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Certificate of Radio Equipment in JAPAN 201-230373 / 00



Issued 26 July 2023

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This certificate has THREE Annexes

Kiwa Nederland B.V., operating as Japan Conformity Assessment Body (CAB ID Number: 201), according procedure RD_740, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description:	SenseCAP Card Tracker
Trademark:	Seeed Studio
Type designation:	T1000-A
Hardware / Software:	1.2 / V1.8
Variants:	See Annex 3
Manufacturer:	Seeed Technology Co., Ltd.
Address:	9F, Building G3, TCL International E city, Shuguang Community, Xili street, Nanshan
City:	Shenzhen
Country:	P.R. China
This certificate is granted to:	
Name:	Seeed Technology Co., Ltd.
Address:	9F, G3 Building, TCL International E City, Zhongshanyuan Road, Nanshan District
City:	Shenzhen, Guangdong
Country:	P.R. China

Ron Scheepers
Managing director



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[https://www.kiwa.com/nl/en/markets/
radio-wireless-and-electrical-
equipment/](https://www.kiwa.com/nl/en/markets/radio-wireless-and-electrical-equipment/)

Chamber of commerce
08090048

- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



R 201-230373

Remarks and observations

The following conditions are applicable:

Antennas for Bluetooth: Ceramic antenna, max gain of 2.09 dBi at 2.4 GHz,
Antennas for LoRa: PCB antenna, max gain of -0.45 dBi at 920 MHz Band.

Documentation lodged for this type-examination

Test Reports:

- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2340627-601, 25 July 2023
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2340627-602, 20 July 2023

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual
- Production quality
- Test setup photos

Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions

Chapter II, Transmitting equipment

Chapter III, Receiving Equipment

Chapter IV, section 4.11 article 49.14

Chapter IV, section 4.17 article 49.20

Radio equipment specified in:

Item 19, Paragraph 1, Article 2

Item 8, Paragraph 1, Article 2

Technical features and characteristics

The product includes the following features and characteristics:

900 MHz digital equipment

- Operating frequency range: 920.6-928.0 MHz (38 channels)
- ITU designation: F1D
- Maximum output power: 10.00 mW rated

900 MHz digital equipment

- Operating frequency range: 920.7-927.9 MHz (37 channels)
- ITU designation: F1D
- Maximum output power: 10.00 mW rated

Bluetooth LE_1M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: F1D
- Maximum output power: 4.000 mW rated

Bluetooth LE_2M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: F1D
- Maximum output power: 4.000 mW rated

The product as described in this Certificate includes the following type designations:

- Product description: SenseCAP Card Tracker
- Trademark: Seeed Studio
- Type designation: T1000-A
- Hardware version: 1.2
- Software version: V1.8

- Product description: SenseCAP Card Tracker
- Trademark: Seeed Studio
- Type designation: T1000-B
- Hardware version: 1.2
- Software version: V1.8

- Product description: SenseCAP Card Tracker
- Trademark: Seeed Studio
- Type designation: T1000-C
- Hardware version: 1.2
- Software version: V1.8

- Product description: SenseCAP Card Tracker
- Trademark: Seeed Studio
- Type designation: T1000-D
- Hardware version: 1.2
- Software version: V1.8