



EU DECLARATION OF CONFORMITY

Radio Equipment Directive 2014/53/EU
pursuant to Annex VI

1. Radio equipment (product, type, batch or serial number):

Product Name:	Sensorbee Air Pro 2 Cellular
Model Numbers:	SB8202 (MCERTS variant) / SB8203
Product Description:	Outdoor, fixed-installation ambient environmental monitor; 5–24 V DC supply, < 5 W; integrated LTE-M / NB-IoT radio (Nano SIM), minimum 20 cm separation from persons.
Radio Technology:	LTE-M / NB-IoT (Cat-M1 / Cat-NB1)
Firmware Version:	≥ v3.38 (firmware with MCUboot secure boot chain)
Serial Number Range:	All units bearing model SB8202/SB8203 with firmware ≥ v3.38

2. Name and address of the manufacturer:

Manufacturer:	Sensorbee AB
Organisation Number:	556970-2375
Address:	Jägarvällsvägen 8B, 584 22, Linköping, Sweden
Contact:	hello@sensorbee.com

3. Responsibility statement:

This declaration of conformity is issued under the sole responsibility of the manufacturer, Sensorbee AB.

4. Object of the declaration:

The object of the declaration is the Sensorbee Air Pro 2 Cellular environmental monitoring station, models SB8202 and SB8203, as described in Section 1 above. The product is an IP65-rated outdoor sensor station that measures particulate matter (PM1, PM2.5, PM10, TSP), noise levels, and meteorological parameters. It communicates exclusively via cellular (LTE-M / NB-IoT) uplink to the Sensorbee Cloud platform using DTLS-encrypted LwM2M.

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (Radio Equipment Directive — RED)

Commission Delegated Regulation (EU) 2022/30 supplementing Directive 2014/53/EU with regard to the application of the essential requirements referred to in Article 3(3), points (d), (e) and (f)

Directive 2011/65/EU (RoHS), as amended by (EU) 2015/863 — Restriction of Hazardous Substances

6. References to the relevant harmonised standards used, or references to the other technical specifications in relation to which conformity is declared:

Article 3(1)(a) — Health and Safety:

Standard	Scope
EN IEC 62368-1:2020+A11:2020	Audio/video, information and communication technology equipment — Safety requirements
EN 50665:2017	Generic standard for assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)
EN IEC 62311:2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)

Article 3(1)(b) — Electromagnetic compatibility:

Standard	Scope
ETSI EN 301 489-1 V2.2.3 (2019-11)	EMC standard for radio equipment and services — Part 1: Common technical requirements
ETSI EN 301 489-52 V1.3.1 (2024-11)	EMC standard for radio equipment and services — Part 52: Specific conditions for cellular communication mobile and portable (UE) radio and ancillary equipment

Article 3(2) — Effective and efficient use of radio spectrum:

Standard	Scope
ETSI EN 301 908-1 V15.2.1 (2023-01)	IMT cellular networks — Part 1: Harmonised Standard for access to radio spectrum; Introduction, common requirements and general test configurations
ETSI EN 301 908-13 V13.3.1	IMT cellular networks — Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

Article 3(3)(d) — Protection of the network (Cybersecurity):

Standard	Scope
EN 18031-1:2024	Common security requirements for radio equipment — Part 1: Internet connected radio equipment. Applied. Self-declaration in accordance with Annex II (Module A) of the RED.

Note on EN 18031-2 and EN 18031-3: EN 18031-2:2024 (Article 3(3)(e) — personal data and privacy) and EN 18031-3:2024 (Article 3(3)(f) — financial fraud protection) are **not applicable** to this product. The Sensorbee Air Pro 2 is a professional environmental monitoring device deployed on construction and industrial sites. The design intent of the product is to not process personal data of individuals, child-related data, nor financial or payment transaction data. Article 3(3)(e) and 3(3)(f) of the RED Delegated Act therefore do not apply.

Restriction of Hazardous Substances:

Standard	Scope
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

7. Conformity assessment procedure:

The conformity assessment of the radio equipment identified in Section 1 has been carried out by the manufacturer in accordance with Annex II (Module A — internal production control) of Directive 2014/53/EU.

For the essential requirement of Article 3(3)(d), conformity has been demonstrated by applying EN 18031-1:2024 within its scope for the product configuration(s) described in Section 1. Any applicable limitations/conditions associated with the presumption of conformity (including those referenced in Commission Implementing Decision (EU) 2025/138) have been considered in the technical assessment.

The technical documentation and compliance evidence supporting this assessment are retained in the manufacturer’s technical file (ref: Sensorbee AB EN 18031-1:2024 Compliance Evidence Document, Version 1.0, February 2026) and are available to competent authorities upon request.

8. Additional information:

Security Feature	Implementation
Secure Boot	nRF9160 ROM → MCUboot → Application; ECDSA P-256 signature verified at every boot
Communication Security	DTLS-encrypted LwM2M over CoAPS; AES-128/256-CCM/GCM; mutual PSK authentication
Firmware Updates	OTA via LwM2M Object 5 and USB-C serial; both paths enforce MCUboot ECDSA P-256 signature validation
Credential Management	Per-device unique PSK provisioned at manufacturing; hardware-isolated secure storage (nRF9160 modem); no shared defaults
Physical Security	IP65 sealed enclosure; internal interfaces require tool-based disassembly

Technical documentation is retained by Sensorbee AB and shall be kept available for a period of ten (10) years after the product has been placed on the market, in accordance with Article 10(8) of Directive 2014/53/EU.

9. Declaration:

Sensorbee AB hereby declares that the radio equipment described above — the Sensorbee Air Pro 2 Cellular, models SB8202 and SB8203 — is in conformity with Directive 2014/53/EU, including the essential requirements of Article 3(3)(d) as established by Commission Delegated Regulation (EU) 2022/30, and with Directive 2011/65/EU as amended by (EU) 2015/863.

Signed for and on behalf of:

Sensorbee AB



David Löwenbrand

CEO

Place and date of issue:

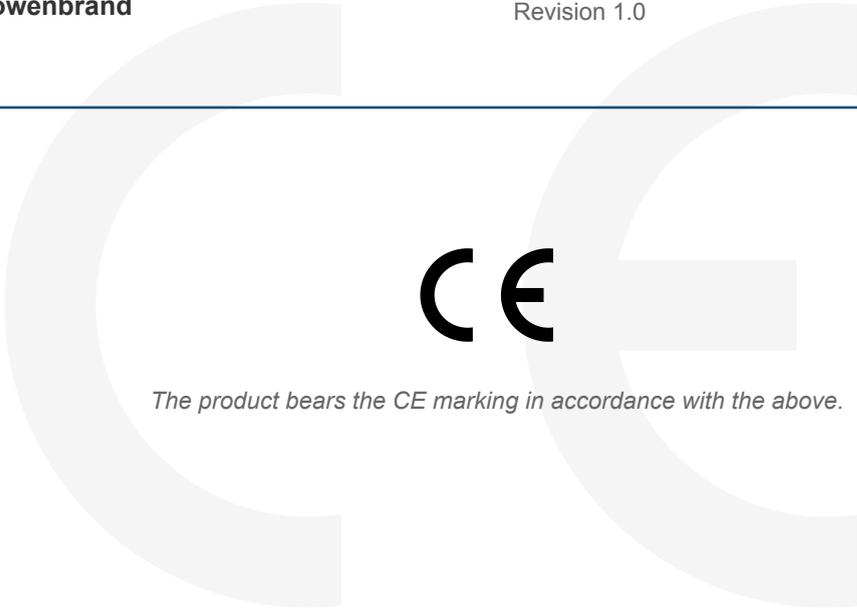
Linköping, Sweden

23 February 2026

Document reference:

SB-DoC-RED-2026-001

Revision 1.0



CE

The product bears the CE marking in accordance with the above.