DS3608

Digital Scanner
Quick Start Guide

ZEBRA

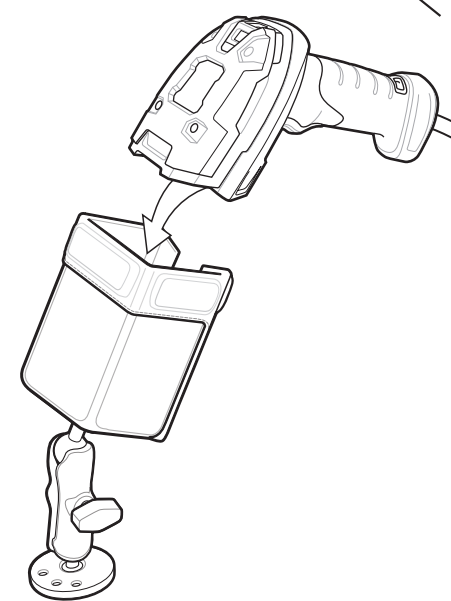## SCANNER FEATURES
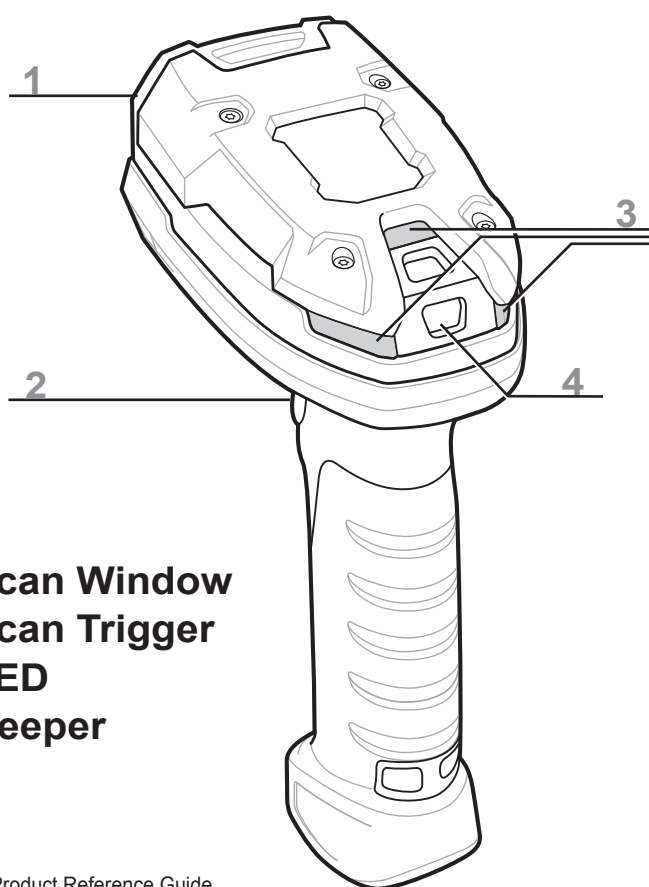
1. Scan Window
2. Scan Trigger
3. LED
4. Beeper

See Product Reference Guide for detailed information

ACCESSORIES

Intellistand
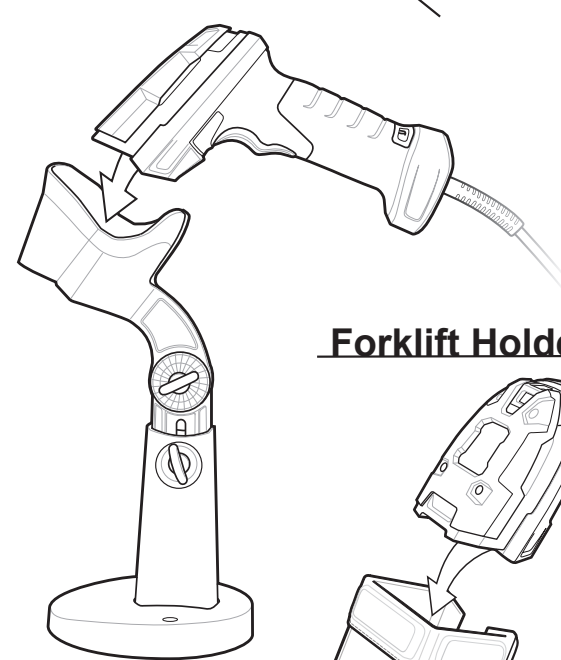
Forklift Holder

CABLE ATTACHMENT

1. Insert cable fully so that the connector is flush with the scanner surface.
2. Loosen metal lock plate screws using a PH1 driver.
3. Slide lock plate to fully locked position.
4. Tighten screw using a PH1 driver (torque: 5 in-lb).

SET DEFAULTS / ENTER KEY BAR CODES
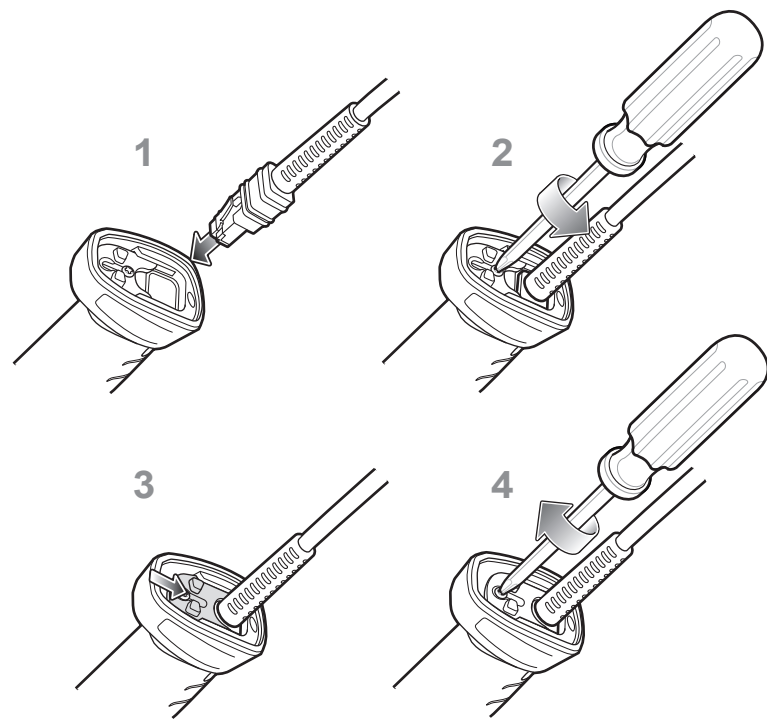
RETURN TO FACTORY DEFAULTS

ADD AN ENTER KEY
(Carriage Return/Line Feed)

To add an Enter key after scanned data, scan the bar code below.

ADD AN ENTER KEY (CARRIAGE RETURN/LINE FEED)

TAB KEY BAR CODE

ADD A TAB KEY

To add a Tab key after scanned data, scan the bar code below.

ADD A TAB KEY

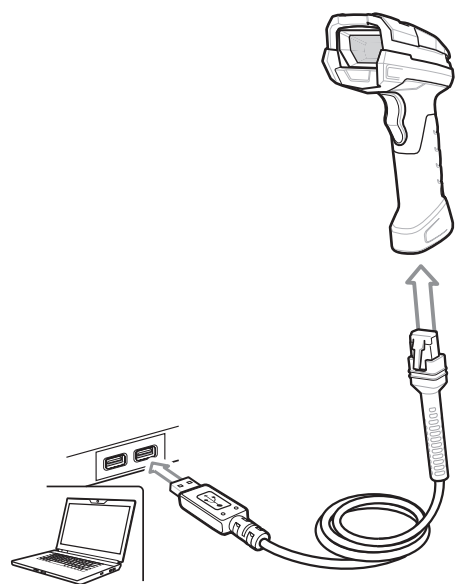## USB CAPS LOCK OVERRIDE BAR CODE

USB - OVERRIDE CAPS LOCK KEY (ENABLE)

*USB - DO NOT OVERRIDE CAPS LOCK KEY (DISABLE)

STEP 1 - CONNECT HOST INTERFACE

USB

NOTE: Cables may vary depending on configuration

RS-232

Keyboard Wedge

IBM 46XX

STEP 2 - SET UP INTERFACE (Scan Host Bar Codes)

USB
Scan *ONE* of the bar codes below

The interface cable automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan another host bar code below.

*USB KEYBOARD (HID)

USB CDC Host

USB OPOS HAND- HELD

IBM TABLE TOP USB

SNAPI WITHOUT IMAGING

SNAPI WITH IMAGING
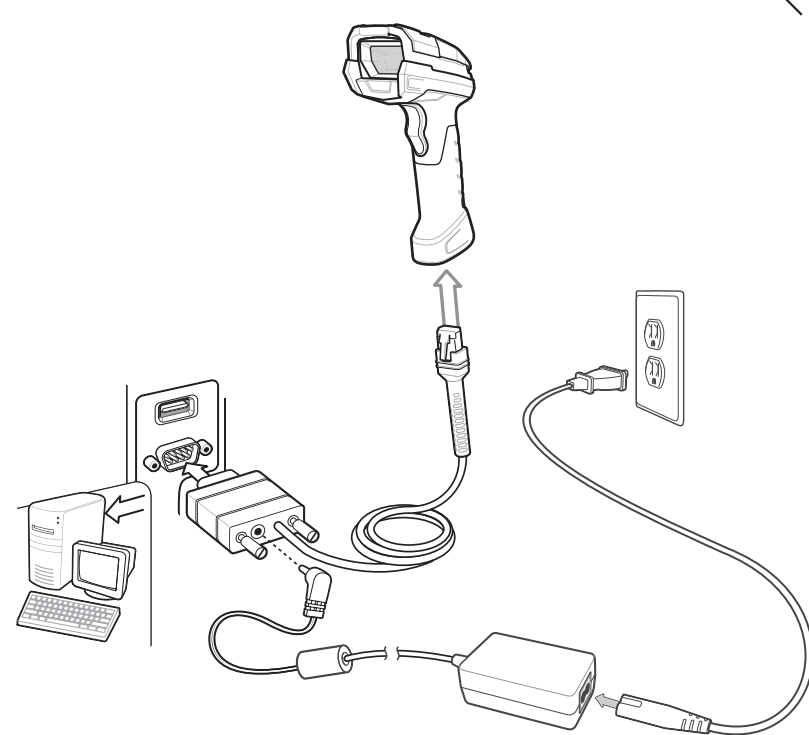
SIMPLE COM PORT EMULATION

IBM HAND-HELD USB

SSI OVER USB CDC

RS-232
Scan *ONE* of the bar codes below

The interface cable automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan another host bar code below.

*STANDARD RS-232

NIXDORF RS-232 MODE B

ICL RS-232

FUJITSU RS-232

NIXDORF RS-232 MODE A

OPOS/JPOS
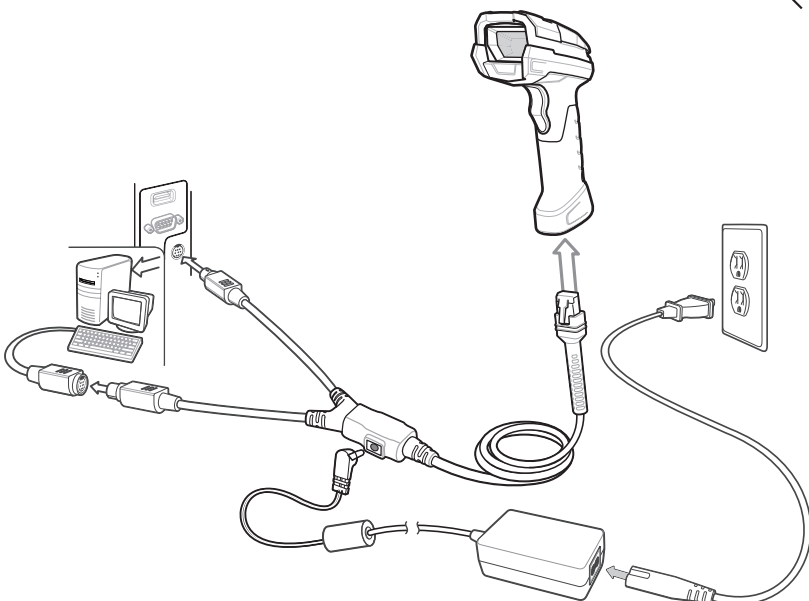
Keyboard Wedge
Scan a bar code below

The Auto-Host Detect Cable feature automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan the IBM PC/AT and IBM PC COMPATIBLE bar code below.

*IBM AT NOTEBOOK

IBM PC/AT and IBM PC COMPATIBLE

IBM 46XX
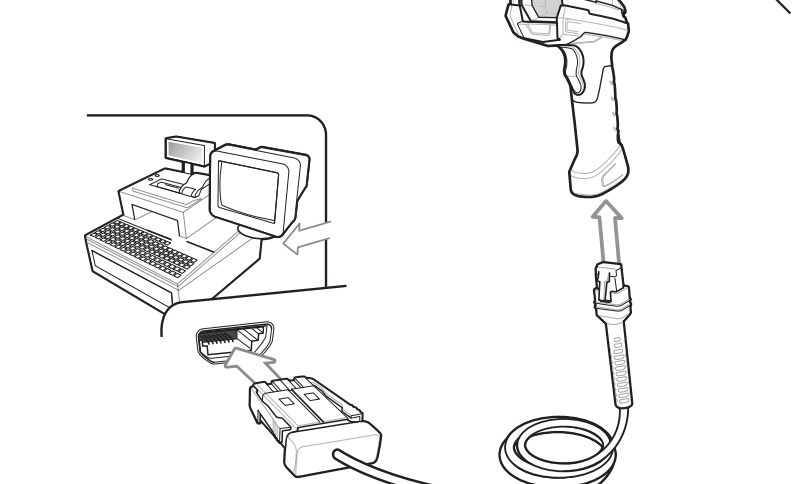Scan *ONE* of the bar codes below

The Auto-Host Detect Cable feature automatically detects the host interface type, but there is no default setting. Scan one of the bar codes below to select the appropriate port.

NON-IBM SCANNER EMULATION (PORT 5B)

TABLE-TOP SCANNER EMULATION (PORT 17)

HAND-HELD SCANNER EMULATION (PORT 9B)

SCANNING

POST IN WORK AREA

DS3608 - HP/HD Aiming
||||||| 012345
Cover the entire bar code with the aiming pattern to ensure it is within the field of view.

DS3608 - SR Aiming
||||||| 012345
For best results, aim the aiming dot at the center of the bar code.

DS3608 - ER Aiming
||||||| 012345
Cover the entire bar code with the aiming pattern to ensure it is within the field of view.

DS3608 - DP Aiming
[QR] 012345
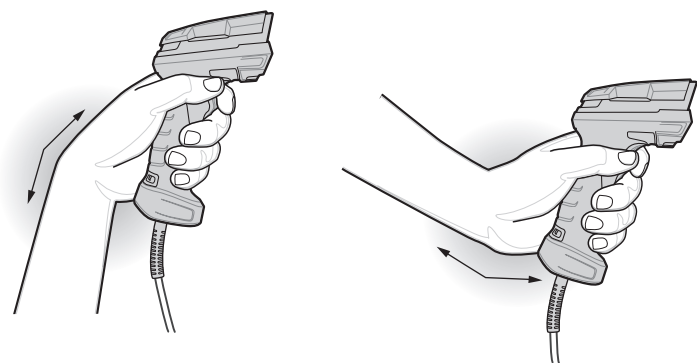For best results, aim the aiming dot at the center of the bar code.

RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

Avoid Extreme Wrist Angles

Avoid Bending

AVOID BENDING

Avoid Reaching

AVOID REACHING

BEEPER INDICATIONS

Indication	Beeper Sequence
Power up	Low/medium/high beep
Bar code decoded	Medium beep
Transmission error detected; data is ignored	4 long low beeps
Successful parameter setting	High/low/high/low beep
Correct programming sequence performed	High/low beep
Incorrect programming sequence, or **Cancel** bar code scanned	Low/high beep

LED INDICATIONS

Hand-Held Scanning

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

Hands-Free (Presentation) Scanning

No power to scanner	Off
Scanner is ready to scan	Green
Bar code is successfully decoded	Off Momentarily
Transmission error	Red

Local Contact: _____

TROUBLESHOOTING

Scanner not working

No power to scanner	Check system power.
Scanner is disabled	Ensure that correct host interface cable is used.

Scanner decoding bar code, but data not transmitting to host

Host interface not configured properly	Scan appropriate host parameter bar codes.
Interface cable is loose	Ensure all cable connections are secure.
Invalid ADF Rule	Program the correct ADF rules.

Scanner not decoding bar code

Scanner not programmed for bar code type	Ensure scanner is programmed to read type of bar code scanned.
Bar code unreadable	Ensure bar code is not defaced; try scanning test bar code of same bar code type.
Distance between scanner and bar code incorrect	Move scanner closer to, or further from bar code.

Scanned data incorrectly displayed on host

Host interface not configured properly	Scan appropriate host parameter bar codes.
Region improperly configured	Select appropriate country and language encoding scheme.

REGULATORY INFORMATION

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

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.

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 Customer Support Center 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.
Bulgarish: 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: http://www.zebra.com/weee.
Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Zebra k recykláci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.zebra.com/weee.
Dansk: Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.zebra.com/weee.
Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter http://www.zebra.com/weee.
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 http://www.zebra.com/weee στο Διαδίκτυο.
Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Zebra'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.zebra.com/weee.
Español: 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.
Français : 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.
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.
Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Zebra otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdzu, skatiet: http://www.zebra.com/weee.
Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Zebra". Daugiau informacijos, kaip grąžinti gaminį, rasite: http://www.zebra.com/weee.
Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Zebra vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a http://www.zebra.com/weee weboldalra.
Malti: Għal klijenti fl-UE: il-prodotti kollha li jkunu waslu fl-aħħar tal-ħajja ta' l-użu tagħhom, iridu jiġu rritornati għand Zebra għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok żur: 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.
Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócie do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej http://www.zebra.com/weee.
Português: 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.
Românesc: Pentru clienţii din UE: Toate produsele, la sfârşitul duratei lor de funcţionare, trebuie returnate la Zebra pentru reciclare. Pentru informaţii despre returnarea produsului, accesaţi: http://www.zebra.com/weee.
Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Zebra na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: http://www.zebra.com/weee.
Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklažo. Za informacije o vračilu izdelka obiščite: http://www.zebra.com/weee.
Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Zebra-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa http://www.zebra.com/weee.
Svenska: 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.
Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüşüme için Zebra'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: http://www.zebra.com/weee.

TURKISH WEEE Statement of Compliance
EEE Yönetmeliğine Uygundur

Regulatory Information
This device is approved under Zebra Technologies Corporation.

This guide applies to Model Number: DS3608. 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.

Health and Safety Recommendation

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.

LED Compliance Statement:
Classified as "EXEMPT RISK GROUP" according to IEC 62471:2006 and EN 62471:2008.
Pulse Duration: Continuous

Laser Devices
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.

CLASS LIGHT - DO NOT STARE INTO BEAM.
CLASS 2 LASER PRODUCT. LASERLICHT - NICHT IN DEN STRAHL BLICKEN. LASER KLASSE 2.
LUMIÈRE LASER - NE PAS REGARDER DANS LE FAISCEAU. APPAREIL À LASER DE CLASSE 2   650-660nm, 1mW
激光辐射   勿直视光束 2类激光产品

The following statement is required to comply with US and international regulations.
Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Laser and LED light is emitted from this aperture:

DS3608-SR - LED Exempt Risk Group
DS3608-ER - Class 2
DS3608-HP - Class 2
DS3608-HD - Class 2
DS3608-DP - Class 2

LASER LIGHT - DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT.
DS3608-SR - Label not applicable
DS3608-DP - Label located on side of scanner.

Complies with 21CFR1040.10 & 1040.11 except for deviations pursuant to Laser Notice NO. 50, dated June 24, 2007 and IEC/EN 60825-1:2007 and/or IEC/EN 60825-1:2014

CAUTION: CLASS 2 LASER LIGHT WHEN OPEN. AVOID DIRECT EYE EXPOSURE.

Power Supply
Use ONLY a Zebra approved UL LISTED ITE (IEC/EN 60950-1, LPS/SELV) power supply with electrical ratings: Output 5 Vdc, min 0.2A, with a maximum ambient temperature of a least 50 degrees C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Note: The optional external power supply, P/N: PWRS-14000-148R is rated for use in a 40 degrees C maximum ambient temperature.

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 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
CAN ICES-3 (B)/NMB-3(B).

Marking and European Economic Area (EEA)

Statement of Compliance
Zebra hereby declares that this device is in compliance with all applicable Directives, 2014/30/EU, 2014/35/EU and 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: http://www.zebra.com/doc.

Other Countries
Japan (VCCI) - Voluntary Control Council for Interference
Class B ITE

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

Korea Warning Statement for Class B ITE

기종별	사용자안내문
B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

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

China
通过访问以下网址可下载当地语言支持的产品说明书
http://www.zebra.com/contact

Thailand
เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทช.

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

China RoHS
This table was created to comply with China RoHS requirements.

部件名称 (Parts)	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 (Metal Parts)	X	O	O	O	O	O
电路模块 (Circuit Modules)	X	O	O	O	O	O
电缆及电缆组件 (Cables and Cable Assemblies)	O	O	O	O	O	O
塑料和聚合物部件 (Plastic and Polymeric Parts)	O	O	O	O	O	O
光学和光学组件 (Optics and Optical Components)	X	O	O	O	O	O
电池 (Batteries)	O	O	O	O	O	O

本表格依据SJ/T 11364 的规定编制。
O： 表示该有害物质在该部件所有均质材料中的含量均在 SJ/T 11364—2014 规定的限量要求以下。
X： 表示该有害物质在该部件的某一均质材料中的含量超出 SJ/T 11364—2014 规定的限量要求。（企业可在此处，根据实际情况对上表中打 "×" 的技术原因进行进一步说明。）

This table was created to comply with China RoHS requirements.

123Scan²

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

UTILITY FUNCTIONALITY
- Device Configuration
  - Electronic Programming (USB Cable)
  - Programming Bar Code(s)
- Data View – Scan Log (Display Scanned Bar Code Data)
- Access Asset Tracking Information
- Upgrade Firmware and View Release Notes
- Remote Management (SMS Package Generation)

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