



## Nokia WiFi Beacon 24 | WiFi Safety and Regulatory Information

### LEGAL

Terms of service, privacy policy and limited warranty for the Nokia WiFi Beacon (a "Product") can be found at [www.nokia.com/wifi/legal/](http://www.nokia.com/wifi/legal/).

### SAFETY GUIDELINES

ALWAYS READ THE NOKIA WIFI USER GUIDE BEFORE SET UP OR USE OF THE PRODUCT. IT IS YOUR RESPONSIBILITY TO FAMILIARIZE YOURSELF WITH THE PRODUCT REFERENCE GUIDE, THE ONLINE USER GUIDE AND WARNINGS, AND TO USE A PRODUCT PROPERLY. USER INSTRUCTIONS CAN BE FOUND AT [WW.NOKIA.COM/WIFI/SUPPORT/USER-GUIDE/](http://WW.NOKIA.COM/WIFI/SUPPORT/USER-GUIDE/). PLEASE CONTACT YOUR SERVICE PROVIDER FOR CUSTOMIZED USE CASES.

#### Warning - Risk of electric shock or fire

Connect the Product power adaptor or cord to the right supply voltage applicable in your country.

Pay attention to the power load of the electrical outlet and possible extension cord. An overburdened power outlet or damaged cords and plugs may cause electric shock or fire. Check the power cords regularly. If you find any damage, replace the cord immediately.

Do not connect the plug into an extension cord, receptacle, or other outlet unless the plug can be fully inserted with no part of the blades exposed.

Leave adequate space for heat dissipation to avoid any damage caused by overheating the Product. Do not cover the Product or its ventilation holes. Blocking the ventilation holes may cause fire.

Use the power adapter provided with your Product and do not fasten the power cable to building surfaces. Ensure the cable can move freely. Do not place heavy objects on the cable.

Do not use the Product outside, and make sure all the connections are indoors.

Do not install, use, or service this Product during a thunderstorm. There is a remote risk of electric shock from lightning.

The standby power consumption of the device is 12.5W.

#### Caution - Potential equipment damage

Follow these recommendations to protect yourself and the Product from harm:

Do not insert any sharp object into the openings of a Product.

Do not put a Product near a heat source. Avoid placing the Product in direct sunlight.

Do not put the Product in damp or wet locations; for example, near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool. Do not spill any liquid on the Product.

Do not touch the Product or its power adapter or cord with wet hands.

Do not place the Product on an unstable surface or support.

Do not place heavy objects on top of the Products.

Do not use liquid or aerosol cleaners; unplug the Product and use a soft, dry cloth for cleaning.

When connecting a PC or other electronic device to a Product, make sure you use the right cables and connect the device to the right port of the Product. Incorrect connections may damage the device and/or the Product.

Do not open or try to open the Product. Opening or removing covers can expose you to dangerous high voltage points or other risks.

It is recommended that users and other individuals maintain a distance of at least 10 cm between themselves and the Product to avoid exposure. The Product contains components that emit an electromagnetic field and could interfere with pacemakers or other electronic medical devices. If you have a pacemaker or other implantable or personal medical device, please consult your physician or medical device manufacture about the required minimum safe distance between the Product and your medical device.

If the Product malfunctions or fails to perform as expected, stop using it immediately.

### ENVIRONMENTAL AND REGULATORY REQUIREMENTS

#### For EU/EAA Countries

The Products are manufactured by Nokia

Solutions and Networks Oy and Imported by  
Nokia Solutions and Networks Oy, Karakaari 7,  
02160 Espoo, Finland

Nokia is a registered trademark of Nokia  
Corporation

### **EU RoHS (Restriction of Hazardous Substances Directive)**

Restriction of the Use of Certain Hazardous  
Substances in Electrical and Electronic  
Equipment (2011/65/EU).

Nokia Solutions and Networks Oy declares that  
the Nokia WiFi Beacon 24 is in compliance with  
Radio Equipment Directive 2014/53/EU; Low  
Voltage Directive 2014/35/EU; EMC; Directive  
2014/30/EU; Directive RoHS 2011/65/EU; and  
Directive Eco-design 2009/125/EC.

For more information please go to [www.nokia.com/wifi/legal/regulatory/](http://www.nokia.com/wifi/legal/regulatory/).

### **End of Life Collection and Treatment**

In the European Union and European Economic  
Area, this label indicates that this product  
should not be disposed of with household  
waste. It should be deposited in an appropriate  
facility to enable recovery and recycling.



The Product is marked with this  
symbol, which is known as the  
WEEE mark. WEEE stands for Waste  
Electronics and Electrical Equipment.

Electronic products bearing or referencing  
the WEEE mark shown above, when put on  
the market within the European Union (EU)  
and European Economic Area (EEA), shall be  
collected and treated at the end of their useful  
life, in compliance with applicable EU and  
local legislation. They shall not be disposed  
of as part of unsorted municipal waste. Due  
to materials that may be contained in the  
Product, such as heavy metals or batteries,  
the environment and human health may be  
negatively impacted as a result of inappropriate  
disposal.

At the end of their life, the Products are  
subject to the applicable local legislations  
that implement the European Directive  
2012/19/EU on WEEE. There can be different  
requirements for collection and treatment  
in different member states of the European

Union. In compliance with legal requirements  
and contractual agreements, where applicable,  
Nokia will offer to provide for the collection and  
treatment of Products bearing the logo above at  
the end of their useful life, or Products displaced  
by Nokia equipment offers. The equipment can  
be disposed at electronic waste collection points  
or to stores that sell electronics.

For information regarding take-back of  
equipment by Nokia, or for more information  
regarding the requirements for recycling/disposal  
of the Product, please contact [wifi.care@nokia.com](mailto:wifi.care@nokia.com). Regulatory compliance information,  
including EU Declaration of Conformity, can be  
found at [www.nokia.com/wifi/legal/regulatory/](http://www.nokia.com/wifi/legal/regulatory/).

### **Simplified EU Declaration of Conformity**



Hereby, Nokia Solutions and Networks Oy  
declares that the Nokia WiFi Beacon 24 is  
in compliance with Radio Equipment

Directive 2014/53/EU; Low Voltage Directive  
2014/35/EU; EMC Directive 2014/30/EU and  
Directive RoHS 2011/65/EU. The full text of the  
EU declaration of conformity, as well as additional  
compliance information, is available at [www.nokia.com/wifi/legal/regulatory/](http://www.nokia.com/wifi/legal/regulatory/). Products are for  
indoor use only.

In accordance with Article 10.8(a) and 10.8(b) of  
the RED, the following tables provide information  
on the frequency bands used and the maximum  
radio frequency transmit power of the Products  
for sale in the EU and other countries of sale:

<b>Radio Frequency</b>	<b>Maximum Transmit Power</b>
2400 – 2483.5 MHz	100mW EIRP
5150 – 5350 MHz	200mW EIRP
5470 – 5725 MHz	1W EIRP
5925 – 6425 MHz	200mW EIRP

### **Specific precautions for EMC Warning**

The Products are compliant with Class B of  
EN 55032. In a residential environment this  
equipment may cause radio interference. The

Products are tested to the requirements of EN 55032 (Emissions) and EN 55035 (immunity).

There are no specific precautions which must be taken in order to comply with the requirements of Directive 2014/30/EU Essential Requirements in Section 1 of Annex I. In addition, the Products are further tested to ensure spurious emissions are within the specified limits, as well as meeting the requirements for adaptivity, which mitigates against problems caused by co-location with other wireless products. The Products are not subject to the requirements in Section 2 of Annex I of Directive 2014/30/EU for fixed installations.

#### **For Products Purchased in UK**



The Products are Imported by  
Nokia UK, 3

Sheldon Square, Paddington, London,  
W2 6PR

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Hereby, Nokia declares that the Product is in compliance with Radio Equipment Regulations 2017; Electrical Equipment (Safety) Regulations 2016; Electromagnetic Compatibility Regulations

2016, The Ecodesign for Energy-related Products Regulations 2010 and The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. The full text of the UK declaration of conformity, as well as additional compliance information, is available at [www.nokia.com/wifi/legal/regulatory](http://www.nokia.com/wifi/legal/regulatory)

Products are for indoor use only.

#### **For Products Purchased in the United States/ Canada**

The Products are Imported by Nokia Of America Corporation

2301 Sugar Bush Rd., Raleigh, NC 27612, United States

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This device complies with part 15 of the U.S. FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
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- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Operation shall be limited to indoor use only.

Operation on oil platform, automobiles, trains, maritime vessels and aircraft shall be prohibited except for on large aircraft flying above 3,048 m (10,000 ft).

#### **No Unauthorized Modifications:**

Do not make any changes or modifications to the Product without the prior express written approval of Nokia. Any changes or modifications made without express written approval could void the user's authority to operate the device.

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

The Product complies with FCC radiation exposure limits set forth for an uncontrolled environment. The Product should be installed and operated with minimum distance of 31cm between the radiator and your body.

#### **FCC Information to User**

The Product does not contain any user serviceable components and is to be used with

approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

The Product and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

Operation of transmitters in the 5.925-7125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

#### **Innovation, Science and Economic Development Canada license-exempt Radio Standards Specification (RSS) statement**

This device complies with Innovation, Science and Economic Development Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

To satisfy ISED RF exposure requirements, a separation distance of 31 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to cochannel mobile satellite systems.

For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit.

For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate.

Where applicable, antenna type(s), antenna models, and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 (RSS-247) shall be clearly indicated.

Devices shall not be used for control of or

communications with unmanned aircraft systems.

#### **Déclaration de conformité au Cahier des charges sur les normes radioélectriques (CNR) d'Innovation, Sciences et Développement économique Canada applicables aux appareils exempts de licence**

Cet appareil exempt de licence est conforme aux CNR d'Innovation, Science et Développement économique Canada. Son utilisation est soumise aux deux conditions suivantes: (1) Cet appareil ne doit pas produire d'interférences; et (2) Cet appareil doit accepter tout type d'interférences, notamment les interférences pouvant provoquer une utilisation non désirée de l'appareil.

Pour répondre aux normes d'exposition aux RF d'ISDE, une distance de séparation de 31 cm ou plus doit être maintenue entre l'antenne de cet appareil et toute personne pendant son fonctionnement. Pour garantir la conformité, toute utilisation à une distance inférieure est déconseillée.

Cet appareil désigné pour la bande 5150-5250 MHz est réservé à une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Pour les appareils dotés d'une ou plusieurs antennes amovibles et situés dans les bandes 5250-5350 MHz et 5470-5725 MHz, le gain d'antenne maximal autorisé pour les appareils doit être conforme à la limite de PIRE.

Pour les appareils dotés d'une ou plusieurs antennes amovibles et situés dans la bande 5725-5850 MHz, le gain d'antenne maximal autorisé doit être conforme à la limite de PIRE.

Si nécessaire, le(s) type(s) d'antenne, les modèles d'antenne et le(s) pire(s) angle(s) d'inclinaison nécessaire(s) pour rester conforme à l'exigence de PIRE applicable au masque d'élévation, énoncée à la section 6.2.2.3 (CNR-247), doivent être clairement indiqués.

Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes.

#### **For Products Purchased in Australia and New Zealand**



The Product is marked with the Regulatory Compliance Mark

shown above. This device is compliant with AS/NZS 62368.1:2018 – Audio/ video, information and communication technology equipment - Part 1: Safety requirements AS/NZS 3820:2020 – Essential safety requirements for electrical equipment, AS/NZS CISPR32:2015 - Electromagnetic compatibility, AS/NZS 4268:2017 - WiFi (short distance RF communications) and AS/NZS 2772.2:2016 - RF Exposure.

The power adaptor for the device is certified and registered in the Electrical Equipment Safety System (EESS) national database that can be freely searched for and viewed by any member of the public at <https://equipment.era.gov.au/Registration/>

For more information please go to <https://www.nokia.com/networks/fixed-networks/regulatory/>

The Products are for indoor use only.

For product support, please go to [www.nokia.com/wifi/support](http://www.nokia.com/wifi/support) or contact your Service Provider.

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