



CONFORMITY ASSESSMENT MODULE A OF RED



Radio Equipment Directive 2014/53/EU – Annex II

**Certification No.** : WTH24H01024272W  
**Applicant (Holder)** : IGEN Tech Co., Ltd.  
**Address** : Building H4, No. 6 Jingxian Road, Xinwu District, Wuxi City, Jiangsu Province  
**Manufacturer** : IGEN Tech Co., Ltd.  
**Address** : Building H4, No. 6 Jingxian Road, Xinwu District, Wuxi City, Jiangsu Province  
**Product** : Stick Logger (Ethernet)  
**Trade Mark** : N/A  
**Model(s)** : LSE-4W  
**Rating** : Input: DC 5V-12V

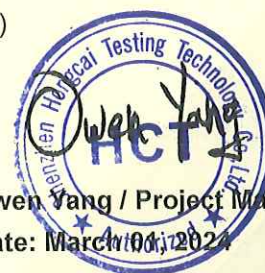
In accordance with Article 26 of the Council **Directive 2014/53/EU** of 16 April 2014, certifies that this equipment has been found to comply with the Essential Requirements relating to the design and construction of radio equipment given in Article 3 to the Directive.

**Compliance with the Essential Requirements**

Article 3.1a): Health and Safety : **Yes**  
 Article 3.1b): Electromagnetic Compatibility : **Yes**  
 Article 3.2: Effective Use of Radio Spectrum : **Yes**

**CE Marking**

Marking Example (meet Article 19&20 of **Directive 2014/53/EU**)



Owen Yang / Project Manager  
 Date: March 04, 2024

The statement is based on a single evaluation of the sample of above mentioned product(s). It does not imply an assessment of the whole production.

Shenzhen Hongcai Testing Technology Co., Ltd.

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## CONFORMITY ASSESSMENT MODULE A OF RED

**WALTEK**  
TESTING-CERTIFICATION-INSPECTION

### Technical Description

**Type of Modulation** : 2.4GHz WIFI: DSSS for 802.11b  
OFDM for 802.11g/802.11n(HT20)  
Bluetooth: GFSK

**Transmitted Power** : 2.4G WIFI: 17.08dBm(EIRP)  
Bluetooth: -1.63dBm(EIRP)

**Hardware Version** : LSE-4B31413-VH1.0.1(2023-06-23)

**Software Version** : LSE4\_V100\_R270A01

### Technical Construction File (TCF)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> <b>User Manual</b>   | <input checked="" type="checkbox"/> <b>Operational Description</b> |
| <input checked="" type="checkbox"/> <b>Block Diagram</b> | <input checked="" type="checkbox"/> <b>Circuit Diagram</b>         |
| <input checked="" type="checkbox"/> <b>Parts list</b>    | <input checked="" type="checkbox"/> <b>PCB-layout</b>              |

Note: The manufacturer shall establish the technical documentation in accordance with Article 21 of 2014/53/EU.

### Applied Standard and Test Reports

#### Article 3.1a): Health and Safety (Conform)

EN IEC 62311:2020  
EN 50665:2017  
EN 62368-1:2014+A11:2017

#### Test Laboratory

Shenzhen Hongcai Testing  
Technology Co., Ltd.  
Shenzhen Hongcai Testing  
Technology Co., Ltd.

#### Test Report Number

WTH24H01024272W004  
WTH24H01023724S

#### Article 3.1b) Electromagnetic Compatibility (Conform)

ETSI EN 301 489-1 V2.2.3 (2019-11)  
ETSI EN 301 489-17 V3.2.4 (2020-09)

Shenzhen Hongcai Testing  
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WTH24H01024272W003

#### Article 3.2: Effective Use of Radio Spectrum (Conform)

ETSI EN 300 328 V2.2.2 (2019-07)

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WTH24H01024272W001  
WTH24H01024272W002

Note: The compliance assessment uses harmonized standards where possible, Application of

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TESTING-CERTIFICATION-INSPECTION

harmonised and "target to be harmonized" standards, the test suite for each product ensures compliance with the normative requirements of harmonized standards, and Notified body review of Art 3.1a, 3.1b and 3.2 compliance.

### **EU declaration of conformity**

(Refer to the Declaration Letter from manufacturer.)

Note: The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it together with the technical documentation at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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