



Trackunit TU600

Declaration of Conformity - EU RED, UKCA

Manufacturer:

Name: **Trackunit Aps**
 Address: Gasvaerksvej 24 4.sal
 DK-9000 Aalborg, Denmark
 Phone: +45 9673 7400

Declares that the product:

Brand name: **Trackunit**

Type: TU600-5

CE mark:  

Intended use: A GSM/LTE Cat-M1/NB-IoT (Cat-NB1) based fleet management unit with configurable surveillance of up to 4 digital inputs, 1 digital output, GPS position, acceleration sensor and 1-wire, CAN-bus interfaces and optional Bluetooth access interface.
 Variable SIM card interface: 1-SIM or E-SIM.

Complies with the essential requirements of the Directive 2006/42/EC and EU Regulation 167/2013, when used as intended and that the following standards have been applied:

- 1 Emission/Immunity (Forestry and agricultural vehicles and all kinds of mobile agricultural machinery):
 Applied standard(s) EN ISO 14982 Version 2009

Complies with the essential requirements of the UK SI 2016 no. 1091 regulation, 2014/30/EU directive, when used as intended and that the following standards/requirements have been applied:

- 1 Emission/Immunity (Earth movers, tractors and construction machinery):
 Applied standard(s) ISO 14982 Version 2009
ISO 13766-1 Version 2018
EN 13309 Version 2010
EN 12895:2015 + A1:2019 Version 2019
- 2 Fulfils the ESA (Electronic Sub-Assembly) requirements defined in paragraphs 6.5, 6.6, 6.8, and 6.9 of UN ECE R10 revision 05/01 in accordance with EU regulation 661/2009.

Complies with the essential requirements of UK SI 2017 no. 1206 regulation, article 3 of the 2014/53/EU directive (RED), and council recommendation 1999/519/EC, ICNIRP 2020 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz), when used as intended and that the following Harmonized Standards have been applied:

- 1 Safety (Article 3.1.a of the RED Directive)
 Applied standard(s) IEC 62368-1:2014 + AC/3:2015 + A11:2017 {Ed3}-2018
IEC/EN 62311 {Ed1}-2008
IEC/EN 62133 {Ed2}-2012
- 2 Electromagnetic compatibility (Article 3.1.b of the RED directive)
 Applied standard(s) EN 301 489-1 Version 2.2.3
EN 301 489-17 Version 3.2.4
Draft EN 301 489-19 Version 2.2.0
Draft EN 301 489-52 Version 1.1.2



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3 Efficient use of the radio frequency spectrum (Article 3.2 of the RED directive)

	<u>EN 303 413</u>	Version 1.2.1
	<u>EN 300 328</u>	Version 2.2.1
Applied standard(s)	<u>EN 301 511</u>	Version 12.5.1
	<u>TS 151 010-1</u>	Version 12.8.0
	<u>EN 301 908-1</u>	Version 13.1.1
	<u>EN 301 908-2</u>	Version 13.1.1
	<u>EN 301 908-13</u>	Version 13.1.1

4 Environmental IP classification IP67 (Applied on product label)

Applied standard(s)	<u>EN/IEC 60529 + A1 + A2 - CSV</u>	Version 2013
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Complies with the essential requirements of the heavy trucks environmental requirements when mounted together with the Trackunit HW shield and that the following standards have been applied:

1 Environmental (With HW shield and IP classification IP66K, IP69K)

Applied standard(s)	<u>SAE J1455</u>	Version 2012(*1)
	<u>EN/IEC 60529 + A1 + A2 - CSV</u>	Version 2013

Complies with the essential requirements of the UK SI 2012 No. 3032 regulation, 2011/65/EU directive and amendment directive 2015/863/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS 3).

Complies with the essential requirements of the EC 1907/2006 regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Complies with the requirements of the 2012/19/EU directive on waste electrical and electronic equipment (WEEE).



Testing / Notified Body (Reg. no: 0682) conformity and certification assessment performed by CTC Advanced GmbH in EU Type Examination Certificate no. T818625L-02-TEC.

Aalborg, June 14th - 2021

(Place and date)

DocuSigned by:

Niels Boecher Christiansen

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Name: Niels Boecher Christiansen
Hardware Product Manager



This DOC replaces DOC dated Marts-6th - 2020.

*1 The SAE J1455 have been adopted to European environmental standard in the IEC 60068-2-x series. Certain environmental test conditions in SAE J1455 are modified to fit the intended use of the product.