

Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following model numbers:

- ZT411
- ZT421

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 translation / (BG) Превод на местен език / (CZ) Překlad do místního jazyka / (DE) Übersetzung in die Landessprache / (EL) Μετάφραση τοπικής γλώσσας / (ES) Traducción de idiomas locales / (ET) Kohaliku keele tõlge / (FI) Paikallinen käännös / (FR) Traduction en langue locale / (HR) Prijevod na lokalni jezik / (HU) Helyi nyelvű fordítás / (IT) Traduzione in lingua locale / (JA) 現地語翻訳 / (KR) 현지 언어 번역 / (LT) Vietinės kalbos vertimas / (LV) Tulkojums vietējā valodā / (NL) Vertaling in lokale taal / (PL) Tłumaczenie na język lokalny / (PT) Tradução do idioma local / (RO) Traducere în limba locală / (RU) Перевод на местный язык / (SK) Preklad do miestneho jazyka / (SL) Prevajanje v lokalni jezik / (SR) Превод на локални језик / (SV) Översättning av lokalt språk / (TR) Yerel dil çevirisi / (ZH-CN) 当地语言翻译 / (ZH-TW) 當地語言翻譯

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.

Declared maximum operating temperature: 40°C.

Bluetooth® Wireless Technology

This is an approved Bluetooth® product. For more information on the Bluetooth SIG listing, please visit bluetooth.com.

Regulatory Markings

Regulatory markings subject to certification are applied to the device. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DoC is available at: zebra.com/doc.

Important Safeguards

- Read these instructions carefully.
- Keep these instructions for later reference.
- All caution and warnings should be followed.
- For indoor use only.
- For use with ITE information technology equipment.
- Do not defeat the safety purpose of the grounding-type plug. Use the supplied power supply cord only in combination with an earthed socket outlet.
- The socket outlet should be located near the equipment and be easily accessible.

- Protect the power cord from being walked on or pinched.
- Users should not open the equipment due to the risk of electrical shock.
- Protect equipment from humidity.
- Disconnect equipment from the socket-outlet before cleaning.
- Do not use any liquid or an aerosol cleaner. Use only a dampened cloth.
- Equipment should be placed on a reliable surface. A drop or fall could cause damage.
- If the equipment is not used for a long time, disconnect the equipment from the socket-outlet to avoid being damaged by voltage transients.
- The maximum operating altitude is 5000 m.
- An approved power cord greater or equal to H03VV-F, 3G, 0.75² must be used.

Product information for COMMISSION REGULATION (EU 2019/1782):

- Input voltage: 100-240 VAC
- Input AC frequency: 50-60 Hz
- Input current: 5A (Max.)

Health and Safety Recommendations

This section provides important health and safety recommendations.

RF Exposure Guidelines



CAUTION: Important Safety Information

Reducing RF Exposure – Use Properly

Only operate the device in accordance with the instructions supplied.

The device complies with internationally recognized standards covering human exposure to electromagnetic fields. For information on international human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at zebra.com/doc.

Use only Zebra-tested and approved headsets, belt clips, holsters, and similar accessories to ensure RF exposure compliance. If applicable, follow the instructions for use as detailed in the accessory guide.

The use of third-party belt clips, holsters, and similar accessories may not comply with RF exposure compliance requirements and should be avoided.

For further information on the safety of RF energy from wireless devices, refer to RF exposure and assessment standards section at zebra.com/responsibility.

To satisfy RF exposure requirements, this device must operate with a minimum separation distance of 20 cm or more from a user's body and nearby persons.

CE Marking and European Economic Area (EEA)

Statement of Compliance

Zebra hereby declares that this radio equipment complies with Directives 2014/53/EU and 2011/65/EU.

Appendix A of the EU Declaration of Conformity identifies any radio operation limitations within EEA countries. The full text of the EU Declaration of Conformity is available at zebra.com/doc.

Environmental Compliance

For compliance declarations, recycling information, and materials used for products and packaging, please go to zebra.com/environment.

EU Importer: Zebra Technologies B.V

Address: Mercurius 12, 8448 GX Heerenveen, Netherlands

Waste Electrical and Electronic Equipment (WEEE)

For EU and UK Customers: For products at the end of their life, refer to recycling/disposal advice at zebra.com/weee.

United States and Canada Regulatory

Radio Frequency Interference Notices

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 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.
- 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.

Radio Frequency Interference Requirements – Canada

This device complies with Innovation, Science and Economic Development 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.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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 device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range.

Lorsqu'il fonctionne dans la plage de fréquences 5150–5350 MHz, cet appareil doit être utilisé exclusivement en extérieur.

This radio transmitter 3798B-WYSBHVDXP, FXLAN11AC has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list and having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio 3798B-WYSBHVDXP, FXLAN11AC a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés cidessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur

Antenna 1 ID: Wi-Fi tri-band antenna

Dipole: 3 dBi @ 2.4 GHz, 5 dBi @ 5 GHz, 50 ohms

RF Exposure Requirements - FCC and ISED

The FCC has granted Equipment Authorization for this device with all reported SAR levels evaluated in compliance with the FCC RF emission guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of [fcc.gov/oet/ea/fccid](https://www.fcc.gov/oet/ea/fccid).

To satisfy RF exposure requirements, this device must operate with a minimum separation distance of 20 cm or more from a user's body and nearby persons.

Pour satisfaire aux exigences d'exposition aux radio fréquences, cet appareil doit fonctionner avec une distance de séparation minimale de 20 cm ou plus de corps d'une personne.

Co-located Statement

To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must not be co-located (within 20 cm (7.87 in.)) or operating in conjunction with any other transmitter/ antenna except those already approved in this filing.

Brasil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Incorpora produto homologado pela Anatel sob número 05308-24-08726 (WYSBHVDXP), 09383-21-05041 (RE40), 08735-17-05041 (ZBRZQ3BT), 03059-13-08108 (M6e-micro), 00586-16-01530 (WYSBHVGXG).

Este equipamento deve ser conectado obrigatoriamente em tomada de rede de energia elétrica que possua aterramento (três pinos), conforme a Norma de instalações elétricas ABNT NBR 5410, visando a segurança dos usuários contra choques elétricos.

中国

通过访问以下网址可下载当地语言支持的产品说明书 zebra.com/support。



产品中有害物质的名称及含量

有害物质	部件名称 (Parts)							
	金属部件 (Metal Parts)	电路模块 (Circuit Modules)	电缆及电缆组件 (Cables and Cable Assemblies)	塑料和聚合物部件 (Plastic and Polymeric Parts)	光学和光学组件 (Optics and Optical Components)	电池 (Batteries)	打印头 (Print Heads)	外部电源 (Ext. Pwr. Supply)
铅 (Pb)	X	X	X	X	X	X	X	X
O: 表示该有害物质在该部件所有均质材料中的含量不超出电器电子产品有害物质限制使用国家标准要求。 X: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。 This table was created to comply with China RoHS requirements.								

Евразийский Таможенный Союз (EAC)

Данный продукт соответствует требованиям знака EAC.



México

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.

Este equipo ha sido diseñado para operar con las antenas que enseguida se enlistan y para una ganancia máxima de antena de 3 dBi @ 2.4 GHz, 5 dBi @ 5 GHz. El uso con este equipo de antenas no incluidas en esta lista o que tengan una ganancia mayor que 3 dBi @ 2.4 GHz, 5 dBi @ 5 GHz quedan prohibidas. La impedancia requerida de la antena es de 50 ohms.

المغرب



MR 21295 ANRT 2019, MR 21296 ANRT 2019

Singapore

End-users are required to obtain a site license from the Infocomm Media Development Authority ("IMDA") to operate RFID equipment in Singapore such as Zebra fixed and mobile RFID readers. For further information on this licensing requirement and the application process, end-users may contact IMDA (Tel: 6211 0647).

한국

제품 정보, 자세한 사용 설명서 등은 zebra.com 에서 확인할 수 있습니다.
R-R-ZTC-ZT4X
전자파흡수율

臺灣

低功率射頻器材技術規範
取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。
前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。
應避免影響附近雷達系統之操作
公司資訊
台灣斑馬科技股份有限公司 / 台北市信義區松高路9號13樓

限用物質含有情況標示聲明書

設備名稱 (印表機)			型號 (型式) ZT411 / ZT421			
單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr+6)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
印刷電路板及電子組件	—	O	O	O	O	O
金屬零件	—	O	O	O	O	O
電纜及電纜組件	—	O	O	O	O	O
塑料和聚合物零件	—	O	O	O	O	O
光學與光學元件—	—	O	O	O	O	O
打印頭	—	O	O	O	O	O
備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。 備考2. “O” 係指該項限用物質之百分比含量未超出百分比含量基準值。 備考3. “—” 係指該項限用物質為排除項目。 Note 1: “Exceeding 0.1 wt%” and “exceeding 0.01 wt%” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. Note 2: “O” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. Note 3: The “—” indicates that the restricted substance corresponds to the exemption.						

Türkiye

TÜRK WEEE Uyumluluk Beyanı

EEE Yönetmeliğine Uygundur.

ประเทศไทย

เครื่องวิทยุคมนาคมนี้มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าสอดคล้องตาม
มาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคมที่คณะกรรมการ
โทรคมนาคมแห่งชาติประกาศกำหนด

United Kingdom

UK Importer: Zebra Technologies Europe Limited

Address: Dukes Meadow, Millboard Rd, Bourne End, Buckinghamshire, SL8 5XF

Warranty

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

Service Information

Before you use the device, it must be configured to operate in your facility's network and run your applications.

If you have a problem running your device or using your equipment, contact your facility's Technical or System Support. If there is a problem with the equipment, they will contact Zebra support at zebra.com/support.

For the latest version of the guide, go to zebra.com/support.

Software Support

Zebra wants to ensure that customers have the latest entitled software at the time of device purchase to keep the device operating at peak performance levels. To confirm that your Zebra device has the latest entitled software available at the time of purchase, go to zebra.com/support.

Check for the latest software from **Support > Products**, or search for the device and select **Support > Software Downloads**.

If your device does not have the latest entitled software as of your device purchase date, email Zebra at entitlementservices@zebra.com and ensure you include the following required device information:

- Model number
- Serial number
- Proof of purchase
- Title of the software download you are requesting.

If it is determined by Zebra that your device is entitled to the latest version of software, as of the date you purchased your device, you will receive an email containing a link directing you to a Zebra website to download the appropriate software.

Product Support Information

- For information on using this product, refer to the User Guide at zebra.com/zt41i-rfid-info and zebra.com/zt42i-rfid-info.
- To find quick answers to known product behaviors, access our knowledge articles at supportcommunity.zebra.com/s/knowledge-base.
- Ask your questions in our Support community at supportcommunity.zebra.com.
- Download product manuals, drivers, software, and view how-to videos at zebra.com/support.
- To request a repair for your product, go to zebra.com/repair.

Patent Information

To view Zebra patents, go to ip.zebra.com.