

CERTIFICATE



CERTIFICATE Of Conformity

Directive 2014/53/EU

On The Radio Equipment Directive

Certificate No.: AT18230EC001311

Certificate Holder: Makeblock Co., Ltd.

Address: 4th Floor, Building C3, Nanshan iPark, No.1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong Province, 518057, China

Manufacturer: Makeblock Co., Ltd.

Address: 4th Floor, Building C3, Nanshan iPark, No.1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong Province, 518057, China

Product Name: mBot Ranger

Model No.: MBR-K01-01

makeblock

Trade Mark:

Rating(s) : Input: DC 9V

| The radio equipment meets the following essential requirements | | Complied |
|--|---|----------|
| Article 3(1)(a) ■ Safety | EN 62368-1:2014+A11:2017 | Yes |
| Article 3(1)(a) ■ Health | EN 62479: 2010 EN 50663: 2017 | Yes |
| Article 3(1)(b) ■ EMC | ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.1.1 (2017-02) | Yes |
| Article 3(2) ■ Radio | ETSI EN 300 328 V2.2.2 (2019-07) | Yes |

Note: The attached Annex forms part of this certificate which consists of 2 pages.

Mar. 05, 2020

Date



Certified by

Kingkong Jin

Kingkong Jin
Manager



The CE Marking may only be used if all relevant and effective EU Directives are complied with

Shenzhen Anbotek Compliance Laboratory Limited

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128

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**Annex
of RED Certificate
Certificate Number: AT18230EC001121**

| Product Specifications | |
|-------------------------|---------------|
| Frequency Range: | 2402-2480MHz |
| RF Output Power (EIRP): | 6.20 dBm Max. |
| Modulation: | GFSK |
| Max. Antenna Gain: | 3.5 dBi |
| Type of Antenna: | PCB Antenna |

Technical Documentation Identification

| Test Report | |
|-----------------------------|------------------|
| Article 3(1)(a) ■ Safety | 18230EC00131102S |
| Article 3(1)(a) ■ Health | 18230EC00131103H |
| Article 3(1)(b) ■ EMC | 18230EC00131101E |
| Article 3(2) ■ Radio | 18230EC00131104W |

Notes:

1. The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in compliance with the requirements of article 3 of the Radio Equipment Directive 2014/53/EU. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to article 18 of the Directive.
2. The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the certificate and satisfies the applicable requirement of the Directive.
3. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it 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 type 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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