Regulatory Information

This guide applies to Model Numbers: ET1N0 and ET1N2.
All Zebra devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.
Local language translations are available at the following website:
http://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.

CAUTION Only use Zebra approved and UL Listed accessories, battery packs and battery chargers.
Do NOT attempt to charge damp/wet mobile computers or batteries. All components must be dry before connecting to an external power source.

Declared maximum operating temperature: 50 °C.

Wireless Devices Country Approvals

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) are approved for use in the following countries: United States, Canada, Japan, China, S. Korea, Australia, and Europe1. Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at http://www.zebra.com/doc.

Note 1: Europe includes Austria, Belgium, Bulgaria, 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.

Country Roaming

This device incorporates the International Roaming feature (IEEE802.11d) which will ensure the product operates on the correct channels for the particular country of use.

Ad-Hoc Operation (2.4 GHz band)

Ad-Hoc operation is limited to Channels 1-11 (2412-2462 MHz).

Frequency of Operation – IC

5 GHz Only

The use in the UNII (Unlicensed National Information Infrastructure) band 1 (5150 - 5250 MHz) is restricted to Indoor Use Only; any other use will make the operation of this device illegal.

Industry Canada Statement:

Caution: The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-Channel mobile satellite systems. High power radars are allocated as primary users (meaning they

UL Listed Products with GPS

Underwriters Laboratories Inc. (UL) has not tested the performance or reliability of the Global Positioning System (GPS) hardware, operating software or other aspects of this product. UL has only tested for fire, shock or casualties as outlined in UL’s Standard(s) for Safety for Information Technology Equipment, UL60950-1. UL Certification does not cover the performance or reliability of the GPS hardware and GPS operating software. UL MAKES NO REPRESENTATIONS, WARRANTIES OR CERTIFICATIONS WHATSOEVER REGARDING THE PERFORMANCE OR RELIABILITY OF ANY GPS RELATED FUNCTIONS OF THIS PRODUCT.

Bluetooth® Wireless Technology

This is an approved Bluetooth product. For more information or to view the End Product Listing, please visit http://www.bluetooth.org/tpg/listings.cfm.
have priority) of 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LE-LAN devices.

Avertissement: Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bands 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

2.4 GHz Only
The available channels for 802.11 b/g operation in the US are Channels 1 to 11. The range of channels is limited by firmware.

Health and Safety Recommendations

Ergonomic Recommendations

**CAUTION** In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company’s safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a neutral posture
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

### Warnings for Use of Wireless Devices

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

**Safety in Aircraft**
Switch off your wireless device whenever you are instructed to do so by airport or airline staff. If your device offers a 'flight mode' or similar feature, consult airline staff as to its use in flight.

**Safety in Hospitals**

Wireless devices transmit radio frequency energy and may affect medical electrical equipment.

Wireless devices should be switched off wherever you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

**Pacemakers**

Pacemaker manufacturers recommended that a minimum of 15 cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

Persons with pacemakers:
- Should ALWAYS keep the device more than 15 cm (6 inches) from their pacemaker when turned ON.
- Should not carry the device in a breast pocket.
• Should use the ear furthest from the pacemaker to minimize the potential for interference.
• If you have any reason to suspect that interference is taking place, turn OFF your device.

Other Medical Devices
Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

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.
For further information on the safety of RF energy from wireless devices - see http://www.zebra.com/corporateresponsibility.

Europe
Handheld Devices
This device was tested for typical body-worn operation. Use only Zebra tested and approved belt-clips, holsters, and similar accessories to ensure EU Compliance.

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 filling.

Handheld Devices
This device was tested for typical body-worn operation. Use only Zebra tested and approved belt-clips, holsters, and similar accessories to ensure FCC Compliance. The use of third-party belt-clips, holsters, and similar accessories may not comply with FCC RF exposure compliance requirements, and should be avoided.

Radiation Exposure Statement
This equipment complies with IC radiation exposure limits set for an uncontrolled environment.
NOTE IMPORTANTE: (Pour l'utilisation de dispositifs mobiles)
Déclaration d’exposition aux radiations:
Cet équipement est conforme aux limites d’exposition aux rayonnements IC établies pour un environnement non contrôlé.

LED Devices
LED LIGHT
DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS
CLASS 1M LED PRODUCT
Laser Devices (ET1 with SCANMOD-ET1 or MSRSCAN-ET1)

Class 2 laser scanners use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

**CAUTION:** Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

**Labeling**

Label read:
1. **CAUTION - CLASS 2 LASER LIGHT WHEN OPEN. DO NOT STARE INTO BEAM.**
3. **LASER LIGHT - DO NOT STARE INTO BEAM. CLASS 2 LASER PRODUCT.**

Power Supply

**ET1 with Single-slot Docking Cradle, USB Charge Cable**

Use ONLY an approved UL LISTED ITE (IEC/EN 60950-1, LPS) power supply with electrical ratings: Output 12 VDC, min 4.16 A, with a maximum ambient temperature of at least 40 °C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

**ET1 with Four-slot Charge Only Docking Cradle**

Use ONLY an approved UL LISTED ITE (IEC/EN 60950-1, SELV) power supply with electrical ratings: Output 12 VDC, min 9 A, with a maximum ambient temperature of at least 50 °C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Note: Cradles are to be provided with their own Regulatory Guide.

Batteries

**Taiwan - Recycling**

EPA (Environmental Protection Administration) requires dry battery producing or importing firms in accordance with Article 15 of the Waste Disposal Act are required to indicate the recycling marks on the batteries used in sales, giveaway or promotion. Contact a qualified Taiwanese recycler for proper battery disposal.

**Battery Information**

Use only Zebra approved batteries. Accessories which have battery charging capability are approved for use with the following battery models:
- Zebra 82-149690-01 (3.7 VDC, 4620 mAh) - For use with ET1N0 only.
- Zebra 82-158261-01 (3.7 VDC, 5640 mAh) - For use with ET1N0 and ET1N2.
Zebra rechargeable battery packs are designed and constructed to the highest standards within the industry. However, there are limitations to how long a battery can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack, such as heat, cold, harsh environmental conditions and severe drops.

When batteries are stored over six (6) months, some irreversible deterioration in overall battery quality may occur. Store batteries at half of full charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts and electrolyte leakage. When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half of full charge.

Replace the battery when a significant loss of run time is detected. Standard warranty period for all Zebra batteries is one year, regardless if the battery was purchased separately or included as part of the mobile computer or bar code scanner. For more information on Zebra batteries, please visit: http://www.zebra.com/batterybasics.

Battery Safety Guidelines

- The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non commercial environment.
- Follow battery usage, storage, and charging guidelines found in the user's guide.
- Improper battery use may result in a fire, explosion, or other hazard.
- To charge the mobile device battery, the battery and charger temperatures must be between +32 ºF and +104 ºF (0 ºC and +40 ºC).
- Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a battery or a charger, contact the Zebra Global Support Center.
- For devices that utilize a USB port as a charging source, the device shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- To enable authentication of an approved battery, as required by IEEE1725 clause 10.2.1, all batteries will carry a Zebra hologram. Do not fit any battery without checking it has the Zebra authentication hologram.
- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
- Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.
- Battery usage by children should be supervised.
- Please follow local regulations to promptly dispose of used re-chargeable batteries.
- Do not dispose of batteries in fire.
- Seek medical advice immediately if a battery has been swallowed.
- In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.
- If you suspect damage to your equipment or battery, contact the Zebra Global Support Center to arrange for inspection.
Radio Frequency Interference Requirements-FCC

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 Transmitters (Part 15)

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.

Radio Frequency Interference Requirements - Canada

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radio Transmitters

For RLAN Devices:
The use of 5 GHz RLAN's, for use in Canada, have the following restrictions:
- Restricted Band 5.60 - 5.65 GHz.
This device complies with RSS 210 of Industry Canada. 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.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Label Marking: The Term “IC:” before the radio certification only signifies that Industry Canada technical specifications were met.

Marking and European Economic Area (EEA)

The use of 2.4 GHz RLAN's, for use through the EEA, have the following restrictions:
- Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 - 2.4835 GHz

Bluetooth® Wireless Technology for use through the EEA has the following restrictions:
- Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz
Statement of Compliance

Korea Warning Statement for Class B ITE

<table>
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<tr>
<th>기종별</th>
<th>사용자 안내문</th>
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<tr>
<td>B급 기기 (가정용 방송통신기기)</td>
<td>이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.</td>
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Other Countries

Australia

Use of 5 GHz RLAN's in Australia is restricted in the following band 5.50 - 5.65 GHz.

To comply with Australian legislation please ensure the ET1 is set to ‘Wakeup’ based on ’Keyboard’.

Brazil

Declarações Regulamentares para ET1N0, ET1N2 - Brazil

Nota: “A marca de certificação se aplica ao Transceptror, modelo ET1N0, ET1N2. Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.”

Para maiores informações sobre ANATEL consulte o site: www.anatel.gov.br

Chile

“Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaria de telecomunicaciones, relativa a radiaciones electromagnéticas.”

China

Quality Certificate in Chinese when the factory has ISO 9001 certification.

合格证： Quality Certificate

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.

Restrict Frequency Range to: 2.450 - 2.4835 GHz.

South Korea

For a radio equipment using 2400 - 2483.5 MHz or 5725 - 5825 MHz, the following two expression should be displayed:

당해 무선설비는 운용 중 전파혼신 가능성이 있음

당해 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

Taiwan

臺灣

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，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。

第十四條
低功率射頻電機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。

前項合法通信，指依電信規定作業之無線電通信。

低功率射頻電機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。

在 5.25 - 5.35 秆赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

Ukraine

This equipment corresponds to requirements of the Technical Regulation No. 1057, 2008 on restrictions as to the use of some dangerous substances in electric and electronic devices.

Thailand

เครื่องโทรศัพท์มือถือและอุปกรณ์นี้มีความสอดคล้องตามข้อกำหนดของ กทช.

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: http://www.zebra.com/weee


Italiano: per i clienti dell’UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Zebra al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: http://www.zebra.com/weee.


Türkçe WEEE İletişim Konformitesi

Software Destek

Zebra, müşterilerimizden önceki lisansta entütsel yazılımın en son sürümünü doğru zaman alci emin etmek için emin olmak istiyor.

Ürününuzün satıldığı tarihinden bu yana en son lisansta yazılım sürümü olmayan durumda ise lisansta yazılım sürümünü almak için Zebra'ya e-posta gönderin: entitlementservices@zebra.com.

Yerelנטılı lisansta yazılım sürümünü almak için aşağıdaki esas cihaz bilgilerini ekleyin:

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

Zebra, lisansta yazılımın en son sürümünü emin olursa, lisansta yazılım sürümünü almak için Zebra'ya bir e-posta gönderirsiniz.

Open Source Yazılım Bilgileri

Zebra, bu Zebra Ürünü için kullanılmak üzere kod kaynakını sağlayan her türlü açık kaynak kodunun bir kopyasını almak için Zebra ile İttifak kurmak istiyor.

Open Source yazılımı almak için Zebra ile İttifak kurmak için: Zebra Technologies Corporation
Open Source Yazılım Yönetimi
Zebra Plaza, Holtsville, NY 11742 USA
In your request, please include the Zebra Product Name and Version, along with the Open Source Software specifics, such as the Open Source Software Name and Version.

Note, the source code for the Open Source Software may be resident on the Zebra Product Installation Media, or on supplemental Zebra Product Media. Please reference and review the entire Zebra Open Source Software Legal Notices and End User License Agreement for the details on location and methods of obtaining the source code.

Note, dependent on the license terms of the Open Source Software, source code may not be provided. Please reference and review the entire Zebra Open Source Software Legal Notices and End User License Agreement for identifying which Open Source Software Packages will have source code provided.

To view additional information regarding licenses, acknowledgements and required copyright notices for open source packages used in this Zebra product, touch Settings > About device > Legal information > Open source licenses.

### Declaration of the Presence Condition of the Restricted Substances Marking

| 設備名稱：移動式電腦 | 型號（型式）：ET1N0 |
| Equipment name | Type designation (Type) |
| 鉛 (Pb) | 汞 (Hg) | 鎘 (Cd) | 六價鉻 Hexavalent chromium (Cr+6) | 多溴聯苯 Polychlorinated biphenyls (PCB) | 多溴二苯醚 Polybrominated diphenyl ethers (PBDE) |
| 単元 Unit | 限用物質及其化學符號 Restricted substances and its chemical symbols |

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<tr>
<th>印刷電路板及電子組件</th>
<th>電纜及電纜組件</th>
<th>塑料和聚合物零件</th>
<th>光學與光學元件</th>
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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。
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.

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。
Note 2. “O” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考 3. “—” 係指該項限用物質為排除項目。
Note 3. The “—” indicates that the restricted substance corresponds to the exemption.