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END USER LICENSE AGREEMENT: For complete EULA information, go to www.zebra.com/eula.

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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: www.zebra.com for the most updated warranty terms.

Terms of Use

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Features

Presentation Mode
Connect Host Interface

USB

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

*USB Keyboard HID

IBM Hand-Held USB

OPOS
(IBM Hand-Held with Full Disable)

SNAPI with Imaging
RS-232

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

*Standard RS-232

ICL RS-232

Nixdorf RS-232 Mode A

Nixdorf RS-232 Mode B

OPOS/JPOS

Fujitsu RS-232
IBM 46XX

The imager automatically detects the host interface type, but there is no default setting. Scan one of the barcodes below to select the appropriate port.

- Non-IBM Scanner Emulation (Port 5B)
- Hand-Held Scanner Emulation (Port 9B)
- Table-Top Scanner Emulation (Port 17)
Keyboard Wedge

The imager 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 barcode below.

---

*IBM AT Notebook

---

IBM PC/AT & IBM PC Compatible

---

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.

USB Caps Lock Override

USB - Do Not Override Caps Lock Key
(Disable)
### Scanning

**Hand-Held Aiming**

![Hand-Held Aiming](image)

**User Indications By Default**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Beeper Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power up.</td>
<td>Low/medium/high beeps</td>
</tr>
<tr>
<td>Barcode decoded.</td>
<td>Short beep, tone programmable</td>
</tr>
<tr>
<td>Transmission error detected; data is ignored.</td>
<td>4 long low beeps</td>
</tr>
<tr>
<td>Successful parameter setting.</td>
<td>High/low/high/low beeps</td>
</tr>
<tr>
<td>Keyboard parameter selected. Enter value using numeric barcodes.</td>
<td>High/low beeps</td>
</tr>
<tr>
<td>Incorrect programming sequence, or Cancel barcode scanned.</td>
<td>Low/high beeps</td>
</tr>
</tbody>
</table>
123Scan

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

**Utility Functionality**

- Device configuration
  - Electronic programming (USB cable)
  - Programming barcode(s)
- Data view - scan log (display scanned barcode data)
- Access asset tracking information
- Upgrade firmware and view release notes
- Remote management (SMS package generation).

## Troubleshooting

<table>
<thead>
<tr>
<th>Indication</th>
<th>LED Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hand-Held Scanning</strong></td>
<td></td>
</tr>
<tr>
<td>Imager is on and ready to scan, or no power to scanner.</td>
<td>Off</td>
</tr>
<tr>
<td>Barcode is successfully decoded.</td>
<td>Green</td>
</tr>
<tr>
<td>Transmission error.</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Hands-Free (Presentation) Scanning</strong></td>
<td></td>
</tr>
<tr>
<td>No power to scanner or the scanner is in low power mode.</td>
<td>Off</td>
</tr>
<tr>
<td>Imager is ready to scan.</td>
<td>Green</td>
</tr>
<tr>
<td>Barcode is successfully decoded.</td>
<td>Momentarily off</td>
</tr>
<tr>
<td>Transmission error.</td>
<td>Red</td>
</tr>
<tr>
<td>Imager not working</td>
<td>Connect scanner to powered host, or connect power supply.</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>---------------------------------------------------------------------</td>
</tr>
<tr>
<td>Imager is disabled.</td>
<td>Ensure that correct host interface cable is used.</td>
</tr>
<tr>
<td>Imager decoding barcode, but data not transmitting to host</td>
<td></td>
</tr>
<tr>
<td>Host interface not configured properly.</td>
<td>Scan appropriate host parameter barcodes.</td>
</tr>
<tr>
<td>Interface cable is loose.</td>
<td>Ensure all cable connections are secure.</td>
</tr>
<tr>
<td>Invalid ADF Rule.</td>
<td>Program the correct ADF rules.</td>
</tr>
<tr>
<td>Imager not decoding barcode</td>
<td></td>
</tr>
<tr>
<td>Imager not programmed for barcode type.</td>
<td>Ensure scanner is programmed to read type of barcode being scanned.</td>
</tr>
<tr>
<td>Barcode unreadable.</td>
<td>Ensure barcode is not defaced; try scanning test barcode of same barcode type.</td>
</tr>
<tr>
<td>Distance between scanner and bar code incorrect.</td>
<td>Move scanner closer to, or further from barcode.</td>
</tr>
<tr>
<td>Scanned data incorrectly displayed on host</td>
<td></td>
</tr>
<tr>
<td>Host interface not configured properly.</td>
<td>Scan appropriate host parameter barcodes.</td>
</tr>
<tr>
<td>Region improperly configured.</td>
<td>Select appropriate country and language encoding scheme.</td>
</tr>
</tbody>
</table>
Recommended Usage Guide

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

This device is approved under Zebra Technologies Corporation.

This guide applies to Model Number DS4608.

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.

Local language translations are available at the following website: [www.zebra.com/support](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.

Declared maximum operating temperature: 50°C.

LED Devices

Classified as 'EXEMPT RISK GROUP' according to IEC 62471:2006 and EN 62471:2008.

Pulse duration: 15.2 ms

Power Supply

Use only a Zebra approved, certified LPS power supply rated 5.2Vdc, Min. 1.1A, 50 Deg. C. Use of any alternative power supply will invalidate the product warranty and may be dangerous.
Radio Frequency Interference Requirements

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

Innovation, Science and Economic Development Canada ICES-003.

Compliance Label: 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 the 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:

www.zebra.com/doc.

Japan (VCCI) - Voluntary Control Council for Interference

Class B ITE

取扱説明書に従って正しい取り扱いをしてください。VCCI-B

Korea Warning Statement for Class B ITE

기 종 별
B급 기기
(가정용 방송통신기기)

/users 안내문
이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

China

通过访问以下网址可下载当地语言支持的产品说明书
China RoHS Disclosure Table

<table>
<thead>
<tr>
<th>部件名称 (Parts)</th>
<th>有害物质</th>
<th>铅 (Pb)</th>
<th>汞 (Hg)</th>
<th>镉 (Cd)</th>
<th>六价铬 (Cr(VI))</th>
<th>多溴联苯 (PBB)</th>
<th>多溴二苯醚 (PBDE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>金属部件 (Metal Parts)</td>
<td>X</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>电路模块 (Circuit Modules)</td>
<td>X</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>电缆及电缆组件 (Cables and Cable Assemblies)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>塑料和聚合物部件 (Plastic and Polymeric Parts)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>光学和光学组件 (Optics and Optical Components)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>电池 (Batteries)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

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 GB/T 26572 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 GB/T 26572 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.
Taiwan RoHS Disclosure Table

限用物質含有情況標示聲明書

<table>
<thead>
<tr>
<th>單元 Unit</th>
<th>限制物質及其化學符號 Restricted substances and its chemical symbols</th>
</tr>
</thead>
<tbody>
<tr>
<td>印刷電路板及電子組件</td>
<td>鉛 (Pb)</td>
</tr>
<tr>
<td>金屬零件</td>
<td>-</td>
</tr>
<tr>
<td>電纜及電纜組件</td>
<td>O</td>
</tr>
<tr>
<td>塑料和聚合物零件</td>
<td>O</td>
</tr>
<tr>
<td>光學與光學元件</td>
<td>O</td>
</tr>
</tbody>
</table>

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.

Eurasian Customs Union

Евразийский Таможенный Союз

Данный продукт соответствует требованиям знака EAC.

EAC

TURKISH WEEE Statement of Compliance

EEE Yönetmeliğine Uygundur
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: www.zebra.com/weee.


