

# BTSID1 CE / RED

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The **Radio Equipment Directive** (2014/53/EU) ensures a Single Market for radio equipment by setting essential requirements for safety and health, electromagnetic compatibility, and the efficient use of the radio spectrum.



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## Description



It applies to all products using the radio frequency spectrum. It has been applicable since 13 June 2016. A 1-year transitional period between this Directive and the now-repealed Radio and Telecommunication Terminal Equipment (R&TTE) Directive (1999/5/EC) ended on 12 June 2017. As of 13 June 2017 only the new RED is applicable.

Starting with 20 December 2020 only the EN62368-1 will be accepted as a proof of conformity for LVD part of CE RED requirements.

## Standards applied

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

Standard	Article	Description
EN IEC 62368-1:2020+A11:2020 EN 50665:2017 EN IEC 62311:2020	Health and safety - Article 3.1(a)	3.1(a): Radio equipment shall be constructed so as to ensure the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU (LVD), but with no voltage limit applying.
EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 55032:2015+A11:2020 EN 55035:2017+A11:202	Electromagnetic compatibility - Article 3.1(b)	3.1(b): Radio equipment shall be constructed so as to ensure an adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU (EMC).
EN 300 328 V2.2.2	Efficient use of radio spectrum - Article 3.2	3.2: Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Therefore  and  are placed on the product.

### Disclaimer:

*Test reports that are referenced in declarations and certificates can be provided upon request. For the request to be approved, the recipient of the test reports should be a certification authority or certified test house. The recipients will be asked to sign a non-disclosure agreement (NDA).*

# Attachments

TELKOMIKA Telematics

To Whom It May Concern:

**EC Declaration of Conformity**  
 6<sup>th</sup> of January, 2022

Declaring Organisation: **UAB TELKOMIKA TELEMATICS**  
 Product Name: **Plant Management System**  
 Product Model Name: **BTSDP1, BTSDP1**  
 Product Description: **BLE TERMINAL**  
 Technical description of built-in RF module:  
 Frequency range:

BAND	TX	Rx
BLE	From 2402.2400	From 2402.2400

Transmitted Power: **Max. 5.11 dBm (BLE)**  
 Hardware Version: **BTSDP1, BTSDP1\_40**  
 BTSDP1, BTSDP1\_40  
 Software Version: **1.1.0**

The conformity assessment procedure followed in accordance with the relevant Community harmonisation: European Directive 2014/53/EU (RED2019).

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

Harmonised Standard reference	Article of Directive 2014/53/EU	Test report No.
EN IEC 62368-1:2020+A11:2020	Health and safety - Article 3.5(a)	R2105A0008-LV1
EN 60950:2017	Health and safety - Article 3.5(a)	R2105A0008-M0
EN IEC 62311:2020	Electromagnetic compatibility - Article 3.5(b)	R2105A0008-E
EN 301 488-1 V2.2.2	Efficient use of radio spectrum - Article 3.2	R2105A0008-R1
EN 301 488-3 V2.2.2		

The conformity assessment procedure followed in accordance with the relevant Community harmonisation: European Directive 2014/53/EU (RED2019).

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

Thus, is placed on the product.

Chief of Technical Support:

Project Coordinator:

EU Type Examination Certificate No. 0179-0039-001

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EC Declaration of conformity, BTS page 2

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UK Declaration of conformity, BTS page 1

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UK Declaration of conformity, BTS page 2

You can find the PDF version of the EC declaration [here](#).

You can find the PDF version of the UK declaration [here](#).

## External links

[https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/red\\_en](https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/red_en)