
Declaration of Conformity - EU RED

Manufacturer:

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

Declares that the product:

Brand name: Trackunit
Type: ME501-x, TU501-x where x = [1...13]

CE mark:



Intended use: A GSM/WCDMA 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, RS232 interfaces and an optional I/O board.
Variable SIM card interface: 1-SIM, 2-SIM or E-SIM and variable flash memory size (0.5 MB / 1.0 MB).

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 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 Version 2006
EN 13309 Version 2010
- 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 04 in accordance with EU regulation 661/2009.

Complies with the essential requirements of article 3 of the RED 2014/53/EU directive and council recommendation 1999/519/EC 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 Version 2017
EN 50566 Version 2013
EN 62209-2 Version 2010
- 2 Electromagnetic compatibility (Article 3.1.b of the RED directive)
Applied standard(s) Draft EN 301 489-1 Version 2.2.0
Draft EN 301 489-19 Version 2.1.0
Draft EN 301 489-52 Version 1.1.0

- 3 Efficient use of the radio frequency spectrum (Article 3.2 of the RED directive)
- | | | |
|---------------------|-------------------------|-----------------------|
| Applied standard(s) | <u>EN 303 413</u> | Version <u>1.1.1</u> |
| | <u>EN 301 511</u> | Version <u>12.5.1</u> |
| | <u>EN 301 908-1, -2</u> | Version <u>11.1.1</u> |
- 4 Environmental IP classification IP67 (Applied on product label)
- | | | |
|---------------------|-------------------------------------|---------------------|
| Applied standard(s) | <u>EN/IEC 60529 + A1 + A2 - CSV</u> | Version <u>2013</u> |
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Complies with the essential requirements of the Interoperability of trans-European conventional rail system 2001/16/EC and 2004/50/EC directives, when used as intended and that the following Harmonized and Non-harmonized Standards have been applied:

- 1 Environmental (Equipment on board rolling stock)
- | | | |
|---------------------|-----------------------|---------------------|
| Applied standard(s) | <u>DIN EN 50125-1</u> | Version <u>2014</u> |
| | <u>DIN EN 61373</u> | Version <u>2011</u> |
- 2 Electromagnetic compatibility (Rolling stock - Apparatus)
- | | | |
|---------------------|-------------------------------|---------------------|
| Applied standard(s) | <u>EN 50121-1 + AC:2008</u> | Version <u>2008</u> |
| | <u>EN 50121-3-2 + AC:2008</u> | Version <u>2008</u> |

Complies with the essential requirements of the 2011/65/EC directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS 2).

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 T818230E-01-TEC

Aalborg, April 03 - 2019

(Place and date)



Name: Joergen Raguse, CEO