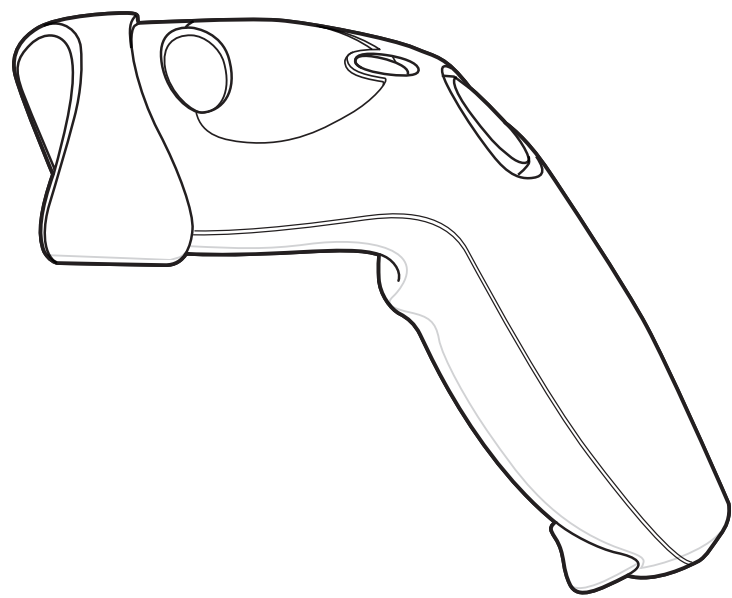


LS1203

Quick Start Guide

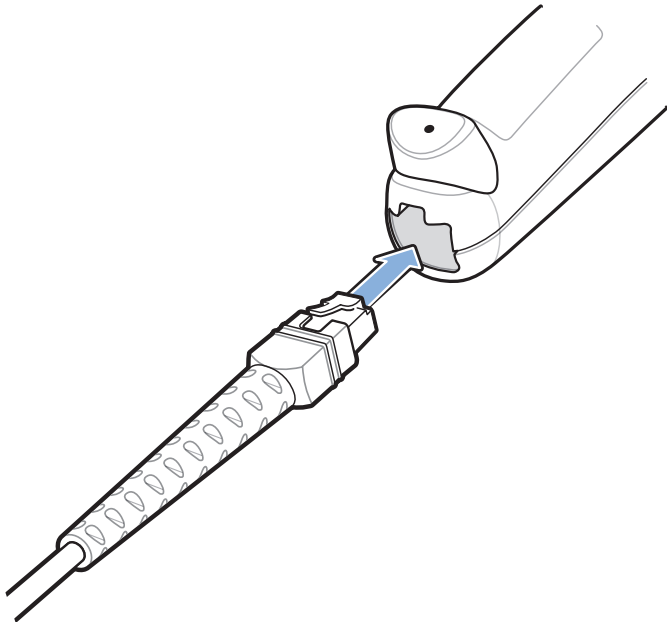
<http://www.zebra.com/ls1203>

STEP 1 - ATTACH CABLE TO SCANNER

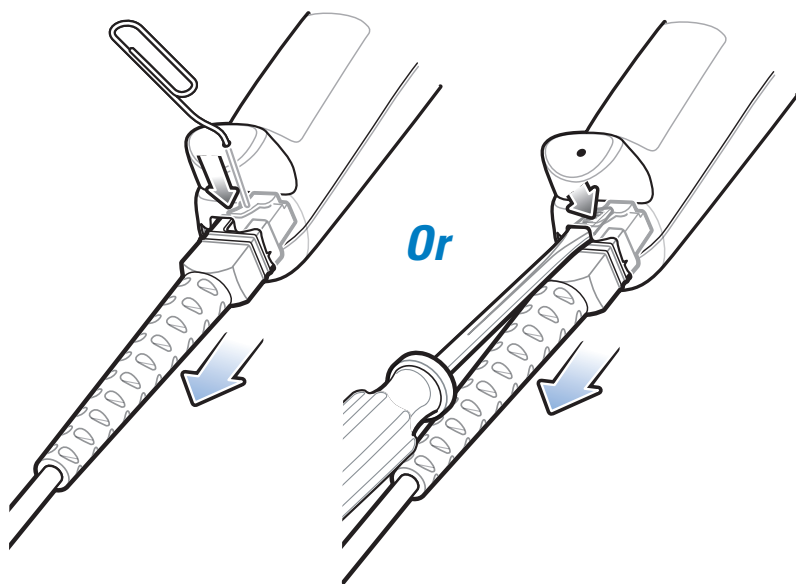


See Product Reference Guide for detailed information

Attach Cable



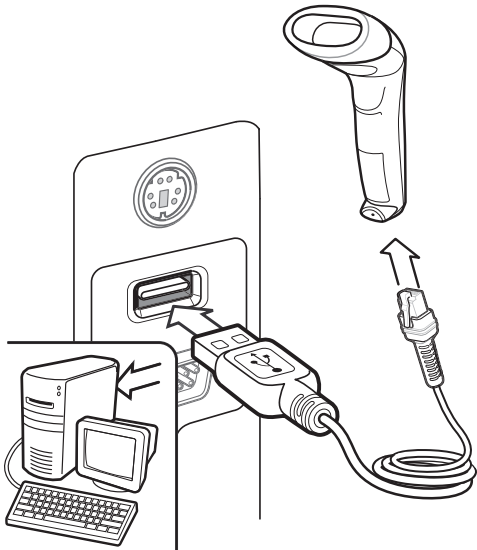
Remove Cable (to change interface)



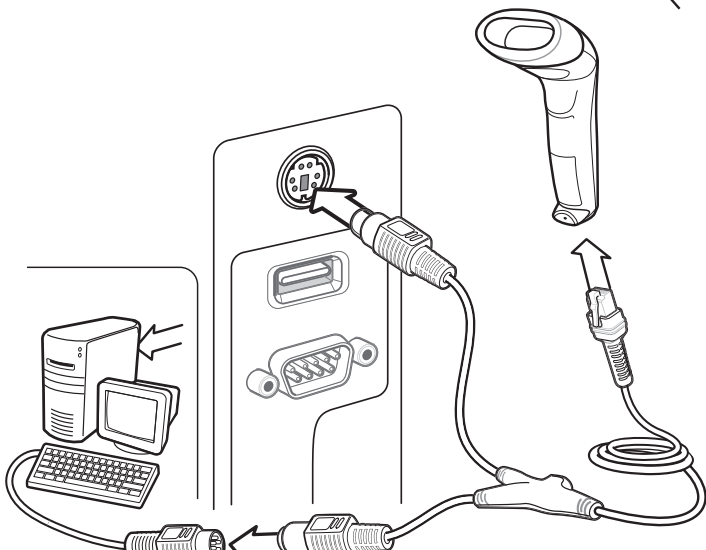
STEP 2 - CONNECT CABLE TO A HOST

NOTE: Cables may vary depending on configuration.

USB

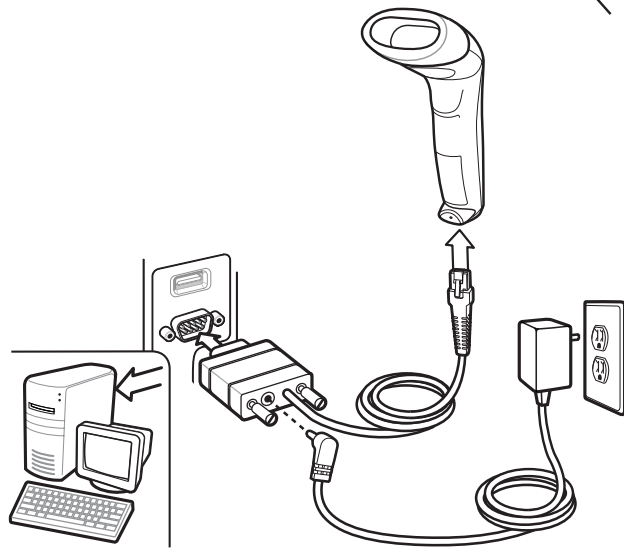


Keyboard Wedge



Note: Power Supply Optional

RS-232



STEP 3 - SET UP INTERFACE (Scan Host Bar Codes)

Important: Out of box, Keyboard Wedge and USB interfaces require no bar code scan setup. Bar codes are provided for complex programming or interface changes.

USB

Scan **ONE** of the bar codes below



IBM HAND-HELD USB



HID KEYBOARD EMULATION

Keyboard Wedge

Scan **ONE** of the bar codes below



IBM AT Notebook



IBM PC/AT and IBM PC COMPATIBLE

RS-232

Scan **ONE** of the bar codes below



OPOS/JPOS



STANDARD RS-232

ADD AN ENTER KEY (CARRIAGE RETURN/LINE FEED)

Adding an **Enter** Key after scanned data; Scan all **THREE** bar codes in numerical order.

1



SCAN OPTIONS

2



<DATA><SUFFIX>

3



ENTER

ADD A TAB KEY

To add a **Tab** key after scanned data, scan all **THREE Enter** key bar codes above in numerical order then scan all **FIVE** bar codes below in numerical order.

1



SCAN SUFFIX

2



7

3



0

4



0

5



9

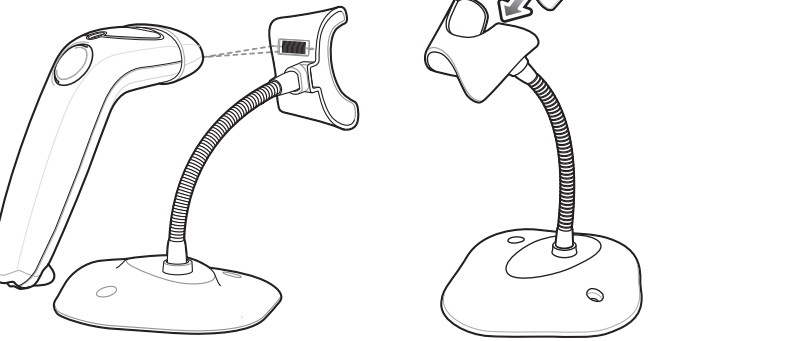
HANDS FREE STAND

OPTIMUM SCANNING

SET DEFAULTS

123SCAN²

Toggle Triggered Mode and Autoscan Mode



Return to Factory Defaults



SET DEFAULTS

123Scan² is an easy-to-use, PC-based software tool that enables rapid and easy customized setup via a bar code or USB cable. For more information, visit: <http://www.zebra.com/123Scan²>.

SCANNER INDICATIONS

LED Indications

Off	Green	Red
Scanner is on and ready to scan, or no power to scanner	Bar code is successfully decoded	Transmission error

Beeper Indications

Standard Use		
Low/medium/high beep	Short medium beep	4 long low beeps
Power up	Bar code decoded	Transmission error detected, data is ignored
Parameter Menu Scanning		
High/low/high/low beep	High/low beep	Low/High beep
Successful parameter setting	Correct programming sequence performed	Incorrect programming sequence or "Cancel" bar code scanned

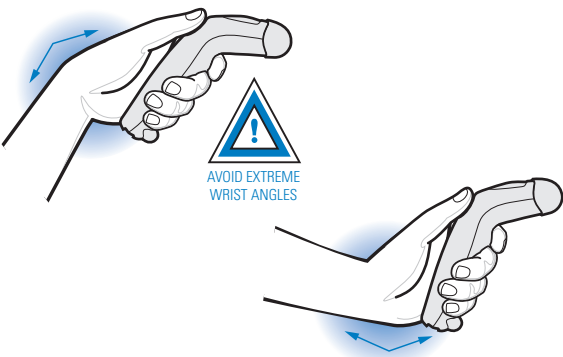
Troubleshooting

Scanner not working		
No power to scanner	Incorrect interface cable used	Interface/power cables are loose
Check system power; ensure power supply, if required, is connected	Ensure that correct interface cable is used	Ensure all cable connections are secure
Scanner decoding bar code, but data not transmitting to host		
Scanner not programmed for correct host interface	Interface cable is loose	
Scan appropriate host parameter bar codes	Ensure all cable connections are secure	

Scanned data incorrectly displayed on host		
Scanner not programmed for correct host interface	Bar code unreadable	Distance between scanner and bar code incorrect
Scan appropriate host parameter bar codes	Ensure bar code not defaced; try scanning test bar code of same bar code type	Move scanner closer to or further from bar code
Scanner not decoding bar code		
Scanner not programmed for bar code type	Bar code unreadable	Distance between scanner and bar code incorrect
Ensure scanner is programmed to read type of bar code being scanned	Ensure bar code not defaced; try scanning test bar code of same bar code type	Move scanner closer to or further from bar code

RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

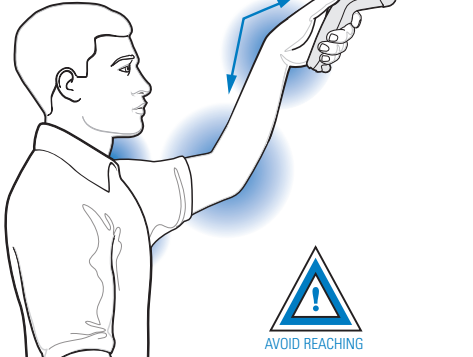
Avoid Extreme Wrist Angles



Avoid Bending



Avoid Reaching



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 natural position
- 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.

REGULATORY INFORMATION

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Zebra reserves the right to make changes to any product to improve reliability, function, or design. Zebra does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Zebra products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Zebra products.

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 Global Support at: <http://www.zebra.com/support>.
For the latest version of this guide go to: <http://www.zebra.com/support>.

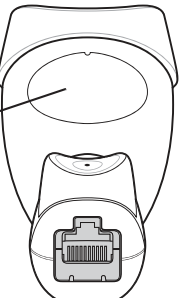
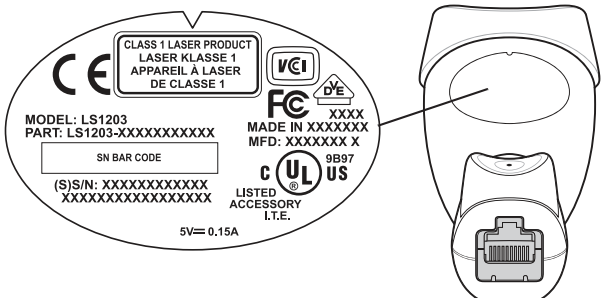
Waste Electrical and Electronic Equipment (WEEE)

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>.
Bulgarian: За клиентите от ЕС: След края на ползването им живот всички продукти трябва да се връщат на Zebra за рециклиране. За информация относно връщането на продукта, моля отидете на адрес: <http://www.zebra.com/weee>.
Czech: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: <http://www.zebra.com/weee>.
Danish: Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, når de er udfjerd. Læs oplysningerne om returnering af produkter på: <http://www.zebra.com/weee>.
Dutch: Voor klanten in de EU: Alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg <http://www.zebra.com/weee> voor meer informatie over het terugzenden van producten.
Finnish: Kaikilla tuotteet on palautettava kierrätettäväksi Zebra-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa <http://www.zebra.com/weee>.
French: Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : <http://www.zebra.com/weee>.
German: Für Kunden in der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgeschickt werden. Informationen zur Rücksendung von Produkten finden Sie unter <http://www.zebra.com/weee>.
Greek: Για τους 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 <http://www.zebra.com/weee>.
Hebrew: לקוחות מ-12 המדינות: כל המוצרים חייבים להישלח בחזרה לזברה לטיפול במוצרים ישנים. לפרטים נוספים על איך להחזיר את המוצר, אנא פנו לאתר: <http://www.zebra.com/weee>.
Hungarian: Az EU-ban vásárlóknak: Minden terméküket a Zebra vállalatához kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókat látogasson el a <http://www.zebra.com/weee> weboldalra.
Italian: Gli clienti dell'UE: il prodotto colui che li ha acquistati deve essere restituito a Zebra per il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: <http://www.zebra.com/weee>.
Japanese: EUの顧客の皆様へ: 本製品のライフサイクルの終了後、Zebra社に返却してリサイクルをお願いします。返却方法の詳細については、<http://www.zebra.com/weee>をご覧ください。
Korean: EU 고객님들께: 본 제품의 수명 주기가 끝나면 Zebra에 반납하여 재활용을 부탁드립니다. 반납 방법에 대한 자세한 내용은 <http://www.zebra.com/weee> 웹사이트를 참조하십시오.
Latvian: ES klientiem: Visi produkti pēc to kalpošanas mūža beigām ir jānodod atpakaļ Zebra uzreizsai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdz, skatīt: <http://www.zebra.com/weee>.
Lithuanian: ES klientams: Visi produktai po naudojimosi laikotarpio pabaigos turi būti grąžinti į Zebra. Daugiau informacijos, kaip grąžinti gaminius, rasite: <http://www.zebra.com/weee>.
Magyar: Az EU-ban vásárlóknak: Minden terméküket a Zebra vállalatához kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókat látogasson el a <http://www.zebra.com/weee> weboldalra.
Maltese: Għal klijenti fl-UE: il-prodotti kollha li jkun wasslu fl-aħħar ta'-ha għaliq ta' l-użu tagħhom, iridu jiġu ritornati għand Zebra għar-riciklaġġ. Għal aktar taġġir dwar kif għandek tirritorna l-prodott, jekk jogħġbok zur: <http://www.zebra.com/weee>.
Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg <http://www.zebra.com/weee> voor meer informatie over het terugzenden van producten.
Norwegian: For kunder i EU: Alle produkter som oppnått sin livsløng må returneres til Zebra for återvinning. Information om hur du returnerar produkten finns på <http://www.zebra.com/weee>.
Polish: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Zebra w celu ich utylizacji. Informacje na temat zwrótu produktów znajdźcie na stronie internetowej <http://www.zebra.com/weee>.
Portuguese: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: <http://www.zebra.com/weee>.
Romanian: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre returnarea produsului, accesați: <http://www.zebra.com/weee>.
Russian: Для клиентов из ЕС: Все изделия должны быть возвращены в Zebra в конце срока их эксплуатации для переработки. Для получения информации о том, как вернуть изделие, посетите сайт: <http://www.zebra.com/weee>.
Slovak: Pre zákazníkov z krajín EÚ: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Zebra na recykláciu. Blížia informácie o vrátení výrobkov nájdete na: <http://www.zebra.com/weee>.
Slovenian: Pre zakaznikov z krajín EU: Všetki proizvoki morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklazo. Za informacije o vračilu izdelka obišite: <http://www.zebra.com/weee>.
Spanish: Para clientes en la Unión Europea: todos los productos deberán entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: <http://www.zebra.com/weee>.
Swedish: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på <http://www.zebra.com/weee>.
Turkish: AB Müşterileri İçin: Kullanım süresi dolan tüm ürünleri geri döndürürken lütfen şu adresi ziyaret edin: <http://www.zebra.com/weee>.
Ukrainian: Для клієнтів з ЄС: Всі продукти після закінчення терміну експлуатації повинні бути повернуті до компанії "Зєбра" для рециклінгу. Для отримання інформації про те, як повернути виріб, відвідайте веб-сайт: <http://www.zebra.com/weee>.

Laser Labels

In accordance with Clause 5, IEC 825 and EN60825, the following information is provided to the user:

ENGLISH CLASS 1 CLASS 2	CLASS 1 LASER PRODUCT LASER LIGHT DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT	HEBREW מוצר לייזר מסוג 1 מוצר לייזר מסוג 2 אור לייזר אל תוך העין אל תביט אל תוך העין
DANISH / DANSK KLASSE 1 KLASSE 2	KLASSE 1 LASERPRODUKT LASERLYF SE IKKE IND I STRÅLEN KLASSE 2 LASERPRODUKT	ITALIAN / ITALIANO CLASSE 1 CLASSE 2 PRODOTTO AL LASER DI CLASSE 1 LUCE LASER NON FISSARE IL RAGGIO/PRODOTTO AL LASER DI CLASSE 2
DUTCH / NEDERLANDS KLASSE 1 KLASSE 2	KLASSE-1 LASERPRODUKT LASERLICHT NIET IN STRAAL STAREN KLASSE-2 LASERPRODUKT	NORWEGIAN / NORSK KLASSE 1 KLASSE 2 LASERPRODUKT, KLASSE 1 LASERLYS IKKE STIRR INN ILYSSTRÅLEN LASERPRODUKT, KLASSE 2
FINNISH / SUOMI LUOKKA 1 LUOKKA 2	LUOKKA 1 LASERTUOTE LASERVALO ÄLÄ TUIJOTA SÄDETTÄ LUOKKA 2 LASERTUOTE	PORTUGUESE / PORTUGUÊS CLASSE 1 CLASSE 2 PRODUTO LASER DA CLASSE 1 LUZ LASER LUZ DE LASER NÃO FIXAR O RAO LUMINOSO PRODUTO LASER DA CLASSE 2
FRENCH / FRANÇAIS CLASSE 1 CLASSE 2	PRODUIT LASER DE CLASSE 1 LUMIERE LASER NE PAS REGARDER LE RAYON/FXEMENT PRODUIT LASER DE CLASSE 2	SPANISH / ESPAÑOL CLASE 1 CLASE 2 PRODUCTO LASER DE LA CLASE 1 LUZ LASER NO MIRE FJAJAMENTE EL HAZ PRODUCTO LASER DE LA CLASE 2
GERMAN / DEUTSCH KLASSE 1 KLASSE 2	LASERPRODUKT DER KLASSE 1 LASERSTRAHLEN NICHT DIREKT IN DEN LASERSTRAHL SCHAUEN LASERPRODUKT DER KLASSE 2	SWEDISH / SVENSKA KLASS 1 KLASS 2 LASERPRODUKT KLASS 1 LASERLJUS STIRRA INTE MOT STRÅLEN LASERPRODUKT KLASS 2
JAPANESE / 日本語 第1種 第2種	第1種レーザー製品 レーザー光線 光線を見つめないでください 第2種レーザー製品	CHINESE / 简体中文 1 类 2 类 1 类激光产品 2 类激光产品
KOREAN / 한국어 1등급 2등급	1등급 레이저 제품 레이저 광선 이 광선을 주시하지 마십시오. 2등급 레이저 광선	



Regulatory Information

This guide applies to Model Number LS1203. 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. Antenna's, use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could cause damage and may violate regulations.



Laser Devices
Zebra products using lasers comply with US 21CFR1040.10 and 1040.11 except for deviations pursuant to laser notice no. 50, dated June 24, 2007 and IEC 60825-1 (Ed. 2.0), EN60825-1:2007. The laser classification is marked on one of the labels on the product. Class 1 Laser devices are not considered to be hazardous when used for their intended purpose. The following statement is required to comply with US and international regulations:
Caution: Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

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.

Radio Frequency Interference Requirements

FCC Tested to comply with FCC Standards
FOR HOME OR OFFICE USE
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 residential installation. 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 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 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.

Marking and European Economic Area (EEA)

CE **Statement of Compliance**
Zebra hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC, 2006/95/EC and 2011/65/EU. A Declaration of Conformity may be obtained from <http://www.zebra.com/doc>.

Warranty for Australia Only

For Australia Only. This warranty is given by Zebra Technologies Asia Pacific Pte. Ltd., 71 Robinson Road, #05-02/03, Singapore 068895, Singapore. Our goods come with guarantees that cannot be excluded under the Australia Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Zebra Technologies Corporation Australia's limited warranty above is in addition to any rights and remedies you may have under the Australian Consumer Law. If you have any queries, please call Zebra Technologies Corporation at+65 6858 0722. You may also visit our website: <http://www.zebra.com> for the most updated warranty terms.

Ukraine

Дане обладнання відповідає вимогам технічного регламенту №1057, № 2008 на обмеження щодо використання деяких небезпечних речовин в електричних та електронних пристроях.

LS1203

<http://www.zebra.com/ls1203>

72-115933-02 Revision A February 2015



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Lincolnshire, IL U.S.A.
<http://www.zebra.com>

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POST IN WORK AREA