

# CERTIFICATE

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

**Certificate No.:** AT18220WC300326  
**Certificate Holder:** Automation Technologies LLC  
**Address:** Kazakhstan, Astana, Turan 11  
**Manufacturer:** Automation Technologies LLC  
**Address:** Kazakhstan, Astana, Turan 11  
**Product Name:** Wiren Board 7 - Versatile programmable automation controller  
**Model No.:** Wiren Board 7  
**Trade Mark:** Wiren Board  
**Rating:** Input: 9-48V==

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 IEC 62311: 2020	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.1.1 (2019-03) 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	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 300 220-1 V3.1.1 (2017-02) ETSI EN 300 220-2 V3.2.1 (2018-06) ETSI EN 301 908-1 V15.1.1 (2021-09) ETSI EN 301 908-13 V13.1.1 (2019-11)	Yes

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

Mar. 08, 2023  
Date



Certified by

Kingkong Jin



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



**Shenzhen Anbotek Compliance Laboratory Limited**

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**Annex  
of RED Certificate  
Certificate Number: AT18220WC300326**

Product Specifications	
Frequency Range:	BT BLE: 2402~2480MHz WiFi 2.4G: 2412~2472MHz Z-Wave: 868.42MHz, 869.85MHz Zigbee: 2405~2480MHz 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 Band38: 2570~2620 MHz(TX); 2570~2620 MHz(RX) LTE Band40: 2300~2400 MHz(TX); 2300~2400 MHz(RX)
Maximum Output Power:	BT BLE: 9.45 dBm Max. WiFi 2.4G: 17.88 dBm Max. Z-Wave: -1.514 dBm Max. Zigbee: 8.59 dBm Max. LTE Band1: 23.84 dBm Max. LTE Band3: 23.46 dBm Max. LTE Band7: 23.72 dBm Max. LTE Band8: 23.89 dBm Max. LTE Band20: 24.02 dBm Max. LTE Band38: 23.17 dBm Max. LTE Band40: 23.17 dBm Max.
Modulation:	BT BLE: GFSK WiFi 2.4G: DSSS, OFDM Z-Wave: GFSK Zigbee: GFSK LTE: QPSK, 16QAM
Max. Antenna Gain:	BT BLE: 3 dBi (Provided by customer) WiFi 2.4G: 3 dBi (Provided by customer) Z-Wave: 3 dBi (Provided by customer) Zigbee: 3 dBi (Provided by customer) LTE Band 1/3/7/8/20/38/40: 3 dBi (Provided by customer)
Type of Antenna:	External Antenna

**Technical Documentation Identification**

Test Report	
Article 3(1)(a) ■ Safety	18220WC30032602S
Article 3(1)(a) ■ Health	18220WC30032603H
Article 3(1)(b) ■ EMC	18220WC30032601E
Article 3(2) ■ Radio	18220WC30032604W, 18220WC30032605W, 18220WC30032606W, 18220WC30032607W, 18220WC30032608W, 18220WC30032609W



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**Anbotek**

Product Safety

## 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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