

CERTIFICATE Of Conformity Directive 2014/53/EU On The Radio Equipment Directive

Certificate No.: AT18220WC202896
Certificate Holder: EDA Technology Shanghai Co.,Ltd
Address: Room 301, Building 24, Shengchuang Enterprise Park, No.1661 Jialuo Road, Jiading District, Shanghai, PRC
Manufacturer: EDA Technology Shanghai Co.,Ltd
Address: Room 301, Building 24, Shengchuang Enterprise Park, No.1661 Jialuo Road, Jiading District, Shanghai, PRC
Product Name: CM4 Sensing
Model No.: ED-CM4SEN, ED-CM4SEN-PJ, ED-CM4SEN-PT
Trade Mark: 

Rating: Input: 9-28V ---2A
 USB1/USB2 output: 5.0VDC, 0.5A

The radio equipment meets the following essential requirements		Complied
Article 3(1)(a) ■ Safety	EN IEC 62368-1:2020+A11:2020	Yes
Article 3(1)(a) ■ Health	EN IEC 62311: 2020	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) ETSI EN 301 489-17 V3.2.4 (2020-09) ETSI EN 301 489-52 V1.2.1 (2021-11) EN 55032: 2015+A11: 2020; EN 55035: 2017+A11: 2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3: 2013+A1:2019+A2:2021	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 893 V2.1.1 (2017-05) ETSI EN 300 440 V2.2.1 (2018-07) ETSI EN301 511 V12.5.1(2017-03) ETSI EN 301 908-1 V15.2.1 (2023-01) ETSI EN 301 908-2 V13.1.1 (2020-06) ETSI EN 301 908-13 V13.2.1 (2022-02)	Yes

Note: The attached Annex forms part of this certificate which consists of 3 pages.

Apr. 13, 2023
Date



Certified by



Kingkong Jin



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



Shenzhen Anbotech Compliance Laboratory Limited

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

Tel: (86)755-26066440
 Http://www.anbotech.com

Fax: (86)755-26014772
 Email: service@anbotech.com





**Annex
of RED Certificate
Certificate Number: AT18220WC202896**

Product Specifications	
Frequency Range:	BT: 2402~2480MHz WiFi 2.4G: 2412~2472MHz Wi-Fi 5.2G: 5150~5250MHz Wi-Fi 5.3G: 5250~5350MHz Wi-Fi 5.6G: 5470~5725MHz Wi-Fi 5.8G: 5725~5850MHz GSM900: 880-915MHz DCS1800: 1710-1785MHz WCDMA Band I: 1920-1980 MHz WCDMA Band VIII: 880-915MHz LTE Band1: 1920~1980 MHz(TX); 2110~2170 MHz(RX) LTE Band3: 1710~1785 MHz(TX); 1805~1880 MHz(RX) LTE Band7: 2500~2570 MHz(TX); 2620~2690 MHz(RX) LTE Band8: 880~915 MHz(TX); 925~960 MHz(RX) LTE Band20: 832~862 MHz(TX); 791~821 MHz(RX) LTE Band28: 703-748 MHz(TX); 758-803 MHz(RX) LTE Band38: 2570~2620 MHz(TX/RX) LTE Band40: 2300~2400 MHz(TX/RX)
Maximum Output Power:	BT BDR&EDR : -0.11dBm Max BT BLE: 5.99 dBm Max. WiFi 2.4G: 18.78 dBm Max. Wi-Fi 5.2G: 14.75 dBm Max. Wi-Fi 5.3G: 16.83 dBm Max. Wi-Fi 5.6G: 17.17 dBm Max. Wi-Fi 5.8G: 9.47 dBm Max. GSM900: 31.23 dBm Max. DCS1800: 23.93 dBm Max. WCDMA Band I: 23.11 dBm Max. WCDMA Band VIII: 23.70 dBm Max. LTE Band1: 22.52dBm Max. LTE Band3: 22.33 dBm Max. LTE Band7: 22.01 dBm Max. LTE Band8: 23.67 dBm Max. LTE Band20:23.60 dBm Max. LTE Band28: 22.99 dBm Max. LTE Band38: 21.99 dBm Max. LTE Band40: 22.04 dBm Max.
Modulation:	BT BDR&EDR:GFSK, $\pi/4$ -DQPSK, 8-DPSK BT BLE: GFSK WiFi 2.4G: DSSS, OFDM Wi-Fi 5G: OFDM, OFDMA GSM: GMSK, 8PSK WCDMA: QPSK, 16QAM LTE: QPSK, 16QAM
Max. Antenna Gain:	BT/WiFi: 2 dBi (Provided by customer) GSM: 2 dBi (Provided by customer) WCDMA: 2 dBi (Provided by customer) LTE Band 1/3/7/8/20/28/38/40: 2 dBi (Provided by customer)
Type of Antenna:	External Antenna

Test Report

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.

Fax: (86)755-26014772
Email: service@anbotek.com