CERTIFICATE

Number: 232340107/AA/00

Issue Date: 26 June 2023

Expiration Date:

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UKCA TYPE EXAMINATION CERTIFICATE (Module B)

In compliance with the procedure specified in M009, Kiwa Ltd. declares as approved body for UKCA 0558 for the Radio Equipment Regulations 2017, that the stated product, complies with the essential requirements, in accordance with part 2 (chapter 1) of Radio Equipment Regulations, as indicated under Annex 1 of this certificate, based on the applicable Technical Standards and Specifications as listed under Annex 2 of this Certificate.

Product description:	**10.1 in. Wireless Touch Screen**
Trademark:	**Crestron Electronics, Inc.**
Type designation:	**M202215001**
Variants:	**See Annex 3**

This certificate is granted to manufacturer:

Name:	**Crestron Electronics, Inc.**
Address:	**15 Volvo Drive, Rockleigh, NJ 07647**
City:	**Rockleigh NJ 07647**
Country:	**USA**

This certificate remains valid as long as the stated product stays in compliance with the essential requirements of the Radio Equipment Regulations 2017.

This certificate has THREE Annexes.

Signed on behalf of Kiwa Ltd.
(UK Approved Body Number 0558)

Mark Chung
Product Assessor

UKCA

UKAS PRODUCT CERTIFICATION
0217

Kiwa Gastec
Kiwa House
Malvern View Business Park
Stella Way
Bishops Cleeve
Cheltenham
GL52 7DQ
United Kingdom
T +44 (0)1242 677877
F +44 (0)1242 676506
www.kiwa.co.uk

Annex 1 to certificate 232340107/AA/00

General Conditions

For each product to which this type examination relates, it has complied to the essential requirements as follows:

Article 6.1

Radio equipment shall be constructed so as to ensure:

C	(a)	the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in the Electrical Equipment (Safety) Regulations 2016,
C	(b)	an adequate level of electromagnetic compatibility as set out in the Electromagnetic Compatibility Regulations 2016.

Article 6.2

C	Radio equipment must be constructed so that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Legend

C	=	Conform
NC	=	Not Conform
NA	=	Not applicable (for this equipment)
NP	=	Not performed (in this statement)

Annex 1 to certificate 232340107/AA/00

- This UKCA-type examination certificate is limited to the Radio Equipment Regulations.
- This UKCA-type examination certificate is part of the Conformity Assessment procedure Modules B and C, as described in annex III of the Radio Equipment Regulations.
- The validity of this UKCA type examination certificate is limited to products, which are equal to the one(s) assessed for this type Examination.
- The manufacturer has to draw up and issue a self Declaration of Conformity, declaring that the product(s) described in this UKCA-type examination certificate, are in compliance with Radio Equipment Regulations 2017 and any other applicable harmonization legislation.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa Ltd. shall be notified immediately. Depending on the modifications, Kiwa Ltd. may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending regulation voids the validity of this UKCA-type examination certificate.
- In case any referenced standard in this UKCA-type examination certificate is withdrawn or superseded and the presumption of conformity with the essential requirements has ceased, investigation by Kiwa Ltd. is needed to determine the validity of this type examination.

Remarks and observations

The following conditions are applicable:

Model differnce: Market purpose.
VLP: Very Low Power device.
Device supports MIMO function.
Maximum reported SAR value (10g) Body: 0.57 W/kg @ 0 mm.
Device is restricted to indoor use only when operating within 5150-5250 MHz frequency range.

Annex 2 to certificate 232340107/AA/00

Documentation lodged for this type examination

Test Reports:

- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: CEBEZH-WTW-P23010321, 08 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: REBEZH-WTW-P23010321, 19 June 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: REBEZH-WTW-P23010321-1, 29 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: REBEZH-WTW-P23010321-2, 29 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: REBEZH-WTW-P23010321-3, 29 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: REBEZH-WTW-P23010321-4, 29 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: REBEZH-WTW-P23010321-5, 29 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: RMBEZH-WTW-P23010321, 08 May 2023
- Bureau Veritas CPS (H.K.) Limited, Taoyuan Branch: SEBEZH-WTW-P23010321, 29 May 2023
- TÜV SÜD Asia Ltd. Taiwan Branch: 081-230126-000, 23 May 2023

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Label and label placement
- Test setup photos
- Risk assessment
- Packaging information

Technical Standards and Specifications

The product is compliant with:

Draft EN 303 687	March, 2023	V1.1.0
EN 300 328	July, 2019	V2.2.2
EN 300 440	March, 2017	V2.1.1
EN 301 489-1	November, 2019	V2.2.3
EN 301 489-17	September , 2020	V3.2.4
EN 301 893	May, 2017	V2.1.1
EN 50566	October, 2017	
EN 55032:2015+A11:2020	March, 2020	
EN 55035:2017+A11:2020	May, 2020	
EN 61000-3-3/A1	August, 2019	
EN 61000-3-3:2013/A2:2021	2021,	
EN 62209-2:2010+A1:2019	July, 2019	
EN IEC 61000-3-2:2019+A1:2021		
EN IEC 62368-1:2020+A11:2020	March, 2020	
EN IEC/IEEE 62209-1528:2021	November, 2021	
IEC 62209-2:2010/AMD1:2019	May, 2019	
IEC 62368-1	October, 2018	Ed. 3.0

Technical features and characteristics

Annex 2 to certificate 232340107/AA/00

The product includes the following features and characteristics:

Bluetooth
- Operating frequency range: 2402-2480 MHz (79 channels)
- Maximum output power: 9.82 dBm EIRP average (calculated)
- Maximum antenna gain: 2.78 dBi

Bluetooth LE
- Operating frequency range: 2402-2480 MHz (40 channels)
- Maximum output power: 9.79 dBm EIRP average (calculated)
- Maximum antenna gain: 2.78 dBi

IEEE 802.11b/g/n/ax (20/40 MHz)
- Operating frequency range: 2412-2472 MHz (13/9 channels)
- Maximum output power: 19.75 dBm EIRP average (calculated)
- Maximum antenna gain: 2.78 dBi

IEEE 802.11a/n/ac/ax (20/40/80 MHz)
- Operating frequency range: 5180-5240 MHz (4/2/1 channels)
- Maximum output power: 21.42 dBm EIRP average (calculated)
- Maximum antenna gain: 4.08 dBi

SRD Equipment
- Operating frequency range: 5745-5825 MHz (5/2/1 channels)
- Maximum output power: 13.84 dBm EIRP average (calculated)
- Maximum antenna gain: 4.08 dBi

IEEE 802.11a/n/ac/ax (20/40/80/160 MHz)
- Operating frequency range: 5945-6425 MHz (24/12/6/3 channels)
- Maximum output power: 13.97 dBm EIRP average (calculated)
- Maximum antenna gain: 4.63 dBi

Annex 3 to certificate 232340107/AA/00

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

- Product description: 10.1 in. Wireless Touch Screen
- Trademark: Crestron Electronics, Inc.
- Type designation: M202215001

- Product description: 10.1 in. Wireless Touch Screen
- Trademark: Crestron Electronics, Inc.
- Type designation: TST-1080