SN5X

Sensing Network Appliance

Regulatory Guide
Warranty

For the complete Zebra hardware product warranty statement, go to: http://www.zebra.com/warranty.

Service Information

If you have a problem using the equipment, contact your facility’s Technical or Systems Support. If there is a problem with the equipment, they will contact the Zebra Support at: http://www.zebra.com/support.

For the latest version of this guide go to: http://www.zebra.com/support.
Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following Model Numbers: SN5501, SN5503, SN5504, SN5501E9, SN5403, SN5403E9, SN5404, SN5404E9.

For other model numbers not listed above, please refer to Addendum A supplied as a separate sheet with the product.

Portions of this guide are applicable to the specific component modules used in these products and are written to cover all available options at the time of printing.

All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required.

Local language translations are available at the following website: www.zebra.com/support.

Any changes or modifications to Zebra equipment not expressly approved by Zebra could void the user’s authority to operate the equipment.

Zebra devices are professionally installed — the Radio Frequency Output Power will not exceed the maximum allowable limit for the country of operation.

Caution:

Declared maximum operating temperature: 30°C.

Radio Modules

The device contains approved radio module(s). These modules are identified below.

- RFID module, 21-199765-01, FCC ID: UZ7219976501
Wireless Devices Country Approvals

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use in the following countries and continents: United States, Canada, Japan, China, South Korea, Australia, and Europe.

Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at: http://www.zebra.com/doc.

**NOTE** Europe includes Austria, Belgium, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

⚠️ **CAUTION** Operation of the device without regulatory approval is illegal.

Health and Safety Recommendations

Warnings for Use of Wireless Devices

⚠️ **CAUTION** Please observe all warning notices with regard to the usage of wireless devices.

**Safety in Hospitals**

Wireless devices transmit radio frequency energy and may affect medical electrical equipment. When installed adjacent to other equipment, it is advised to verify that the adjacent equipment is not adversely affected.

⚠️ **RF Exposure Guidelines**

**Safety Information**

*Reducing RF Exposure - Use Properly*

Only operate the device in accordance with the instructions supplied.
International

The device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices. For information on “International” human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at http://www.zebra.com/doc.

Europe

Remote and Standalone Antenna Configurations

To comply with EU RF exposure requirements, antennas that are mounted externally at remote locations or operating near users at stand-alone desktop or similar configurations must operate with a minimum separation distance of 20 cm from all persons.

US and Canada

Co-located Statement

To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already approved in this filing.

To satisfy US and Canadian RF exposure requirements, a transmitting device must operate with a minimum separation distance of 20 cm or more from a person's body.

Pour satisfaire aux exigences Américaines et Canadiennes d'exposition aux radio fréquences, un dispositif de transmission doit fonctionner avec une distance de séparation minimale de 20 cm ou plus de corps d'une personne.

Remote and Standalone Antenna Configurations

To comply with FCC RF exposure requirements, antennas that are mounted externally at remote locations or operating near users at stand-alone desktop or similar configurations must operate with a minimum separation distance of 20 cm from all persons.

Radio Frequency Interference Requirements - FCC

This device complies with Part 15 of the 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.
Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Radio Frequency Interference Requirements - Canada

Innovation, Science and Economic Development Canada ICES-003
Compliance Label: CAN ICES-3 (A)/NMB-3(A)

Radio Transmitters

This device complies with Industry Canada's licence-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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed below and having a maximum gain allowable and the impedance required for each type of antenna. The antenna types not included in this list, or whose gain is higher than the maximum gain indicates, are strictly prohibited for the operation of the transmitter.

Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Patch 7.43 dBi 50 ohms
Marking and European Economic Area (EEA)

Class A ITE

WARNING: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directives, 2014/53/EU and 2011/65/EU.

The use of RFID devices in 915 to 921 MHz operating band within EEA is not fully harmonized and restrictions may apply. Please refer to Appendix A of the Declaration of Conformity (DoC) for details.

The full text of the EU Declaration of Conformity is available at the following internet address: http://www.zebra.com/doc.

Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Zebra for recycling. For information on how to return product, please go to: www.zebra.com/weee.


Regulatory Guide


Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Zebra για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση www.zebra.com/weee στο Διαδίκτυο.

Български: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Zebra за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: www.zebra.com/weee.

TURKISH WEEE Statement of Compliance

EEE Yönetmeliğine Uygundur