



ZEBRA DS4608HC Versatile Handheld Scanners User Guide

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ZEBRA DS4608HC Versatile Handheld Scanners



Product Information

The Scanner Equipment consists of various parts and components:

- (Pb) – Lead-containing parts
- (Metal Parts) – Metallic components
- (Circuit Modules) – Circuit boards and modules
- (Cables and Cable Assemblies) – Wiring and cable connections
- (Plastic and Polymeric Parts) – Plastic and polymer-based components
- (Optics and Optical Components) – Optical elements and components
- (Batteries) – Power supply units
- (Hg) – Mercury-containing substances
- (Cd) – Cadmium-containing substances
- (Cr(VI)) – Hexavalent chromium-containing substances
- (PBB) – Polybrominated biphenyl-containing substances
- (PBDE) – Polybrominated diphenyl ether-containing substances

Product Usage Instructions

To use the Scanner Equipment:

1. Ensure that all parts are securely connected and properly assembled.
2. Connect the necessary cables and cable assemblies to the appropriate ports.

3. Power on the device using the provided batteries or an external power source.
4. Follow the specific instructions for scanning documents or images as provided in the Scanner Equipment's user manual.
5. After completing the scanning process, power off the device and disconnect any external power sources.
6. Carefully handle and store the Scanner Equipment, ensuring that all parts are protected from damage or contamination.

For further information on the restricted substances and their chemical symbols, please refer to the Scanner Equipment's user manual.

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WARRANTY: zebra.com/warranty

END USER LICENSE AGREEMENT: zebra.com/eula

Terms of Use

- **Proprietary Statement**

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- **Product Improvements**

Continuous improvement of products is a policy of Zebra Technologies. All specifications and designs are subject to change without notice.

- **Liability Disclaimer**

Zebra Technologies takes steps to ensure that its published Engineering specifications and manuals are correct; however, errors do occur. Zebra Technologies reserves the right to correct any such errors and disclaims liability resulting therefrom.

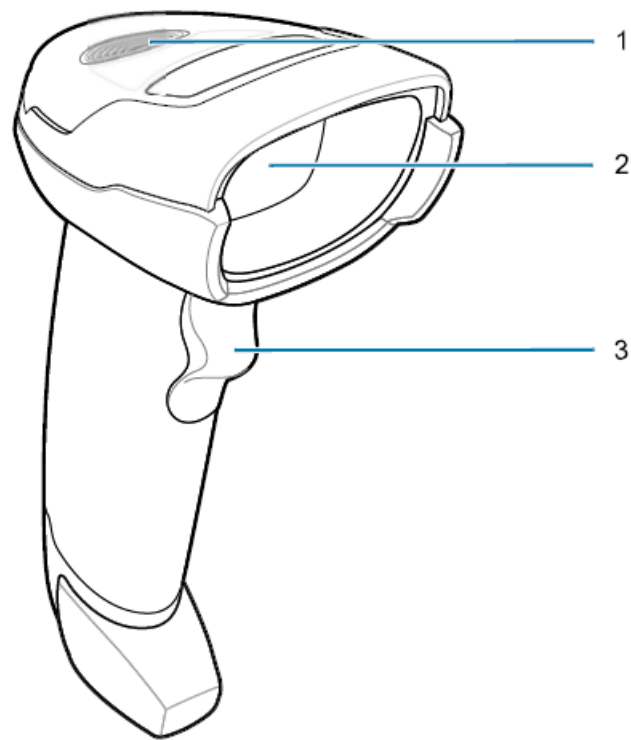
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Introduction

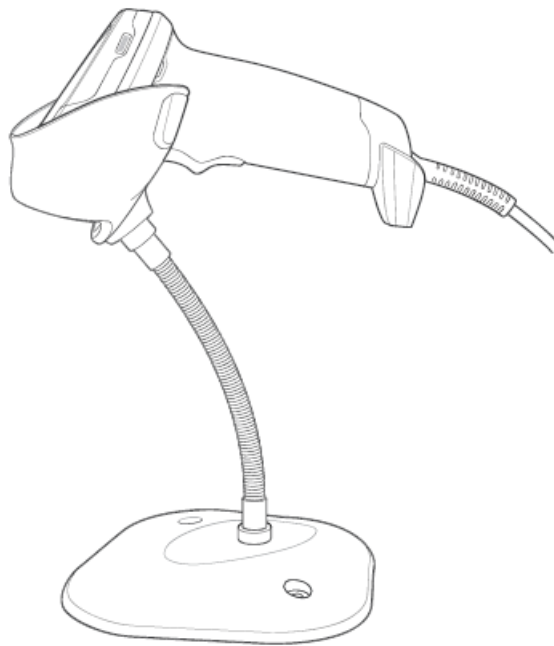
This guide provides basic instructions for setting up, programming, and using DS4608-HC scanners.

Features



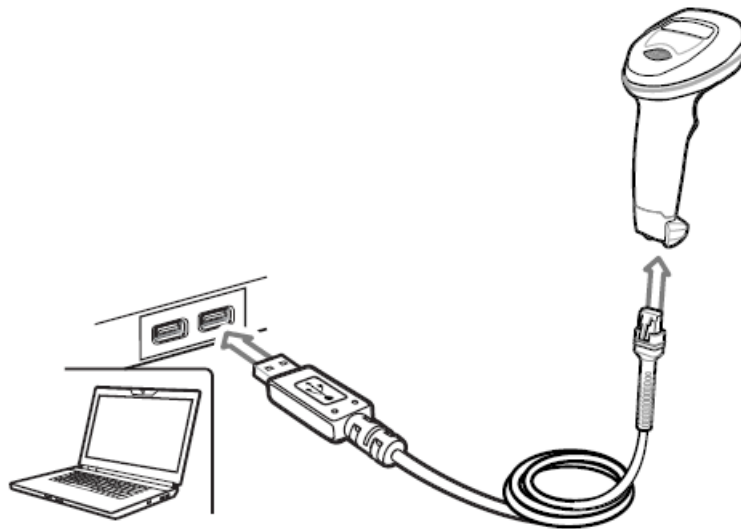
1	LED Indicator
2	Scan Window
3	Scan Trigger

Presentation Mode



Connect a USB Host Interface

The scanner automatically detects the host interface type and uses the default setting.



* USB Keyboard HID

Useful Barcodes

NOTE: An asterisk(*) indicates the default setting.

Set Defaults



Return to Factory Defaults

Add a Tab Key

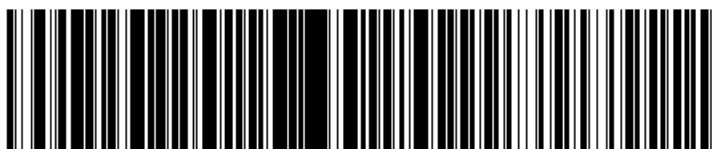
To add a Tab key after scanned data, scan the barcode below.



Add a Tab Key

Add an Enter Key (Carriage Return/Line Feed)

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



Add Enter Key (Carriage Return/line Feed)

USB Caps Lock Override



**USB-Override Caps Lock Key
(Enable)**



*** USB - Do Not Override Caps Lock Key
(Disable)**

Night Mode with Vibrate



Enable Night Mode Trigger



*** Disable Night Mode Trigger**



Toggle Night Mode

Picklist Mode

Picklist Mode enables you to pick out and decode a barcode from a group of barcodes that are printed close together by placing the aiming pattern on the barcode you want to decode.



Enable Picklist Mode in Hand-held Mode



*** Disable Picklist Mode Always**

ISBT Blood Bag Concatenation

Select an option for concatenating pairs of ISBT code types:

- Enable ISBT Concatenation (default) – Two ISBT barcodes are required for decode.
- Disable ISBT Concatenation – ISBT barcodes are decoded as individual barcodes.
- Autodiscriminate ISBT Concatenation – If a pair of ISBT barcodes is present, the scanner concatenates. Or else, a single barcode is transmitted.



*** Enable ISBT Concatenation**



Disable ISBT Concatenation



Autodiscriminate ISBT Concatenation

Hands-Free Mode

Scan one of the following barcodes to enable or disable the Hands-free mode.

- Enable Hands-free Mode (default) – When the scanner is in the presentation cradle or Intellistand, it turns the illumination on slightly to detect the presence of a barcode and automatically triggers when a barcode is detected. Lifting the scanner causes it to behave according to the setting of the Hand-Held Trigger Mode.
- Disable Hands-free Mode – The scanner behaves according to the setting of the Hand-Held Trigger Mode whether or not it is in a cradle or Intellistand. The illumination only turns on when the scanner is lifted or when the trigger is pulled, depending on which Hand-Held Trigger Mode is selected.

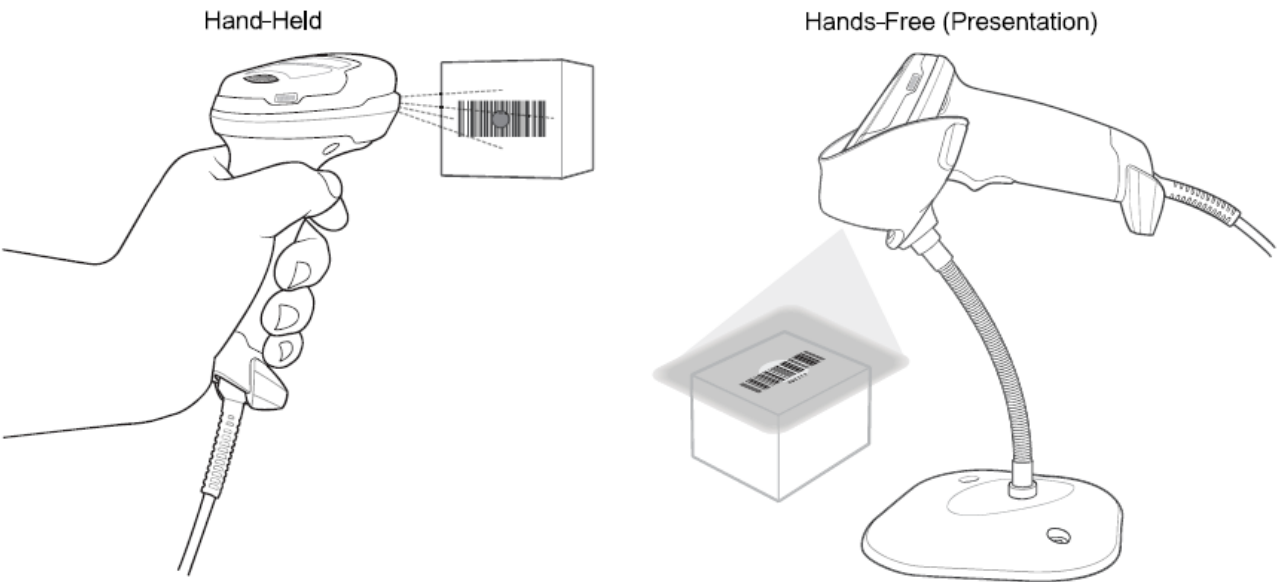


*** Enable Hands-free Mode**



Disable Hands-free Mode

Scanning



Hand-Held Aiming



User Indications By Default

Indication	Beeper Sequence
Power up.	Low/medium/high beeps
Barcode decoded.	Short beep, tone programmable
Transmission error detected; data is ignored.	4 long low beeps
Successful parameter setting.	High/low/high/low beeps
Keyboard parameter selected. Enter value using numeric barcodes.	High/low beeps
Incorrect programming sequence, or Cancel barcode scanned.	Low/high beeps

Indication	LED Indicator
Hand-Held Scanning	
Scanner is on and ready to scan, or no power to scanner.	Off
Barcode is successfully decoded.	Green flash
Transmission error.	Red
Hands-Free (Presentation) Scanning	
No power to scanner or the scanner is in low power mode.	Off
Scanner is ready to scan.	Green
Barcode is successfully decoded.	Momentarily off
Transmission error.	Red

123Scan

123Scan 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: zebra.com/123Scan.

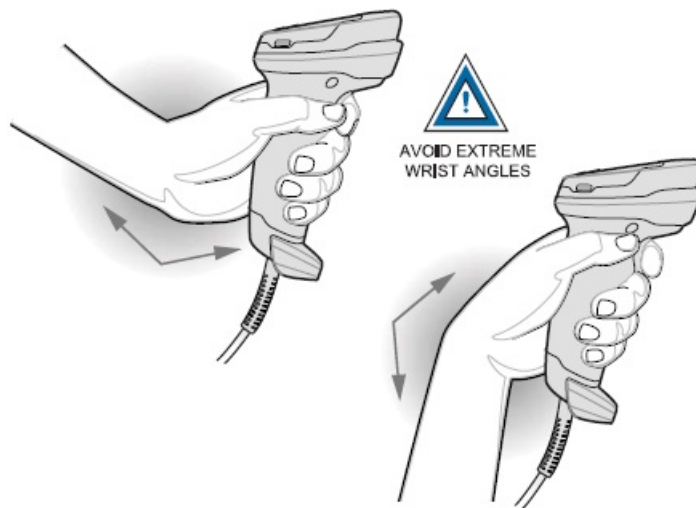
Utility Functionality

- 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).

Troubleshooting

Imager not working	
No power to scanner.	Connect scanner to powered host, or connect power supply.
Imager is disabled.	Ensure that correct host interface cable is used.
Imager decoding barcode, but data not transmitting to host	
Host interface not configured properly.	Scan appropriate host parameter barcodes.
Interface cable is loose.	Ensure all cable connections are secure.
Invalid ADF Rule.	Program the correct ADF rules.
Imager not decoding barcode	
Imager not programmed for barcode type.	Ensure scanner is programmed to read type of barcode being scanned.
Barcode unreadable.	Ensure barcode is not defaced; try scanning test barcode of same barcode type.
Distance between scanner and barcode incorrect.	Move scanner closer to, or further from barcode.
Scanned data incorrectly displayed on host	
Host interface not configured properly.	Scan appropriate host parameter barcodes.
Region improperly configured.	Select appropriate country and language encoding scheme.

Recommended Usage Guide



Alternate left and right hands taking breaks and task rotation is recommended.

Regulatory Information

- This device is approved under Zebra Technologies Corporation.
- This guide applies to the following model number: DS4608-HC
- 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.
- 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: 50°C
- CAUTION: Only use Zebra-approved and NRTL-certified accessories, battery packs, and battery chargers. Do NOT attempt to charge damp/wet mobile computers, printers or batteries. All components must be dry before connecting to an external power source.

Health and Safety Recommendations

Ergonomic Recommendations

To avoid or minimize the potential risk of ergonomic injury, always follow good ergonomic workplace practices. Consult with your local Health and Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

LED Devices

- Classified as 'EXEMPT RISK GROUP' according to IEC 62471:2006 and EN 62471:2008.
- Pulse Duration: 15.2 ms

Power Supply

WARNING ELECTRICAL SHOCK: Use only a Zebra-approved, Certified ITE [LPS] power supply with appropriate electrical ratings. The use of an alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Marking and European Economic Area (EEA)

- Statement of Compliance
- Zebra hereby declares that this device complies with Directives 2014/30/EU, 2014/35/EU, and 2011/65/EU.
- The full text of the EU Declaration of Conformity is available at: zebra.com/doc.
- 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, please 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.

Radio Frequency Interference Requirements – Canada

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 ([B])/NMB-3([B])

Japan (VCCI) – Voluntary Control Council for Interference

Statement of Compliance

Zebra hereby declares that this device complies 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.

The full text of the UK Declaration of Conformity is available at: zebra.com/doc.

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 unit, it must be configured to operate in your facility's network and run your applications. If you have a problem running your unit 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.

Additional Information


For information on using the DS4608-HC, refer to the DS4608-HC product guide available at: zebra.com/ds4608-hc.

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sales@bsr.at

Documents / Resources

	<p>ZEBRA DS4608HC Versatile Handheld Scanners [pdf] User Guide DS4608HC, DS4608HC Versatile Handheld Scanners, Versatile Handheld Scanners, Handheld Scanners, Scanners</p>
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References

- [User Manual](#)