terminal is suitable for applications like international logistics, refrigerated transport, agriculture, construction & mining, security & emergency services and even more. Device supports temperature/humidity sensors, hands-free, firmware and configuration update via Bluetooth.
TMT250	-	Teltonika TMT250 is AUTONOMOUS waterproof personal tracker with Bluetooth connectivity, internal high gain GNSS, GSM antennas and integrated high capacity battery. This tracker is little and light featuring manual and advanced automatic Man-Down alerts assisting process of getting help when in need. High capacity battery and Smart battery usage algorithm allow long autonomous work. TMT250 is designed for elder people, children, lone employee's, pets and even more. Device supports temperature/humidity sensors, hands-free, firmware and configuration update via Bluetooth

Product Group	Description	FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250
TECHNOLOGY / COMMUNICATION																					
GPS/GNSS	Global positioning system/Global Navigation Satellite System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LTE	Long-Term Evolution (LTE) is a standard for high-speed wireless communication for mobile phones and data terminals	K																			
3G	3G is the third generation of wireless mobile telecommunications technology	✓	K	K	K																
GPRS	General Packet Radio Service (GPRS) is a packet oriented mobile data service based on the 2G technology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMS	Short Message Service (SMS) is a text messaging service component.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bluetooth	Bluetooth is a wireless technology standard for exchanging data over short distances		K			K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
HARDWARE / INTERFACES																					
Antennas																					
external GSM antenna	An antenna used for GSM connectivity. Connected to FM device via external connector.				✓							✓	✓								
internal GSM antenna	An antenna used for GSM connectivity. Integrated into FM device PCB. Does not have external connector.	✓	✓	✓		✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
external GNSS antenna	An antenna used for GPS connectivity. Connected to FM device via external connector.				✓							✓	✓	K	K						
internal GNSS antenna	An antenna used for GPS connectivity. Integrated into FM device PCB. Does not have external connector.	✓	✓	✓		✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250	
CAN J1939	SAE J1939 is the vehicle bus standard used for communication and diagnostics among vehicle components		✓		K							K	K									
CAN J1708	SAE J1708 is a standard used for serial communications between ECUs on a heavy-duty vehicle and also between a computer and the vehicle				K							K	K									
OBD II connector	Connects the device to vehicle OBDII connection		✓					✓	✓													
OBD II Data	Allows to read all CAN bus data from the vehicle ECU		K			DONGLE	DONGLE	K		DONGLE	DONGLE			DONGLE	DONGLE	DONGLE	DONGLE	DONGLE	DONGLE	DONGLE	DONGLE	
RS232	RS-232 is a standard for serial communication transmission of data				K							K	K		K							
No. of RS232 inputs	Number of RS232 input.				2							2	2		1							
RS485	RS-485 is a standard defining the electrical characteristics of drivers and receivers for use in serial communications systems				K							K	K		K							
No. of RS485 inputs	Number of RS485 input.				1							1	1		1							
Input for Ignition	Digital Inputs allow device to detect logic states 1(enabled) or 0(disabled)	K		K	✓	K	K	✓	✓	✓	✓	✓	✓	K	✓	K	K	K	K	K		
No. of digital input	Number of digital inputs.	4		4	4	3	3	1	1	1	1	4	4	3	1	3	3	1	1			
AIN - analog input	An analog input converts a voltage level into a digital value that can be stored and processed in device.	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
No. of analog inputs	Number of analog input.	2		2	3	2	2			1	1	3	4	2	1	1	1	1	1			
DOUT	Digital Outputs allow device to output logic states 1 (makes a circuit) and 0(cuts the circuit)	K		K	✓	K	K			✓	✓	✓	✓	K	✓	K	K	✓	✓			

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250
No. of digital outputs	Number of digital outputs.	2		2	4	2	2			1	1	4	4	2	1	2	2	1	1		
1-wire	1-Wire is a device communications bus system that provides low-speed data over dedicated wires.	☑		☑	✓	☑	☑					✓	✓	☑	☑	☑	☑				
No. of 1 wire		1		1	1	1	1					1	1	1	1	1	1				
Accelerometer	Accelerometer allows the device to indicate if vehicle is moving or not, as well as measure acceleration.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gyroscope	Gyroscope allows the device to present angular rate of vehicle.																			☑	☑
Battery	Allows device to work without external power source	✓	✓	✓	☑		☑	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	✓
Battery capacity	Battery capacity, type and voltage.	170mAh Li-ion 3,7V	170mAh Li-ion 3,7V	170mAh Li-ion 3,7V	550mAh Ni-MH 8,4V		170mAh Li-ion 3,7V	170mAh Li-ion 3,7V	170mAh Li-ion 3,7V		170mAh Li-ion 3,7V	550mAh Ni-MH 8,4V	550mAh Ni-MH 8,4V	170mAh Li-ion 3,7V	170mAh Li-ion 3,7V	400mAh Ni-MH 7,2V	1800mAh Li-ion 3,7V	400mAh Ni-MH 7,2V	1800mAh Li-ion 3,7V	170mAh Li-ion 3,7V	800mAh Li-Ion, 3,7V
IP41	Protected from tools and small wires, condensation	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓						
IP65	Protected from total dust ingress, low pressure water jets from any direction.																			✓	
IP67	Protected from total dust ingress, immersion between 15 centimetres and 1 meter in depth.															☑	☑				☑
IP54	Limited protection against dust ingress. (no harmful deposit), Protected against splash water from any direction.									✓	✓							✓	✓		
1MB memory	Internal memory for records storing when there is no GPRS connectivity	✓		✓	✓							✓	✓								
128MB memory			✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250
micro SD	Micro SD card slot for records storing when there is no GPRS connectivity				✓							✓	✓					✓			
6-30V	External voltage ranges									✓	✓					K	K	✓	✓		
10-30V	External voltage ranges	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓					✓	
K-Line	Allows to get vehicle data from tachograph				✓							✓	✓								
K-Line (OBD II)	Allows reading vehicle data		✓					✓													
Overvoltage protection	Protects device from voltage jumps till 90V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
No. of configurable buttons	Allows to call or send alarm to configurable number																				2
1 x SIM Card	Allows to put 1 SIM card for internet connection	✓		✓	✓							✓	✓								
1 x Micro-SIM Card	Allows to put 1 Micro-SIM card for internet connection		✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
2 x SIM Card (Dual-SIM)	Allows to put 2 SIM cards (can be from different operators) for internet connection				K							K	K	✓	✓						
Dual-SIM (1 x SIM card, 1 x eSIM)	Dual-SIM functionality is achieved with 1 regular SIM card and one SIM chip.					✓	✓	✓	✓	✓	✓			K	K	✓	✓	✓	✓	✓	✓
"K" - Key Feature																					

		FIRMWARE / SOFTWARE																				
		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250	
LV-CAN support	LV-CAN200 is used to listen data from light vehicles. With this adapter FM device is able to collect and send such data.	K		K	✓	✓	✓					✓	✓	✓	✓							
ALL-CAN support	ALL-CAN300 is used to listen data from any type of transport: light vehicles, Trucks, busses, agriculture and other special transport. With this adapter FM device is able to collect and send such data.	K		K	✓	✓	✓					✓	✓	✓	✓							
Ignition detection	A vehicle ignition detection function, based on a configured ignition source (External power voltage, Digital input 1 or Movement).	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geo-fence	A functionality, which generates an event when crossing a defined area. It can be used to detect wherever car enters or leaves customized areas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sleep modes	Working modes which let the device to reduce power consumption and save vehicle battery.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Overspeeding detection	This scenario helps to prevent from exceeding fixed speed and inspects driver if needed. Digital output 1 is controlled by scenario for user needs, to manage buzzer, LED etc. During overspeeding event Digital output 1 will be turning ON and OFF until speed is lower than configured Max Allowed Speed.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250	
FOTA	Firmware over the air solution. The software is used to send firmware/configuration to FM device via GPRS network.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Remote Log	This type of FM data logging is used when there is no possibility to connect to device physically. Device establishes GPRS connection and activates link to server, log is started to stream to server until set time is elapsed.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Garmin	Garmin provides a Fleet Management Interface Tool Kit, which connected to FM device via RS232 interface enables the driver to have a „screen “ in their vehicle for real-time navigation, messaging, and job dispatch capabilities to help them be more efficient.				✓							✓	✓		✓							
GPRS commands	It is possible to send commands to FM device using GPRS. GPRS commands can be used for sending configuration, debug, digital outputs control commands etc. These commands should be coded into a special codec12 format.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RFID RS232	Radio-frequency identification (RFID) is the use of a wireless non-contact system to transfer data from a tag attached to an object, for the automatic driver identification. Reader can be connected to FM device via RS232 interface.				✓							✓	✓		✓							
RFID 1-wire	Radio-frequency identification (RFID) is the use of a wireless non-contact system to transfer data from a tag attached to an object, for the automatic driver identification. Reader can be connected to FM device via 1-wire interface.	✓		✓	✓	✓	✓					✓	✓	✓	✓	✓	✓					

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250
iButton Notification	iButton is attached and is successfully read, configured DOUT goes ON for configurable amount of time	✓		✓	✓	✓	✓					✓	✓	✓	✓	✓	✓				
iButton 1-wire	A driver identification key which can be read with a 1-wire data protocol reader, that is connected to FM device.	✓		✓	✓	✓	✓					✓	✓	✓	✓	✓	✓				
Temp. 1-wire	A temperature sensor which can be connected to FM device and provide information via 1-wire data protocol.	✓		✓	✓	✓	✓					✓	✓	✓	✓	✓	✓				
Immobilizer	With this scenario vehicle can be used only if iButton is connected. You can connect any iButton to pass Immobilizer security. FM device Digital Output 2 is controlled by scenario for user needs (for example: LED, buzzer or another indicator can be connected).	✓		✓	✓	✓	✓					✓	✓	✓	✓	✓	✓				
Eco driving	This scenario helps to prevent and inspect driver about harsh driving. Eco driving scenario continuously monitors: accelerating, braking and cornering forces depending on build in accelerometer. Monitoring sensitivity is configurable. FM device Digital Output 1 is controlled by scenario for user needs, buzzer or LED for example.		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Green driving	Helps to prevent and inspect driver about harsh driving. This functionality works in parallel with accelerating force, braking force and cornering angles. Every harsh drive event can be presented in the real time during the LED or buzzer notification.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel monitoring LLS (analog)	Fuel monitoring via LLS sensors gives ability to measure highly accurate fuel level in the vehicle. Functionality is be based on analog sensor connectivity.	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250	
Fuel monitoring LLS (digital)	Fuel monitoring via LLS sensors gives ability to measure highly accurate fuel level in the vehicle. Functionality is based on digital sensor connectivity.				✓							✓	✓		✓							
Fuel monitoring CAN FMS	The FMS CAN line gives ability to read the vehicle fuel level parameters. This functionality works with J1939 or J1708 communication standards.	✓		✓	✓		✓					✓	✓	✓	✓							
Fuel counter	Helps to monitor the fuel flow in the vehicle and transmit the dedicated data to the server.				✓							✓	✓									
DDD download and Tacho on-line data	Tachograph data download helps User to gather tachograph information remotely. The tachograph data is directly transmitted to the fleet management device via k-line connection				K							K	K									
Jamming detection	Jamming detection informs the driver with buzzer or LED about radio jamming events.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NTP time synch.	Network time protocol (NTP) is used to get the right time without GPS connection. This functionality gives an ability to monitor the device state in the real time.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NITZ time synch.	Network Identity and Time Zone (NITZ) is a mechanism for provisioning local time and date, time zone and DST offset, as well as network provider identity information, to mobile devices via a wireless network.		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GPS unplug detection	The GPS unplug detection gives an ability to notify the User about GPS antenna disassembly.				K							K	K									
Transparent mode (RS232)	The RS232 is a standard used for a serial communication between devices. While using RS232 connection various type of data like fuel parameters or messages can be transmitted.				✓							✓	✓		✓							

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250	
SMS event	SMS event is a special functionality which is used to notify the user about the tracker initial state. Any changes of speed, engine status, over speeding or etc. will be informed with SMS.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Idling detection	The Idling detection functionality allows User to monitor the engine working time without initial speed.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Crash detection	Crash detection functionality is generating the record when device detects car accident using the internal sensors (Accelerometer).		K		K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
Odometer	Odometer is used to calculate travelled distance and produce this information directly to server.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trip detection	Trip detection is used to inform user about start and stop points in the dedicated location, while engine is on or off.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Towing detection	Towing detection - Towing detection feature helps to inform the User about car departing. The quick event will be sent to server while towing is detected.		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Profiles	Profiles – Profile configuration system gives an ability to configure the device with different behaviours. For example, the device can change the profiles during the different operator code, engine working state or etc.				✓							✓										
Integrated scenarios	Integrated scenarios – The integrated device scenarios are used to simply enable the dedicate functionality like Green driving, Over speeding, Authorized driving or Immobilizer.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Silent call	The silent call functionality is dedicated to make a voice call that nobody will be able to notice																					✓

		FM36M1	FM3001	FM3612	FM6300	FMB110	FMB120	FMB001	FMB010	FMB900	FMB920	FMB630	FMB640	FMB122	FMB125	FMB202	FMB204	FMB962	FMB964	FMT100	TMT250	
Remote configuration over SMS	The remote configuration via SMS gives an ability to configure the device via SMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Man-down	This function activates monitoring of device position. If position is changed, device activates PreAlarm which is representing that device is changed the position.																					K
Offline tracking	Offline tracking is used to track the object position while GPRS is not activated.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto Geofencing	Auto geofencing can detect wherever car enters or leaves customized areas with deactivated ignition.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Voice call	The voice call functionality gives an ability to make a directly phone call with device.					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alarm button	The alarm button functionality is responsible for event generating while Alarm button is pressed.																					K
SMS tracking	SMS tracking gives ability to monitor device location via SMS. The User is able to receive location in the coordinates or Google Maps link.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Configuration over Bluetooth	Configuration over Bluetooth gives ability to configure the device remotely by using Bluetooth connection.		✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bluetooth sensors support	Bluetooth sensors are responsible to transmit the collected data remotely to device.		✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	
Tachoweb sync support	TachoWeb is an online platform which allows the User to download the DDD files. The special synchronization process can be used to adopt devices to the existing system.				✓							✓	✓									