EU Declaration of Conformity / EU-Konformitätserklärung

JungleSIM C1H Control Hub

> **DRAFT for review, not yet signed.** This declaration becomes valid only when the manufacturer signs it. Open points before signing are listed in the conformity assessment report C1H-CAR-001.

Item / Angabe	Details
1. Product / Produkt	Radio equipment: terrarium controller with Wi-Fi / Funkanlage: Terrarium-Controller mit WLAN
Type, model / Typ, Modell	JungleSIM C1H Control Hub, model C1H
Hardware / software version	PCB rev 1.4, case rev 1.0 (JLC3DP); firmware build 49 or later (control hub build)
Serial numbers / Seriennummern	C1H-YYMM-NNN (from C1H-2610-001)
2. Manufacturer / Hersteller	JungleVault (Lucas Bohunovsky), Frauenstiftgasse 5/1/11, 1210 Wien, Austria / Österreich, contact@thejunglevault.com

3. This declaration of conformity is issued under the sole responsibility of the manufacturer. / Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.

4. Object of the declaration / Gegenstand der Erklärung: JungleSIM C1H Control Hub, a controller without display or buttons, with a real-time clock (CR2032 backup cell), microSD card slot and the radio module ESP32-S3-WROOM-1 (Espressif Systems), powered with 5 V DC via USB-C.

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: / Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:

- Directive / Richtlinie 2014/53/EU (radio equipment, RED), including Delegated Regulation (EU) 2022/30 (Art. 3(3)(d) and (e))
- Directive / Richtlinie 2011/65/EU and (EU) 2015/863 (RoHS)

6. Harmonised standards and other technical specifications applied / Angewandte harmonisierte Normen und technische Spezifikationen:

Requirement / Anforderung	Standard / Norm
RED Art. 3(1)(a) health and safety	EN IEC 62368-1:2020+A11:2020; EN IEC 62311:2020 (RF exposure, by calculation)
RED Art. 3(1)(b) EMC	ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4
RED Art. 3(2) radio spectrum	ETSI EN 300 328 V2.2.2
RED Art. 3(3)(d), (e) network protection, privacy	EN 18031-1:2024; EN 18031-2:2024
RoHS	EN IEC 63000:2018

7. Conformity assessment procedure / Konformitätsbewertungsverfahren: Internal production control, RED Annex II (Module A). The radio module ESP32-S3-WROOM-1 holds an EU type-examination certificate from Eurofins (notified body 0980, issued 26 January 2022) for ETSI EN 300 328 V2.2.2 and EN IEC 62368-1; the manufacturer relies on it for the radio part as described in C1H-CAR-001.

8. Radio / Funk: Frequency band / Frequenzband 2400-2483.5 MHz (IEEE 802.11 b/g/n, ESP-NOW). Maximum radio-frequency power transmitted / maximale Sendeleistung: 20 dBm e.i.r.p.

9. Accessories, software / Zubehör, Software: USB-C cable. Firmware JungleSIM control hub (screen module firmware, environment control_hub), build 49 or later, updated over the air.

10. Additional information / Zusatzangaben: The product contains a CR2032 lithium coin cell (Regulation (EU) 2023/1542). Technical documentation kept by the manufacturer for 10 years after the last unit is placed on

the market.

Signed for and on behalf of / Unterzeichnet für und im Namen von: JungleVault

Item / Angabe	Details
Place, date / Ort, Datum	Wien, _____
Name, function / Name, Funktion	Lucas Bohunovsky, owner / Inhaber
Signature / Unterschrift	_____

Revisions

Rev	Date	Changes
1	2026-10-24	First issue. Draft, not yet signed.