ZS3608/DS3608

www.sick.com/Zx36

Distributed by
SICK

Mobile Handheld Scanners

QUICKSTART

SCANNER FEATURES
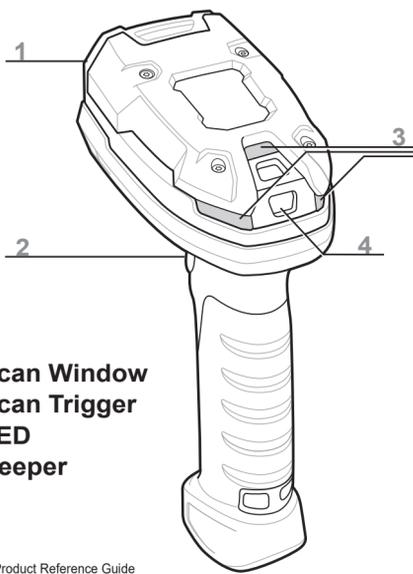
1 **Scan Window**
2 **Scan Trigger**
3 **LED**
4 **Beeper**

See Product Reference Guide
for detailed information

ACCESSORIES

Intellistand

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).
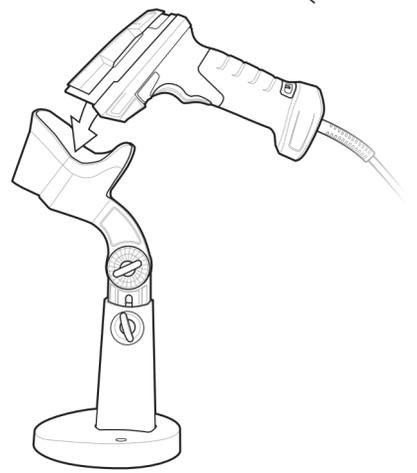
SET DEFAULTS / ENTER KEY BAR CODES
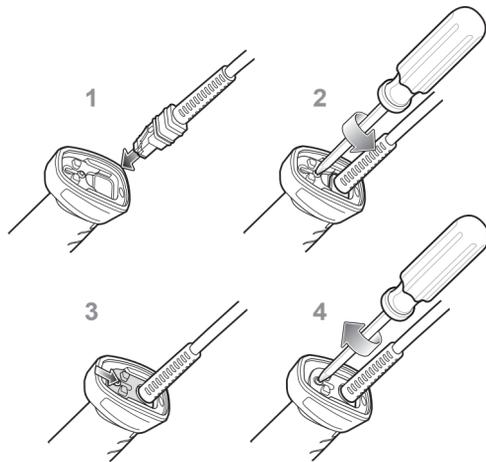
RETURN TO FACTORY DEFAULTS

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

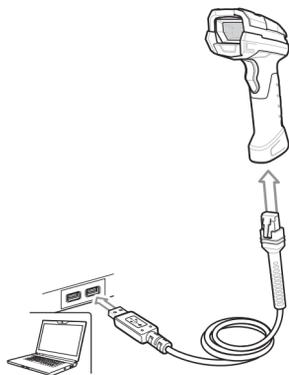USB - OVERRIDE CAPS LOCK KEY (ENABLE)

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

STEP 1 - CONNECT HOST INTERFACE

USB

NOTE: Cables may vary depending on configuration

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

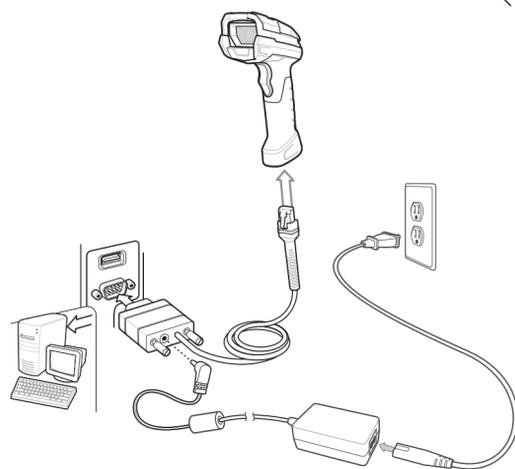SNAPI WITH IMAGING

IBM HAND-HELD USB

SSI OVER USB CDC
(COM PORT EMULATION)

RS-232

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

Country Keyboard Types

Scan one of the bar codes below corresponding to the keyboard type. For a USB host, the setting applies only to the USB keyboard (HID) device.

*US ENGLISH
(NORTH AMERICA)

ITALIAN

SPANISH

GERMAN

CHINESE
(SIMPLIFIED)

FRENCH
(FRANCE)

UK ENGLISH

JAPANESE
(ASCII)

Z-Up Tool

The Z-UP Tool is an easy to use, PC-based software tool that
enables rapid and easy setup of a scanner via a bar code or USB
cable. For more information, visit: **www.sick.com/Zx36**.

Note: Zebra's 123Scan software can also be used for configuration.

FUNCTIONALITY

- Device Configuration
  - Electronic Programming (USB Cable)
  - Programming Bar Codes
- Data View - Scan Log (Display Scanned Bar Code Data)

- Access Asset Tracking Information
- Upgrade Firmware and View Release Notes

SCANNING

ZS3608/DS3608 - DP Aiming

012345

For best results, aim the aiming dot at the center of the bar code.
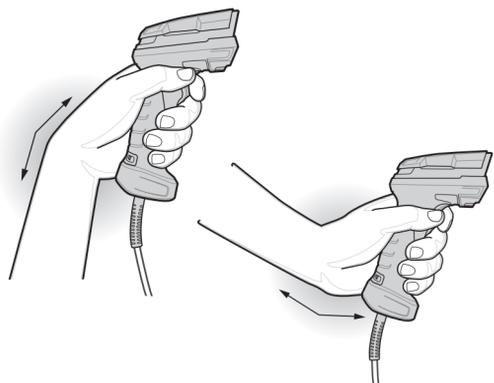
ZS3608/DS3608 - SR Aiming

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

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

© 2022 Zebra Technologies, Inc.
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.

Repairs and Service
Repair work on the device may only be performed by qualified and authorized personnel from SICK AG. Interruptions or modifications to the device by the customer will invalidate any warranty claims. Please contact the SICK Service department. To find your agency, go to: www.sick.com.

Disposal
Important: Danger to the environment due to improper disposal of the device. Disposing of devices improperly may cause damage to the environment. If a device can no longer be used, dispose of it in an environmentally friendly manner in accordance with the applicable country specific waste disposal regulations. Do not dispose of the product along with household waste.

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.

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.

Marking and European Economic Area (EEA)
EU Importer / Importador de la UE / EU-Importeur / Importatore UE / Importador da UE / Importer UE / Uvoznik za EU / Importateur UE
ZEBRA TECHNOLOGIES B.V.
Mercurius 12, 8448 GX, Heerenveen, Netherlands

Waste Electrical and Electronic Equipment (WEEE)
For all EU and UK Customers: For products at the end of their life, please refer to recycling/disposal advice at zebra.com/weee.

Statement of Compliance
Non-radio devices and accessories: Zebra hereby declares that this equipment is in compliance with Electromagnetic Compatibility Regulations 2016, the Electrical Equipment (Safety) Regulations 2016 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.
Radio enabled devices: Zebra hereby declares that this equipment is in compliance with the Radio Equipment Regulations 2017 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.
Any radio operation limitations within UK are identified in Appendix A of UK Declaration of Conformity.
The full text of the UK Declaration of Conformities is available at: zebra.com/doc.
UK Importer
ZEBRA TECHNOLOGIES EUROPE LIMITED
Address: Dukes Meadow, Millboard Rd, Bourne End, Buckinghamshire SL8 5XF

Manufactured by
Zebra Technologies Europe Limited
Dukes Meadow, Millboard Road, Bourne End
Buckinghamshire SL8 5XF
Company No: 02881068
Telephone: +44 1628 556000

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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.
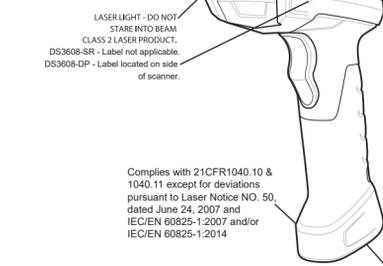
LASER LIGHT - DO NOT STARE INTO BEAM.
CLASS 2 LASER PRODUCT. LASERLICHT - NICHT IN DEN STRAHL BLICKEN. LASER KLASSE 2.
LUMIÈRE LASER - NE PAS REGARDER DANS LE FAISCEAU. APPAREIL À LASER DE CLASSE 2   630-680nm, 1mW
激光辐射 勿直视光束 2类激光产品

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.

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

기 종 별	사 용 자 안 내 문
B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적 으로 하며, 모든 지역에서 사용할 수 있습니다.

Chile
Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaría de telecomunicaciones, relativaradiaciones 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
www.zebra.com/contact
合格证

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: 表示该有害物质至少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.

ZS3608/DS3608 Mobile Handheld Scanners