

FMC150

GNSS/LTE CAT 1/GSM/TRACKER WITH INTEGRATED CAN ADAPTER AND
INTERNAL GNSS/GSM ANTENNAS AND INTERNAL BATTERY

Product page



4G CAT 1 4.0



4G CAT 1

Reliable 4G (LTE Cat 1) connection
with fallback 2G (GSM) network

CAN DATA FOR EV VEHICLES

CAN module allows data reading
from electric vehicles (EV)

INTEGRATED CAN DATA PROCESSOR

Allows to monitor real fuel
consumption and level, full mileage,
engine temperature and more

NEGATIVE INPUT

Allows easier installation of
accessories



ELECTRIC
VEHICLES



LIGHT
VEHICLES



TRUCKS



BUSES

FMC150 is an ADVANCED 4G CAT 1/GSM/GNSS/BLE tracker with integrated CAN data processor. It is compact 2 in 1 solution: GPS tracker and CAN adapter inside! Device allows to read CAN data from a wide range of various vehicles, including light & electric vehicles, trucks and buses. With the current software version FMC150 can be used in advanced applications as logistics, delivery services, utility transport, car sharing and more. For now, one SW option is available to fulfil your business demands:

A default FMC150 software version with LV-CAN parameters, including fuel level, consumption, odometer, CAN speed, pedal position, Supported vehicle types: light vehicles, electric vehicles, trucks and buses.



Module

Name	FMC150-QJIB0: Quectel EG915U-EU with Teltonika TM2500 FMC150-QKIB0: Quectel EG915U-LA with Teltonika TM2500
Technology	LTE Cat 1/GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS

GNSS	GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
Receiver	Tracking: 33
Tracking sensitivity	-165 dBm
Position accuracy	< 2.5 CEP
Velocity accuracy	< 0.1m/s (within +/- 15% error)
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s

Cellular

Technology	LTE CAT 1, GSM
2G bands	FMC150-QJIB0: GSM: B2/B3/B5/B8 FMC150-QKIB0: GSM: B2/B3/B5/B8
4G bands	FMC150-QJIB0: LTE FDD: B1/B3/B7/B8/B20/B28 FMC150-QKIB0: LTE FDD: B2/B3/B4/B5/B7/B8/B28/ B66
Data transfer	GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B
Data support	SMS (text/data)

Power

Input voltage range	10 - 30 V DC with overvoltage protection
Back-up battery	170 mAh Li-Ion battery 3.7 V (0.63 Wh)

BLUETOOTH® technology

Specification	4.0 + LE
Supported peripherals	Temperature and Humidity sensor, Headset, OBDII dongle, Inateck Barcode Scanner, Universal Bluetooth® LE sensors support

Physical specification

Dimensions	65 x 56.6 x 20.6 mm (L x W x H)
Weight	55 g

Interface	
Digital Inputs	FMC150-QJIB0: 3 FMC150-QKIB0: 2
Negative Inputs	FMC150-QJIB0: 1 (Digital Input 2) FMC150-QKIB0: -
Impulse Inputs	FMC150-QJIB0: 2 (Digital Input 1, Digital Input 2) FMC150-QKIB0: 1 (Digital Input 1)
Digital Outputs	FMC150-QJIB0: 2 FMC150-QKIB0: 3
Analog Inputs	FMC150-QJIB0: 2 FMC150-QKIB0: 1
CAN interfaces	2
1-Wire	1 (1-Wire data)
GNSS antenna	Internal High Gain
GSM antenna	Internal High Gain
USB	2.0 Micro-USB
LED indication	3 status LED lights
SIM	Micro-SIM or eSIM
Memory	128MB internal flash memory

Operating environment	
Operating temperature (without battery)	-40 °C to +85 °C
Storage temperature (without battery)	-40 °C to +85 °C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP41
Battery charge temperature	-0 °C to +45 °C
Battery discharge temperature	-20 °C to +60 °C
Battery storage temperature	-20 °C to +45 °C for 1 month -20 °C to +35 °C for 6 months

Features	
CAN Data	Fuel Level (Dashboard), Total fuel consumption, Vehicle speed (wheel), Vehicle driven distance, Engine speed (RPM), Accelerator pedal position
Sensors	Accelerometer
Scenarios	Green Driving, Over Speeding detection, Jamming detection, GNSS Fuel Counter, DOUT Control Via Call, Excessive Idling detection, Immobilizer, iButton Read Notification, Unplug detection, Towing detection, Crash detection, Auto Geofence, Manual Geofence, Trip
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
Configuration and firmware update	FOTA Web, FOTA, Teltonika Configurator (USB, Bluetooth® wireless technology), FMBT mobile application (Configuration)
SMS	Configuration, Events, DOUT control, Debug
GPRS commands	Configuration, DOUT control, Debug
Time Synchronization	GPS, NITZ, NTP
Ignition detection	Digital Input 1, Accelerometer, External Power Voltage, Engine RPM

Certification & Approvals *	
Regulatory	CE/RED, E-Mark, RCM, RoHS, REACH

* in progress



Repubblica di San Marino
Autorità per l'Omologazione
Republic of San Marino
Authority for Homologation

Via Consiglio dei Sessanta, 99
47891 Dogana - Repubblica di San Marino

Comunicazione
Communication

	Concernente ^{2/} Concerning ^{2/}	Il rilascio dell'omologazione <i>Approval granted</i> L'estensione dell'omologazione <i>Approval extended</i> Il rifiuto dell'omologazione <i>Approval refused</i> La revoca dell'omologazione <i>Approval withdrawn</i> La cessazione definitiva della produzione <i>Production definitively discontinued</i>
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of a type of ~~electrical~~ electronic sub-assembly ⁽²⁾ with regard to regulation no. 10.06

Omologazione N. <i>Approval No.</i>	E57*10R06/02*1613	Estensione N. <i>Extension No.</i>	00
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Marchio di omologazione <i>Approval mark</i>	 10R - 061613
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1. Make (trade name of manufacturer):



2. Type and general commercial description(s):

FMC150-QJIB0, Fleet Management System

3. Means of identification of type, if marked on the
~~vehicle/component/separate technical unit~~ ⁽²⁾

3.1. Location of that marking:

Engraved on the terminal housing

4. Category of vehicle:

M,N,O

To Whom It May Concern

DECLARATION OF IMEI ASSIGNMENT

19th of December, 2024

Vilnius

TELTONIKA TELEMATICS, UAB, with office at Saltoniskiu st. 9B-1, LT-08105, Vilnius, Lithuania, hereby declares under sole responsibility, that the following equipment with described GSM module:

Equipment	Model number	GSM module used
Fleet management system	FMC800, FMC880, FTC881, FMC920, FTC921, FTC961, TAT240, TAT140, FMC150, FMC250	Quectel EG915U-EU EG915U-LA

Have been granted the associated IMEI TAC allocations:

Quectel EG915U-EU EG915U-LA	86634405
	86541305
	86445407
	86967107
	86774707
	86323807
	86837307
	86373807

Deputy Head of the Technical Support Division

Registration code 305578349
VAT number LT100913240611

Swedbank AB
LT71 7300 0101 6274 0043
S.W.I.F.T. HABALT22



Certificado de Homologação

(Intransferível)

Nº **05744-24-16220**

Validade: **Indeterminada**

Emissão: **02/05/2024**

Requerente:

CNPJ: **25.752.102/0001-31**

TELTONIKA DO BRASIL DISTRIBUIDORA DE EQUIPAMENTOS ELETRÔNICOS E DE

TELECOMUNICAÇÕES LTDA

Fabricante:

TELTONIKA TELEMATICS, UAB

SALTONISKIU ST. 9B LT

Nº

08105

LITUÂNIA

Este documento homologa, nos termos da regulamentação de telecomunicações vigente, o Certificado de Conformidade nº ELD00593/24, emitido pelo **Instituto de Pesquisas Eldorado**. Esta homologação é expedida em nome do solicitante aqui identificado e é válida somente para o produto a seguir discriminado, cuja utilização deve observar as condições estabelecidas na regulamentação de telecomunicações.

Tipo - Categoria:

Estação Terminal de Acesso - T

Modelo - Nome Comercial (s):

FMC150-QKIBO - (FMC150)

Características técnicas básicas:

Designação de Emissões	Tipo de Modulação	Potência Máxima de Saída (W)	Tecnologia	Faixa de Frequências Tx (MHz)	SAR (W/kg) Cabeça
200KG7W	GMSK B-PSK	1,0611	GSM/GPRS	824,0 a 849,0	-
200KG7W	GMSK B-PSK	1,062	GSM/GPRS	898,5 a 901,0	-
200KG7W	GMSK B-PSK	1,062	GSM/GPRS	907,5 a 915,0	-
200KG7W	GMSK B-PSK	0,3317	GSM/GPRS	1.710,0 a 1.785,0	-
200KG7W	GMSK B-PSK	1,0563	GSM/GPRS	1.895,0 a 1.900,0	-
1M0G7W - 3M0G7W - 5M0G7W	QPSK 16QAM	0,2051	LTE	703,0 a 748,0	-
10M0G7W - 15M0G7W	QPSK 16QAM	0,2051	LTE	703,0 a 748,0	-
5M0G7W - 10M0G7W	QPSK 16QAM	0,2037	LTE	824,0 a 849,0	-
15M0G7W - 20M0G7W	QPSK 16QAM	0,2037	LTE	824,0 a 849,0	-
5M0G7W - 10M0G7W	QPSK 16QAM	0,2805	LTE	898,5 a 901,0	-
15M0G7W - 20M0G7W	QPSK 16QAM	0,2805	LTE	898,5 a 901,0	-
5M0G7W - 10M0G7W	QPSK 16QAM	0,2805	LTE	907,5 a 915,0	-
15M0G7W - 20M0G7W	QPSK 16QAM	0,2805	LTE	907,5 a 915,0	-
1M0G7W - 3M0G7W - 5M0G7W	QPSK 16QAM	0,2042	LTE	1.710,0 a 1.785,0	-
10M0G7W - 15M0G7W - 20M0G7W	QPSK 16QAM	0,2042	LTE	1.710,0 a 1.785,0	-
1M0G7W - 3M0G7W - 5M0G7W	QPSK 16QAM	0,2	LTE	1.895,0 a 1.900,0	-
10M0G7W - 15M0G7W - 20M0G7W	QPSK 16QAM	0,2	LTE	1.895,0 a 1.900,0	-
5M0G7W - 10M0G7W	QPSK 16QAM	0,1641	LTE	1.920,0 a 1.980,0	-
15M0G7W - 20M0G7W	QPSK 16QAM	0,1641	LTE	1.920,0 a 1.980,0	-
15M0G7W - 20M0G7W	QPSK 16QAM	0,1923	LTE	2.500,0 a 2.570,0	-

Possui módulo de RF com as seguintes características:

Designação de Emissões	Faixa de Frequências Tx (MHz)	Potência Máxima de Saída (W)	Tipo de Modulação	Tecnologias
1M03F7D	2.400,0 a 2.483,5	0,003	QPSK	SALTO EM FREQUÊNCIA
1M28G7D	2.400,0 a 2.483,5	0,002	8-DPSK	SALTO EM FREQUÊNCIA
751K7D	2.400,0 a 2.483,5	0,0003	GFSK	SEQUÊNCIA DIRETA

- O produto implementa o protocolo IPv6.

- O equipamento possui antena interna.

- O equipamento embarca o módulo de RF modelo EG916U-LA do fabricante Quectel, homologado sob o nº 02755-22-67968 estando esta certificação vinculada à vigência da referida homologação.

- O requerente apresentou declaração em conformidade com os Requisitos de Segurança Cibernética para Equipamentos para Telecomunicações.

- Ensaio de SAR não aplicável.

Na sua utilização o produto deve estar ajustado na(s) potência(s) e frequência(s) autorizadas pelo órgão técnico competente da Agência Nacional de Telecomunicações.

- Anatel.

Constitui obrigação do fabricante do produto no Brasil providenciar a identificação do produto homologado, nos termos da regulamentação de telecomunicações, em todas as unidades comercializadas, antes de sua efetiva distribuição ao mercado, assim como observar e manter as características técnicas que fundamentaram a certificação original.

As informações constantes deste certificado de homologação podem ser confirmadas no **SCI - Sistema de Gestão de Certificação e Homologação**, disponível no portal da Anatel. (www.anatel.gov.br).

To Whom It May Concern

DECLARATION OF IMEI ASSIGNMENT

27th of January, 2025

Vilnius

TELTONIKA TELEMATICS, UAB, with office at Saltoniskiu st. 9B-1, LT-08105, Vilnius, Lithuania, hereby declares under sole responsibility, that the following equipment with described GSM module:

Equipment	Model number	GSM module used
Fleet management system	TAT140, TAT240, FMC920, FMC880, FMC150, FMC250, FTC961	Quectel EG915U – LA

have been granted the associated IMEI TAC allocations:

Quectel EG915U – LA	86541305
	86967107
	86323807
	86801807

Deputy Head of the Technical Support Division


UAB
**TELTONIKA
TELEMATICS**
Nr. 1

Registration code 305578349
VAT number LT100013240611

Swedbank AB
LT71 7300 0101 6274 0043
S.W.I.F.T. HABALT22

www.teltonika-gps.com



5. Name and address of manufacturer: TELTONIKA TELEMATICS, UAB
Saltoniškių g. 9B-1, LT-08105, Vilnius, Lithuania

6. In the case of components and separate technical units, location and method of affixing of the approval mark: N/A

7. Address(es) of assembly plant(s): TELTONIKA EMS, UAB
Ditvos g. 6, LT-02121, Vilnius, Lithuania

8. Additional information (where applicable): See appendix below

9. Technical service responsible for carrying out the tests: **AUTOMOTIVE TECHNICAL SERVICE S.r.l.**
Via Consiglio dei Sessanta, 99
47891 – DOGANA Repubblica di San Marino

10. Date of test report: 03/2/2023

11. No. of test report: ATS-10-1613

12. Any remarks: See appendix below

13. Place: DOGANA – Repubblica di San Marino

14. Date: 16/2/2023

15. Signature:



Ing. Marco CONTI
Direttore Generale
General Director

16. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request

17. Reason for extension: Not Applicable

(1) Strike out what does not apply.

ated voltage:	12/24V DC, pos. / neg. ground ¹
ed on any vehicle type with the ns:	N/A
ditions, if any:	N/A
with 24 GHz short-range radar	N/A
ditions, if any:	N/A
ethod(s) used and the frequency etermine immunity were: cise method used from Annex 9):	See Test Report No. ATS-10-1613
ted to ISO 17025 and recognized uthority responsible for carrying	Vkan certification & Testing Co., China
not apply.	

to type-approval communication form No. E57*10R06/02*1613*00
concerning the type-approval of an electrical/electronic sub-assembly under Regulation
No. 10.06

1. Additional information:

- | | |
|--|---|
| 1.1. Electrical system rated voltage: | 12/24V DC, pos. / neg. ground ¹ |
| 1.2. This ESA can be used on any vehicle type with the following restrictions: | N/A |
| 1.2.1. Installation conditions, if any: | N/A |
| 1.3. Vehicle equipped with 24 GHz short-range radar equipment: | N/A |
| 1.3.1. Installation conditions, if any: | N/A |
| 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were:
(Please specify precise method used from Annex 9): | See Test Report No. ATS-10-1613 |
| 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | Vkan certification & Testing Co.,Ltd. Guangzhou / China |

2. Remarks:

(1) Strike out what does not apply.

Allegato <i>Enclosure</i>			
Al certificato di omologazione ECE N. <i>To ECE approval certificate No.</i>		E57*10R06/02*1613*00	
Indice del fascicolo di omologazione <i>Index to the information package</i>			
Data <i>Date of issue</i>	16/2/2023	Data ultima modifica <i>Last amendment date</i>	--
1.	Clausole di garanzia e istruzioni sul diritto di presentare ricorso <i>Collateral clauses and instruction on right to appeal</i>		
2.	Rapporto(i) Finale di Ispezione N. <i>Inspection report(s) No.</i>	ATS-10-1613	Data <i>Date</i> 03/2/2023
3.	Scheda informativa N. <i>Information document No.</i>	FMC150-QJIB0-R10-00	Data <i>Date</i> 03/2/2023
			Data ultima modifica <i>Last amendment date</i> --



EU Regulation 1907/2006 REACH Compliance Declaration

11th of April, 2024

Vilnius

TELTONIKA TELEMATICS, UAB declares under our sole responsibility that our products are in compliance with Regulation (EC) No 1907/2006 of European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Object of declaration: [TELTONIKA TELEMATICS Fleet Management Terminals](#) and [TELTONIKA TELEMATICS Accessories](#).

According to Article 33 of REACH, the manufacturer has the obligation to provide sufficient information to the consumer/recipient of the article if Substances of Very High Concern (SVHC) of Candidate List are contained in a concentration above 0,1% weight by weight (w/w). To the best of our knowledge SVHC are not present above 0,1% w/w in any article of TELTONIKA TELEMATICS UAB products. Here you can find [The Candidate List](#).

To the best of our knowledge, none of TELTONIKA TELEMATICS, UAB products contain any substances subject to REACH Annex XVII restrictions.

Deputy Head of the Technical Support Division



Aurimas Adomaitis

TELTONIKA TELEMATICS UAB
Sailtoniskiu st. 9B-1, LT-08105
Vilnius, Lithuania

Registration code 305578349
VAT number LT100013240611

Swedbank AB
LT71 7300 0101 6274 0043
S.W.I.F.T. HABALT22

Data on the company is collected and stored in the Register of Legal Entities of the Republic of Lithuania.



Supplier's declaration of conformity



As required by the following Notices:

- > *Radiocommunications (Compliance Labelling - Devices) Notice 2014* made under section 182 of the *Radiocommunications Act 1992*;
- > *Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017* made under section 182 of the *Radiocommunications Act 1992*
- > *Radiocommunications (Compliance Labelling – Electromagnetic Radiation) Notice 2014* made under section 182 of the *Radiocommunications Act 1992* and
- > *Telecommunications (Labelling Notice for Customer Equipment and Customer Cabling) Instrument 2015* made under section 407 of the *Telecommunications Act 1997*.

Supplier's details (manufacturer, importer or authorised agent)

TELTONIKA AUSTRALIA PTY LTD (AGENT)

RCM supplier code number **E9570**

of 289 King Street, Mascot, New South Wales 2020,
Australia

ABN: 62 644 941 506

Product details and date of manufacture

Product Name	Fleet Management System
Model Number	FMC150-QJIB0
Trade Mark	TELTONIKA TELEMATICS

Compliance – applicable standards and other supporting documents

Standard	Test report number
ETSI EN 301 908-1 V15.1.1 ETSI EN 301 908-13 V13.1.1	R2301A0077-R2
AS/NZS CISPR 32-2015+A1:2020	R2301A0078-E1
EN IEC 62368-1:2020+A11:2020 AS/NZS 62368.1:2022	R2301A0078-L1
AS/NZS 2772.2: 2016 /amd 1:2018	R2301A0078-M1
AS/NZS 4268:2017 /amd 1:2021	R2301A0078-R1
AS/CA S042.1:2020 AS/CA S042.4:2018	R2301A0078-R2

Declaration

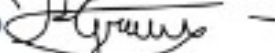
I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above,
2. the contents of this form are true and correct, and
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above.

Note: Under section 137.1 of the *Criminal Code Act 1995*, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Penalty: 12 months imprisonment

Kestutis Grauslys

CEO 

09/03/2023



CERTIFICATE OF CONFORMITY

Type Approval Code: RGRJ/63A/0524/S(24-1587)

Application Number: SQASI/TA/24/1587

This certificate is granted to

TELTONIKA MALAYSIA SDN BHD

V02-08-09, SUNWAY VELOCITY VOFFICE 2 LINGKARAN SV, 55100, KL CITY CENTER, WILAYAH
PERSEKUTUAN

It is hereby certified that

MODEL: FMC150-QJIB0

MARKETING NAME: FMC150

BRAND: TELTONIKA

For device category

VEHICLE TRACKING SYSTEM (HYBRID AUTOMOTIVE)

Product Features:

LTE [800 (B20), 1800 (B3), 2600 (B7), 2100 (B1), 900 (B8)]

GSM [900, 1800]

IPv6

Bluetooth [2400 MHz - 2483.5 MHz]

GPS [1559 MHz - 1610 MHz]

Approval Date: 15 May 2024

Expiry Date: 14 May 2025

Certification of Communication, Multimedia and Hybrid Equipment (Equipment) means the certified product has met the requirements of the standards specified in this certificate. The certification of the equipment does not in itself confer a right on the certificate holder to operate the equipment.



Certificate

Number:

187465

NUR FADHILAH BINTI MUHAMMAD

Chief Executive Officer

SIRIM QAS International



ACB 001



CERTIFICATE OF CONFORMITY

Type Approval Code: RGRJ/63A/0524/S(24-1587)

Application Number: SQASI/TA/24/1587

MODEL: FMC150-QJIB0

MARKETING NAME: FMC150

BRAND: TELTONIKA

Consists: 1 SIM, 1 IMEI

Incorporated Approved TAC:

TAC	Model	ProductName
1 RAFP/03A/0220/S(20-0586)	TM2500 [Support: Bluetooth] [1 SIM, 1 IMEI]	GSM 900/1800/GPS MODULE

Complies to

TECHNICAL CODE

MCMC MTSFB TC T015:2022

SKMM WTS GSM-MT REV. 1.01:2007

MCMC MTSFB TC T007:2020



Approval Date: 15 May 2024

Expiry Date: 14 May 2025

Certification of Communication, Multimedia and Hybrid Equipment (Equipment) means the certified product has met the requirements of the standards specified in this certificate. The certification of the equipment does not in itself confer a right on the certificate holder to operate the equipment.



Certificate
Number:
187465

NUR FADHILAH BINTI MUHAMMAD
Chief Executive Officer
SIRIM QAS International



EC Declaration of Conformity

27th of February, 2023

Vilnius

Declaring Organization: UAB TELTONIKA TELEMATICS

Product Name: Fleet Management System
Product Model Name: FMC150-QJIB0
Product Description: LTE/GNSS/BLE TERMINAL
Technical description of built in RF module:
Frequency range:

	<i>T_x</i>	<i>R_x</i>
GSM900:	880 - 915 MHz	925 - 960 MHz
GSM1800:	1710 - 1785 MHz	1805 - 1880 MHz
LTE Band 1:	1920 - 1980 MHz	2110 - 2170 MHz
LTE Band 3:	1710 - 1785 MHz	1805 - 1880 MHz
LTE Band 5:	824 - 849 MHz	869 - 894 MHz
LTE Band 7:	2500 - 2570 MHz	2620 - 2690 MHz
LTE Band 8:	880 - 915 MHz	925 - 960 MHz
LTE Band 20:	832 - 862 MHz	791 - 821 MHz
LTE Band 28:	703 - 748 MHz	758 - 803 MHz
BT/BLE:	2402 - 2480 MHz	2402 - 2480 MHz
GPS L1:		1559 - 1610 MHz
GLONASS G1:		1559 - 1610 MHz
BDS:		1559 - 1610 MHz
GALILEO E1:		1559 - 1610 MHz

Transmitted Power: Max. 32,63 dBm (GSM900)
Hardware Version: FMC150-01
Software Version: FMB.Ver.03.28.06

TELTONIKA TELEMATICS, UAB, declare under our sole responsibility that the above-described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

TELTONIKA TELEMATICS UAB
Sailtoniskiu st. 9B-1, LT-08105
Vilnius, Lithuania

Registration code 305578349
VAT number LT100013240611

Swedbank AB
LT71 7300 0101 6274 0043
S.W.I.F.T. HABALT22



The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized Standard reference	Article of Directive 2014/53/EU	Test report No.
EN IEC 62368-1:2020 + A11:2020	Health and safety - Article 3.1(a)	R2301A0077-L1
EN 50665:2017		R2301A0077-M1V1
EN IEC 62311:2020		
EN 55032:2015 + A11:2020 EN 55035:2017 + A11:2020 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 ETSI EN 301 489-19 V2.2.1 ETSI EN 301 489-52 V1.2.1	Electromagnetic compatibility - Article 3.1(b)	R2301A0077-E1V1
ETSI EN 300 328 V2.2.2	Efficient use of radio spectrum - Article 3.2	R2301A0077-R3
ETSI EN 301 511 V12.5.1		R2301A0077-R1
ETSI EN 301 908-1 V15.1.1		R2301A0077-R2
ETSI EN 301 908-13 V13.1.1		
ETSI EN 303 413 V1.2.1		R2301A0077-R4

The conformity assessment procedure referred to in Article 3.1(a), 3.1(b), and 3.2 and detailed in Annex III Module B of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: Eurofins Electrical and Electronic Testing NA, Inc. Notified Body No: 0980.

Therefore  is placed on the product.

Head of Europe Technical Support Department



Edgardas Zapolskis

EU-Type Examination Certificate No. 2183-2-2023-125350

UK Declaration of Conformity

27th of February, 2023

Vilnius

Declaring Organization: UAB TELTONIKA TELEMATICS

Product Name: Fleet Management System

Product Model Name: FMC150-QJIB0

Product Description: LTE/GNSS/BLE TERMINAL

Technical description of built in RF module:

Frequency range:

	<i>T_x</i>	<i>R_x</i>
GSM900:	880 - 915 MHz	925 - 960 MHz
GSM1800:	1710 - 1785 MHz	1805 - 1880 MHz
LTE Band 1:	1920 - 1980 MHz	2110 - 2170 MHz
LTE Band 3:	1710 - 1785 MHz	1805 - 1880 MHz
LTE Band 5:	824 - 849 MHz	869 - 894 MHz
LTE Band 7:	2500 - 2570 MHz	2620 - 2690 MHz
LTE Band 8:	880 - 915 MHz	925 - 960 MHz
LTE Band 20:	832 - 862 MHz	791 - 821 MHz
LTE Band 28:	703 - 748 MHz	758 - 803 MHz
BT/BLE:	2402 - 2480 MHz	2402 - 2480 MHz
GPS L1:		1559 - 1610 MHz
GLONASS G1:		1559 - 1610 MHz
BDS:		1559 - 1610 MHz
GALILEO E1:		1559 - 1610 MHz

Transmitted Power: Max. 32,63 dBm (GSM900)

Hardware Version: FMC150-01

Software Version: FMB.Ver.03.28.06

TELTONIKA TELEMATICS, UAB, declare under our sole responsibility that the above-described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

TELTONIKA TELEMATICS UAB
Sailtoniskiu st. 9B-1, LT-08105
Vilnius, Lithuania

Registration code 305578349
VAT number LT100013240611

Swedbank AB
LT71 7300 0101 6274 0043
S.W.I.F.T. HABALT22

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The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized Standard reference	Article of Directive 2014/53/EU	Test report No.
BS IEC 62368-1:2020 + A11:2020	Health and safety - Article 3.1(a)	R2301A0077-L1
BS 50665:2017		R2301A0077-M1V1
BS IEC 62311:2020		
BS 55032:2015 + A11:2020 BS 55035:2017 + A11:2020 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 ETSI EN 301 489-19 V2.2.1 ETSI EN 301 489-52 V1.2.1	Electromagnetic compatibility - Article 3.1(b)	R2301A0077-E1V1
ETSI EN 300 328 V2.2.2	Efficient use of radio spectrum - Article 3.2	R2301A0077-R3
ETSI EN 301 511 V12.5.1		R2301A0077-R1
ETSI EN 301 908-1 V15.1.1		R2301A0077-R2
ETSI EN 301 908-13 V13.1.1		
ETSI EN 303 413 V1.2.1		R2301A0077-R4

The conformity assessment procedure referred to in Article 3.1(a), 3.1(b), and 3.2 and detailed in Annex III Module B of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: Eurofins Electrical and Electronic Testing NA, Inc. Notified Body No: 0980.

Therefore **UK**
CA is placed on the product.

Head of Europe Technical Support Department



Edgardas Zapolskis

EU-Type Examination Certificate No. 2183-2-2023-125350

TELTONIKA TELEMATICS UAB
Sakoniškių st. 9B-1, LT-08105
Vilnius, Lithuania

Registration code 305578349
VAT number LT100013240811

Swedbank AB
LT71 7300 0101 8274 0043
S.W.I.F.T. HABALT22

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To Whom It May Concern**DECLARATION OF CONFORMITY**18th of October, 2023

Vilnius

TELTONIKA TELEMATICS, UAB, with an office at Saltoniskiu st. 9B-1, LT-08105, Vilnius, Lithuania, hereby declare under sole responsibility, that the following equipment with described model numbers: FMB110, FMB120, FMB130, FMC130, FMM130, FMB125, FMM125, FMC125, FMB140, FMB150, FMC150 and FMM150, to which this declaration relates, conform to the relevant parts of the following standard:

IEC 60529:2013 Degrees of protection provided by enclosures (IP code).

Test report number: LCSC09213006K:

- Protection against solid particles larger than 1 mm: 4;
- Protection against dripping water: 1.

Head of Technical Support Division


 **Karolina Kairiene**

TELTONIKA TELEMATICS UAB
Saltoniskiu st. 9B-1, LT-08105
Vilnius, Lithuania

Registration code 305576349
VAT number LT100013240611

Swedbank AB
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EU RoHS Declaration of Conformity

8th of April, 2024

TELTONIKA TELEMATICS, UAB, hereby declare that the object of the declaration described below comply with the Directive 2011/65/EU (RoHS) and all of its amendments (including 2015/863/EU) and do not contain any of the following substances except exempted applications as listed in Table 1.

Object of declaration: TELTONIKA TELEMATICS Fleet Management Terminals and TELTONIKA TELEMATICS Accessories.

This EU RoHS Declaration of Conformity is issued under the sole responsibility of the manufacturer.

List of RoHS restricted substances and maximum concentration values tolerated by weight in homogeneous materials:

Lead (0,1 %)
Mercury (0,1 %)
Cadmium (0,01 %)
Hexavalent chromium (0,1 %)
Butyl benzyl phthalate (BBP) (0,1 %)
Polybrominated biphenyls (PBB) (0,1 %)
Bis(2-ethylhexyl) phthalate (DEHP) (0,1 %)
Polybrominated diphenyl ethers (PBDE) (0,1 %)
Dibutyl and Diisobutyl phthalate (DBP and DIBP) (0,1 %)

Table 1. List of products with exemption for lead (Pb):

Products	Exemption No.
FMB140; FMB150; FMC150; FMM150; LC-CAN200; ALL-CAN300; CAN-CONTROL; ECAN02; FMB240	5, 7a, 7c-I

Projects quality coordinator

 Giedrė Lažauninkaitė

Deputy Head of the Technical Support Division

 Aurimas Adomaitis

UAB TELTONIKA TELEMATICS
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Vilnius, Lithuania

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