

To Whom It May Concern

## EC Declaration of Conformity

23<sup>rd</sup> of May, 2023

Vilnius

### **Declaring Organization: TELTONIKA TELEMATICS, UAB**

Product Name: Fleet Management System  
Product Model Name: FMC125, FMC130  
Product Description: LTE/GNSS/BLE TERMINAL  
Technical description of built in RF module:  
Frequency range:

	<i>T<sub>x</sub></i>	<i>R<sub>x</sub></i>
<b>GSM900:</b>	880 - 915 Mhz	925 - 960 Mhz
<b>GSM1800:</b>	1710 - 1785 Mhz	1805 - 1880 Mhz
<b>WCDMA Band I</b>	1920 – 1980 MHz	2110 – 2170 MHz
<b>WCDMA Band VII</b>	880 – 915 MHz	925 - 960 Mhz
<b>Band LTE FDD 1:</b>	1920 – 1980 MHz	2110 – 2170 MHz
<b>Band LTE FDD 3:</b>	1710 - 1785 Mhz	1805 - 1880 Mhz
<b>Band LTE FDD 7:</b>	2500 – 2570 MHz	2620 – 2690 MHz
<b>Band LTE FDD 8:</b>	880 - 915 Mhz	925 - 960 Mhz
<b>Band LTE FDD 20:</b>	832 – 862 MHz	791 – 821 MHz
<b>Band LTE FDD 28A:</b>	703 – 733 MHz	758 – 788 MHz
<b>BT/BLE</b>	2402 – 2480 MHz	2402 – 2480 MHz
<b>GPS L1</b>		1559 – 1610 Mhz
<b>GLONASS G1</b>		1559 – 1610 Mhz
<b>BDS</b>		1559 – 1610 Mhz
<b>Galileo E1</b>		1559 – 1610 Mhz

Modulation: **GSM/GPRS: GMSK**  
**EGPRS: GMSK, 8PSK**  
**UMTS Band I and VIII: QPSK**  
**Band LTE 1/3/7/8/20/28A: QPSK, 16QAM**  
**BT: GFSK,  $\pi/4$ -DQPSK, 8-DPSK**  
**BLE: GFSK**  
**GPS, GLONASS: BPSK**  
**BDS: QPSK**  
**Galileo: CBOC**

TELTONIKA TELEMATICS UAB  
Saltoniskiu 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.




Transmitted Power: Max. 26,05 dBm  
(GSM900) + 4 dBi antenna  
FMC125 – Max. Antenna 6,78 dBm (BT) – 1,43 dBi antenna  
FMC130 – Max. Antenna 6,92 dBm (BT) – 1,43 dBi antenna  
Hardware Version: R1.0  
Software Version: EC21ECGAR06A02M1G

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

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 62368-1:2014 + A11:2017	Health and safety - Article 3.1(a)	T223-0779/20
EN 62311:2008		R1805A0248-M1 R2002A0082-M1 R2002A0085-M1
EN 303 446-1 V1.2.1 in conjunction with draft EN 301 489-52 V1.1.0	Electromagnetic compatibility - Article 3.1(b)	T251-0887/20
EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.2 EN 301 908-13 V11.1.2 EN 303 413 V1.1.1 EN 300 328 V2.2.2	Efficient use of radio spectrum - Article 3.2	R1805A0248-R1 R1805A0248-R2 R1805A0248-R3 R2002A0082-R2V1 R2002A0085-R2V1 R2002A0082-R1V1 R2002A0085-R1V1 R2002A0082-R3V1 R2002A0085-R3V1

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: SIQ Ljubljana, Tržaška cesta 10, SI-1000 Ljubljana, Slovenia. Notified Body No: 1304.

Thus,  is placed on the product.  
EU-Type Examination Certificate No. 1304-RED-0131.

This declaration of clarification is drawn up in two languages, therefore, in case of discrepancies, the English text will prevail.

Head of Technical Support Division

  
 Karolina Kairiene

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A chi può essere confermato

**Dichiarazione di conformità CE**

23 di maggio 2023

Vilnius

**Azienda dichiarante:** **TELTONIKA TELEMATICS, UAB**  
**Nome del prodotto:** Sistema di gestione della flotta  
**Nome del modello del prodotto:** FMC125, FMC130  
**Descrizione del prodotto:** Terminale LTE/GNSS/BLE  
**Descrizione tecnica del modulo RF integrato:**  
**Intervallo di frequenze:**

	<b><i>T<sub>x</sub></i></b>	<b><i>R<sub>x</sub></i></b>
<b>GSM900:</b>	880 - 915 Mhz	925 - 960 Mhz
<b>GSM1800:</b>	1710 - 1785 Mhz	1805 - 1880 Mhz
<b>WCDMA Banda I</b>	1920 - 1980 MHz	2110 - 2170 MHz
<b>WCDMA Banda VII</b>	880 - 915 MHz	925 - 960 Mhz
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**Modulazione:** **GSM/GPRS: GMSK**  
**EGPRS: GMSK, 8PSK**  
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**BT: GFSK,  $\pi/4$ -DQPSK, 8-DPSK**  
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Potenza trasmessa: Max. 26,05 dBm  
 (GSM900) + 4 dBi antenna  
 FMC125 – Max. Antenna 6,78 dBm (BT) – 1,43 dBi antenna  
 FMC130 – Max. Antenna 6,92 dBm (BT) – 1,43 dBi antenna  
 Versione dell'hardware: R1.0  
 Versione software: EC21ECGAR06A02M1G

TELTONIKA TELEMATICS, UAB dichiara sotto la propria esclusiva responsabilità che il prodotto sopra descritto è conforme alla relativa armonizzazione comunitaria: Direttiva Europea 2014/53/EU (RED).

La conformità ai requisiti essenziali è stata dimostrata rispetto alle seguenti norme armonizzate:

Riferimento standard armonizzato	Articolo della Direttiva 2014/53/UE	Rapporto di prova n
EN 62368-1:2014+A11:2017	Salute e sicurezza - Articolo 3.1(a)	T223-0779/20
EN 62311:2008		R1805A0248-M1 R2002A0082-M1 R2002A0085-M1
EN 303 446-1 V1.2.1 in combinazione con il progetto EN 301 489-52 V1.1.0	Compatibilità elettromagnetica - Articolo 3.1(b)	T251-0887/20
EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.2 EN 301 908-13 V11.1.2 E 303 413 V1.1.1 EN 300 328 V2.2.2	Uso efficiente dello spettro radio - Articolo 3.2	R1805A0248-R1 R1805A0248-R2 R1805A0248-R3 R2002A0082-R2V1 R2002A0085-R2V1 R2002A0082-R1V1 R2002A0085-R1V1 R2002A0082-R3V1 R2002A0085-R3V1

La procedura di valutazione della conformità di cui all'articolo 17 e dettagliata nell'allegato III della direttiva 2014/53/UE è stata seguita con il coinvolgimento del seguente organismo notificato: SIQ Ljubljana, Tržaška cesta 10, SI-1000 Ljubljana, Slovenia. Organismo notificato n.: 1304.

Così, è posizionato sul prodotto.

Certificato di esame UE del tipo n. 1304-RED-0131.

La presente dichiarazione di chiarimento è redatta in due lingue, pertanto, in caso di discrepanze, prevarrà il testo inglese.

Capo del supporto tecnico

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