

EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer.

1 Product Description

Designation	Model	Application
iVolve Edge Router	Nexis LX1	The product is specifically intended for installation in non-road mobile machinery used in mining and quarrying.

Conforms to the requirements of the following EU Directives:

2 Conformity with EU Directives

The undersigned manufacturer hereby declares that the product identified in this Declaration complies with the essential requirements and relevant provisions of the following European Union Directives and Legislations:

2.1- Directive 2014/53/EU - Radio Equipment Directive (RED)

The Radio Equipment Directive (2014/53/EU) establishes a harmonised framework for placing radio equipment on the EU market, ensuring safety, electromagnetic compatibility, and efficient use of the radio spectrum.

2.2- Directive 2011/65/EU and Delegated Directive (EU) 2015/863 - Restriction of Hazardous Substances (RoHS)

Ensures compliance with restrictions on the use of certain hazardous substances in electrical and electronic equipment, subject to applicable exemptions and thresholds in accordance with Annexes III and IV of the Directive.

2.3- Regulation (EU) 2023/1542 – EU Battery Regulation

Ensures that batteries placed on the EU market meet sustainability, safety, and circular economy requirements throughout their life cycle. It regulates the sourcing of raw materials, carbon footprint, performance, replaceability, and end-of-life management, including recycling and reuse.

3 Compliance Matrix: Items vs. EU Directives and Standards

The items covered by this Declaration are listed below, together with the corresponding EU Directives and Standards.

No	Description	EU Directives	Harmonised Standards
1	iVolve Edge Router Nexis LX1	2014/53/EU Article 3.1a): Health and Safety	EN IEC 62368-1:2020 + A11:2020 EN IEC 62311:2020 EN 50665:2017
		2014/53/EU Article 3.1b): Electromagnetic Compatibility	EN IEC 61000-6-2:2019 EN IEC 61000-6-4:2019 EN IEC 61000-3-2:2019+A2:2024 EN 61000-3-3:2013+A2:2021 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 V3.3.1 (2024-09) ETSI EN 301 489-19 V2.2.1 (2022-09) ETSI EN 301 489-52 V1.3.1 (2024-11)
		2014/53 (RED) Article 3.2: Efficient use of Radio Spectrum	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 511 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 301 908-1 V15.2.1 (2023-01) ETSI EN 301 908-13 V13.2.1 (2022-02) ETSI EN 303 413 V1.2.1 (2021-04) ETSI EN 301 893 V2.1.1 (2017-05)
		2023/1542 (Battery)	Compliant according to the manufacturer declaration document.
		2011/65 & 2015/863 (RoHS)	Compliant according to the manufacturer declaration document.

3.1- RoHS Exempt

Non-road mobile machineries used in mining and quarrying are exempt from the scope of Directive 2011/65/EU (RoHS) under Article 2(4)(g), which excludes non-road mobile machinery made available exclusively for professional use. This exemption applies to equipment such as excavators, drilling rigs, and haul trucks used in mining and quarrying operations, as these machines are not intended for road use and are deployed solely in industrial environments. As a result, such machinery is not subject to the substance restrictions outlined in the RoHS Directive.

4 Compliance Documentation

All manufacturer compliance documents, test reports, and other relevant regulatory certifications support regulatory conformity and are available to customers and stakeholders upon request. Where applicable, documentation includes details on exemptions, material content, and any items identified as non-compliant with relevant directives. This ensures transparency and traceability in the selection and use of components within the system.



5 Declaration and Signature

I hereby declare that the products listed in this Declaration conform to all applicable Essential Requirements of the relevant European Union Directives, including those required for CE marking.

iVolve confirms that the products have been assessed against the applicable harmonized standards, as detailed in the subsequent sections of this document.

Signed for and on behalf of: iVolve Pty Ltd



Kim Parascos
CEO
iVolve Pty Ltd

