

RS261

Regulatory Information

v1.0

The RS261 holds current certifications in the following countries:

Country/Region	Regulatory ID
UK (UKCA)	*No Regulatory ID required
EU	*No Regulatory ID required

*Indicates countries where Ezurio has conducted testing and evaluation in accordance with local regulatory requirements; however, a regulatory ID is not available for OEM use. Comprehensive test reports and other relevant documentation can be accessed on the Ezurio website.

1 Certified Antennas

The antennas listed below were tested for use with the RS261. The OEM can choose a different manufacturer's antenna but must make sure it is of same type and that the gain is less than or equal to the antenna that is approved for use.*

***Note:** Japan (MIC) lists applicable antennas on its certificates. If your antenna is not on the approved list, regardless of whether it is comparative, it must be added to the certificate before it can be used in Japan.

Manufacturer	Model	Part #	Type	Connector	Frequency Range	Peak Gain (dBi)
Ezurio	RS1261 PCB Antenna	N/A	PCBA Monopole Loaded Stub "L"	N/A	863-870MHz	-1.26
Ezurio	Lyra24S PCB Trace Antenna	N/A	PCB Trace Antenna	N/A	2.402 GHz - 2.480 GHz	1.8

2 Documentation Requirements

To ensure regulatory compliance, when integrating the RS261 into a host device, it is necessary to meet the documentation requirements set forth by the applicable regulatory agencies. The following sections outline the information that may be included in the user's guide and external labels for the host devices into which the RS261 is integrated.

3 UK (UKCA)

3.1 UKCA Declaration of Conformity

RS261

Manufacturer	Ezurio
Products	Sentrius™ RS261 Sensor
Model(s)	RS261-EXT, RS261-INT
Product Description	Temperature and Humidity Sensor with LoRA and BLE v5.4
Software Version	Canvas Firmware Version 2.0.1+1741811551 or later
UK Legislation	Radio Equipment Regulations 2017 Electromagnetic Compatibility Regulations 2016 Electrical Equipment (Safety) Regulations 2016



Reference standards used for conformity:

Legislation	Requirement	Reference standard(s)	
Safety	Low voltage equipment safety	EN 62368-1: 2014, EN 62368-1: 2018, IEC / EN 62368-1:2020+A11:2020	
	RF Exposure	EN 62311:2020, BS EN 62479:2010, BS EN 50663:2017	
EMC	Protection requirements – Electromagnetic compatibility	EN 301 489-1 v2.2.3 (2019-11)	
		EN 301 489-3 v2.3.2 (2023-01)	
		EN 301 489-17 v3.2.4 (2020-09)	
Radio Equipment	Means of the efficient use of the radio frequency spectrum (ERM)	EN 300 328 v2.2.2 (2019-07)	Wide-band transmission systems
		EN 300 220-2 v3.2.1 (2018-06)	Short Range Devices (SRD) 25 to 1000MHz

Declaration:

We, Ezurio, declare under our sole responsibility that the essential test suites have been carried out and that the above product to which this declaration relates is in conformity with all the applicable requirements outlined above, when used for its intended purpose.

The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 21 cm.

Place of Issue:	Ezurio W66N220 Commerce Court, Cedarburg, WI 53012 USA tel: +1-262-375-4400 fax: +1-262-364-2649
Date of Issue:	August 20, 2025
Name of Authorized Person:	Brian Petted, Technology Leader
Signature of Authorized Person:	

4 EU Regulatory

The RS261 was tested for compliance with relevant standards for the EU market.

4.1 Antenna Information

Manufacturer	Model	Part #	Type	Connector	Frequency Range	Peak Gain (dBi)
Ezurio	RS1261 PCB Antenna	N/A	PCBA Monopole Loaded Stub "L"	N/A	863-870MHz	-1.26
Ezurio	Lyra24S PCB Trace Antenna	N/A	PCB Trace Antenna	N/A	2.402 GHz - 2.480 GHz	1.8

User's Guide Requirements

This device complies with the essential requirements of the 2014/53/EU – Radio Equipment Directive (RED). The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the 2014/53/EU – Radio Equipment Directive (RED):

Standard	Description
IEC/EN 62368-1: 2018	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC/EN 62368-1: 2020 + A11:2020	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC/EN 62311:2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
IEC/EN 62232:2017	Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure
ICNIRP:2020	Guidelines for Limiting Exposure to Electromagnetic Fields (100kHz to 300 GHz)
EN 301 489-1 v2.2.3 (2019-11)	Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
EN 301 489-3 v2.3.2 (2023-01)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard for ElectroMagnetic Compatibility
EN 301 489-17 v3.2.4 (2020-09)	Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
EN 300 328 v2.2.2 (2019-07)	Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
EN 300 220-2 v3.2.1 (2018-06)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment
EU 2015/863 (RoHS 3)	Declaration of Compliance – EU Directive 2015/863; Reduction of Hazardous Substances (RoHS)

This device is a 2.4 GHz BLE radio and 863-870 MHz LoRaWAN (transceiver), intended for use in all EU member states and EFTA countries.

български [Bulgarian]	С настоящото [име на производителя] декларира, че това устройство [вид оборудване] е в съответствие със съществените изисквания и други приложими разпоредби на Директиви 2014/53/EC
Hrvatski [Croatian]	[naziv proizvođača] ovim putem izjavljuje da je ovaj uređaj [vrsta opreme] sukladan osnovnim zahtjevima i ostalim bitnim odredbama Direktiva 2014/53/EU
Česky [Czech]	[Jméno výrobce] tímto prohlašuje, že tento [typ zařízení] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.
Dansk [Danish]	Undertegnede [fabrikantens navn] erklærer herved, at følgende udstyr [udstyrets typebetegnelse] overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.
Deutsch [German]	Hiermit erkläre [Name des Herstellers], dass sich das Gerät [Gerätetyp] in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.
Eesti [Estonian]	Käesolevaga kinnitab [tootja nimi] seadme [seadme tüüp] vastavust direktiivi 2014/53/EL põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, [name of manufacturer], declares that this [type of equipment] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
Español [Spanish]	Por medio de la presente [nombre del fabricante] declara que el [clase de equipo] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/UE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [όνομα του κατασκευαστή] ΔΗΛΩΝΕΙ ΟΤΙ [εξοπλισμού] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/ΕΕ.
Français [French]	Par la présente [nom du fabricant] déclare que l'appareil [type d'appareil] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/UE.
Íslenska [Icelandic]	Hér, [Nafn framleiðanda], því yfir að þetta [gerð búnaðar] tæki er í samræmi við grunnkröfur og önnur viðeigandi ákvæði tilskipana 2014/53/ESB
Italiano [Italian]	Con la presente [nome del costruttore] dichiara che questo [tipo di apparecchio] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/UE.
Latviešu valoda [Latvian]	Ar šo [izgatavotājanosaukums] deklarē, ka [iekārtas tips] atbilst Direktīvas 2014/53/ES būtiskajām prasībām un citiemar to saistītajiem noteikumiem.
Lietuvių kalba [Lithuanian]	Šiuo [gamintojo pavadinimas] deklaruoją, kad šis [įrangos tipas] atitinka esminius reikalavimus ir kitas 2014/53/ES Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart [naam van de fabrikant] dat het toestel [type van toestel] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.
Malti [Maltese]	Hawn hekk, [isem tal-manifattur], jiddikjara li dan [il-mudel tal-prodott] jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn rilevanti li hemm fid-Dirrettiva 2014/53/UE.
Magyar [Hungarian]	Alulírott, [gyártó neve] nyilatkozom, hogy a [...] típus] megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.
Norsk [Norwegian]	Herved [navnet på produsenten], erklærer at denne [type utstyr] enheten, er i samsvar med de grunnleggende kravene og andre relevante bestemmelser i direktivene 2014/53/EU
Polski [Polish]	Niniejszym [nazwa producenta] oświadczam, że [nazwa wyrobu] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53/UE.
Português [Portuguese]	[Nome do fabricante] declara que este [tipo de equipamento] está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/UE.
Română [Romanian]	Prin prezenta, [numele producătorului] declară că acest dispozitiv [tipul de echipament] este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE
Slovenščina [Slovenian]	[Ime proizvajalca] izjavlja, da je ta [tip opreme] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/EU.
Slovenčina [Slovak]	[Menovýrobcu] týmto vyhlasuje, že [typzariadenia] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EU.
Suomi [Finnish]	[Valmistaja] vakuuttaa täten että [laitteen tyyppimerkintä] tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar [företag] att denna [utrustningstyp] står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.

5 EU Declarations of Conformity

Manufacturer	Ezurio
Products	Sentrius™ RS261 Sensor
Model(s)	RS261-EXT, RS261-INT
Product Description	Temperature and Humidity Sensor with LoRA and BLE v5.4
Software Version	Canvas Firmware Version 2.0.1+1741811551 or later
EU Directives	2014/53/EU – Radio Equipment Directive (RED) 2011/65/EU – Restriction of Hazardous Substances (RoHS)



Reference standards used for presumption of conformity:

Legislation	Requirement	Reference standard(s)	
3.1a	Low voltage equipment safety	IEC 62368-1: 2018, IEC / EN 62368-1:2020+A11:2020	
	RF Exposure	IEC 62311:2019, IEC 62232:2017, ICNIRP:2020	
3.1b	Protection requirements – Electromagnetic compatibility	EN 301 489-1 v2.2.3 (2019-11) EN 301 489-3 v2.3.2 (2023-01) EN 301 489-17 v3.2.4 (2020-09)	
3.2	Means of the efficient use of the radio frequency spectrum (ERM)	EN 300 328 v2.2.2 (2019-07)	Wide-band transmission systems
		EN 300 220-2 v3.2.1 (2018-06)	Short Range Devices (SRD) 25 to 1000MHz
3.3d	Internet-connected radio equipment	EN 18031-1: 2024	Part 1: Internet Connected Radio Equipment

Declaration:

We, Ezurio, declare under our sole responsibility that the essential radio test suites have been carried out and that the above product to which this declaration relates is in conformity with all the applicable essential requirements of Article 3 of the EU Radio Equipment Directive 2014/53/EU, when used for its intended purpose.

Cybersecurity Requirements under Article 3.3(e), and (f):

Ezurio has determined that cybersecurity requirements outlined in these Articles are not applicable to this product and therefore were not tested.

The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 21 cm.

Place of Issue:

Ezurio LLC
W66N220 Commerce Court, Cedarburg, WI 53012 USA
tel: +1-262-375-4400 fax: +1-262-364-2649

Date of Issue:

August 20, 2025

Name of Authorized Person:

Brian Petted, Technology Leader

Signature of Authorized Person:



6 Regulatory Domain Support

Domain support but not currently certified for – TBD

7 Revision History

Version	Date	Notes	Contributor(s)	Approver
1.0	20 Aug 2025	Initial version	Tom Smith	Brian Petted

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