



# Declaration of Conformity

Manufacturer's Name: **Lascar Electronics Limited**  
Manufacturer's Address: **Module House, Whiteparish  
Salisbury, Wiltshire, SP5 2SJ  
United Kingdom**

Declares that the Product: **EL-IOT-CO2**

Conforms to the following standards: **IEC 61010-1:2010**

(Safety) **IEC61010-1:2010+A1:2016,  
EN61010-1:2010+A1:2019,  
BS EN 61010-1:2010+A1:2019,  
EN 62311**

(Electromagnetic fields with regard to human exposure)

(Harmonic Current Emissions) **EN IEC 61000-3-2:2019+A1:2021**

(Voltage Changes, Fluctuations and Flicker) **EN 61000-3-3:2013+A1:2019+A2:2021**

Restriction of Hazardous Substances (RoHS) **2011/65/EU & (EU) 2015/863**

CE-RED **EN301489-1 V2.2.3, EN301489-17 V3.2.4,  
EN300328 V2.2.2**

Electromagnetic Interference measurement **FCC 47CFR Part 15: 2018 and ANSI C63.4:2014  
for SDoC**

*This product follows the provisions of the Directives listed below:*

(EMC) 2014/30/EU (By conformance with the standards referenced)  
(Radio Equipment) 2014/53/EU (By conformance with the standards referenced)  
(Low Voltage) 2014/35/EU  
(RoHS) 2011/65/EU  
(EMF) 2013/35/EU

Country of Origin: **China**

*This declaration of conformity is issued under the sole responsibility of Lascar Electronics Limited.*

A handwritten signature in black ink, appearing to read 'Richard Cameron'.

**Richard Cameron**  
Director

**14<sup>th</sup> July 2022 Issue 1**



## **Regulatory information: EU**

### **Frequency Bands and Power**

#### **European Union, United Kingdom**

Data given here is the maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

#### **Frequency**

WiFi 2400-2483 MHz

#### **Power**

Max 16 dBm

## **FCC Requirements for Operation in the United States**

### **FCC Information to User**

This product does not contain any user serviceable components. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals, and could void the user's authority to operate this equipment.

### **FCC Guidelines for Human Exposure**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

### **FCC Declaration of Conformity**

We, Lascar Electronics Limited, Module House, Whiteparish Salisbury, Wiltshire, SP5 2SJ United Kingdom, declare under our sole responsibility that the WiFi product range complies with Part 15 Subpart B of FCC CFR47 Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.