

EU declaration of conformity

Directive 2014/53/EU (Radio Equipment Directive), Annex VI

1. Radio equipment: MeshSat Compact v2, model MSC-2, serial numbers from MSC2-2026-0001. Declaration MSC-2-DoC-001, edition 1.
2. Name and address of the manufacturer: Elli.Z.G., trading as MeshSat, Floresstraat 17, 2315 HP Leiden, the Netherlands.
3. This declaration of conformity is issued under the sole responsibility of the manufacturer.
4. Object of the declaration: MeshSat Compact v2 (MSC-2), a portable messaging gateway between Meshtastic LoRa (869,4 to 869,65 MHz), Bluetooth Low Energy (2400 to 2483,5 MHz) and the Iridium satellite network (1616 to 1626,5 MHz), with a GNSS receiver. Built from a LILYGO T-Beam Supreme (model T-BEAM-S3) and a Ground Control RockBLOCK 9704-SMA (Iridium Certus 9704 transceiver, part IRID0258A) in a 3D-printed ASA enclosure.
5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: Directive 2014/53/EU and Directive 2011/65/EU.
6. References to the relevant harmonised standards used: ETSI EN 300 328 V2.2.2, ETSI EN 303 413 V1.2.1, ETSI EN 301 441 V2.1.1, ETSI EN 301 489-3 V2.3.2, ETSI EN 301 489-19 V2.2.1 and ETSI EN 301 489-20 V2.2.1, each applied together with ETSI EN 301 489-1 V2.2.3. Other technical specifications in relation to which conformity is declared: ETSI EN 300 220-1 V3.1.1, ETSI EN 300 220-2 V3.2.1, ETSI EN 301 489-17 V3.2.4, EN IEC 62368-1:2020+A11:2020, EN 62368-1:2014, EN IEC 62311:2020, EN 50665:2017; for Article 3(3)(d) and (e), the requirements of EN 18031-1:2024 and EN 18031-2:2024 as assessed by the manufacturer, without presumption of conformity.
7. Notified body: none was involved. Articles 3(1)(a) and 3(1)(b): internal production control (Annex II of Directive 2014/53/EU). Articles 3(2) and 3(3)(d), (e): assessed by the manufacturer as set out in the technical file (sections 6 and 14, Annexes B and C).
8. Accessories and components, including software: Ground Control ACC-HELANT-9704 Iridium antenna; the 868 MHz LoRa antenna supplied by LILYGO; one LG INR18650MJ1 18650 Li-ion cell (or a replacement to the technical file's specification); firmware meshsat-firmware, build meshsat-tbeam-s3-rockblock9704, release as recorded per serial number in the build log.

9. Signed for and on behalf of: Elli.Z.G., trading as MeshSat

Place and date of issue

Leiden, 11/10/2026

Name and function

Elli Zafeiridou Georgiadou, owner

Signature

