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**Warranty**

For the complete Zebra hardware product warranty statement, go to: [http://www.zebra.com/warranty](http://www.zebra.com/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](http://www.zebra.com) for the most updated warranty terms.
**Imager Features**

- Interface Cable
- Customizable Bezel
- Speaker
- LED Indicator
- Capacitive Touch Trigger

**Presentation Mode**

**Connect Host Interface**

**Set Defaults Bar Code**

Set Factory Defaults
**Enter Key Bar Code (Carriage Return/Line Feed)**

Add an Enter key after scanned data.

---

**Tab Key Bar Code**

Add a Tab key after scanned data.

---

**Set Up Interface (Scan Host Bar Codes)**

**USB Device Type**

The imager defaults to the HID keyboard interface type. If the default (*) does not meet your requirements, scan another host bar code below.

---
USB Caps Lock Override

Override Caps Lock Key (Enable)

*Do Not Override Caps Lock Key (Disable)
Emulate Keypad

*Enable Keypad Emulation

DISABLED KEYPAD EMULATION

Emulate Keypad with Leading Zero

*Enable Keypad Emulation with Leading Zero

DISABLED KEYPAD EMULATION WITH LEADING ZERO

Quick Keypad Emulation

Applies only when Emulate Keypad is enabled.

*Enable Quick Keypad Emulation

DISABLED QUICK KEYPAD EMULATION
Scanning

Correct and Incorrect Triggering

Hand-Held Triggered and Hand-Held Presentation Scanning

Hands-Free Scanning and Aiming
## User Experience

### User Indications (By Default)

<table>
<thead>
<tr>
<th>Indication</th>
<th>Speaker Sequence</th>
<th>Indicator LED</th>
<th>Haptic/ Vibration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power up</td>
<td>Power up tone</td>
<td>Green, then fades out</td>
<td>Double-vibrate</td>
</tr>
<tr>
<td>Ready to scan (hand-held mode)</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Ready to scan (hands-free/presentation mode)</td>
<td>None</td>
<td>Pulsing green</td>
<td>None</td>
</tr>
<tr>
<td>Trigger touch</td>
<td>None</td>
<td>None</td>
<td>Vibrate for 100 ms</td>
</tr>
<tr>
<td>Bar code decoded</td>
<td>Wood block / scan tone 1</td>
<td>Green for 100 ms</td>
<td>None</td>
</tr>
<tr>
<td>Transmission error detected; data is ignored</td>
<td>4 long low tones</td>
<td>Red</td>
<td>None</td>
</tr>
<tr>
<td>Successful parameter setting</td>
<td>High/low/high/low tone</td>
<td>Green for 1 second</td>
<td>None</td>
</tr>
<tr>
<td>Incorrect parameter, programming sequence, or Cancel bar code scanned</td>
<td>Low/high tone</td>
<td>Red for 2 seconds</td>
<td>None</td>
</tr>
</tbody>
</table>

### Decode Feedback

Scan ONE bar code for each option if the default (*) does not meet your requirements.

**Tone/Beep**

*Enable*

*Disable*
Haptic/Vibration

Enable

*Disable

Indicator LED

*Enable

Disable

Trigger Feedback

Scan ONE bar code for each option if the default (*) does not meet your requirements.

Trigger Audio Click

Enable

*Disable

Haptic/Vibration

*Enable

Disable
Scan Tone

Scan ONE bar code for each option if the default (*) does not meet your requirements.

*Wood Block / Tone 1

Pulse / Tone 2

Chime / Tone 3

Zap / Tone 4

Triple Beep / Tone 5

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/123scan2.

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)
### Recommended Usage / Optimum Body Posture

- **Avoid Extreme Wrist Angles**
- **Avoid Bending**
- **Avoid Reaching**

### Troubleshooting

<table>
<thead>
<tr>
<th>Indication</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aiming dot does not appear</td>
<td>Connect imager to powered USB host</td>
</tr>
<tr>
<td>No power to imager</td>
<td>Enable aiming dot</td>
</tr>
<tr>
<td>Aiming dot is disabled</td>
<td></td>
</tr>
<tr>
<td>Imager decodes bar code but does not transmit data</td>
<td></td>
</tr>
<tr>
<td>Transmission or format error</td>
<td>Set the proper communication and conversion parameters</td>
</tr>
<tr>
<td>Invalid ADF rule</td>
<td>Program the correct ADF rules</td>
</tr>
<tr>
<td>Imager does not decode bar code</td>
<td></td>
</tr>
<tr>
<td>Imager not programmed for bar code type</td>
<td>Program the imager to read that bar code type</td>
</tr>
<tr>
<td>Bar code is unreadable</td>
<td>Ensure the bar code is not defaced; scan a test bar code of the same bar code type</td>
</tr>
<tr>
<td>Bar code is out of aiming dot area</td>
<td>Move the aiming dot over the bar code</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 bar codes</td>
</tr>
<tr>
<td>Region improperly configured</td>
<td>Select appropriate country and language encoding scheme</td>
</tr>
</tbody>
</table>
Regulatory Information

This guide applies to Model Number: DS4801.

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.

CAUTION: Only use Zebra approved and UL Listed accessories. Declared maximum operating temperature: 40°C.

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.

Radio Frequency Interference Requirements - FCC

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

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)

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.
Japan (VCCI) - Voluntary Control Council for Interference

Class B ITE

この装置は、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 B급 기기 (가정용 방송통신기자체) 사용자 안내문
이 기기는 가정용 (B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다。

Other Countries

Brazil
Regulatory declarations for DS4801 - BRAZIL
For more information consult the website www.anatel.gov.br
Declarações Regulamentares para DS4801 - Brazil
Nota: A marca de certificação se aplica ao Transceptor, modelo DS4801. Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.
Para maiores informações sobre ANATEL consulte o site: www.anatel.gov.br

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

Mexico
Restrict Frequency Range to: 2.450 – 2.4835 GHz.
La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

S. Korea

For a radio equipment using 2400~2483.5MHz or 5725~5825MHz, the following two expression should be displayed;

Taiwan

臺灣
低功率電波輻射性電機管理辦法
第十二條
經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條
低功率射頻電機之使用不得影響飛航安全及干擾合法通信；
經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信規定作業之無線電通信。
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.


CMM Disclosure.

<table>
<thead>
<tr>
<th>(Parts)</th>
<th>(Pb)?</th>
<th>(Hg)</th>
<th>(Cd)</th>
<th>(Cr(VI))</th>
<th>(PBB)</th>
<th>(PBDE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Metal Parts)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(Circuit Modules)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(Cables and Cable Assemblies)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(Plastic and Polymeric Parts)</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(Optics and Optical Components)</td>
<td>X</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(Batteries)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

This table was created to comply with China RoHS requirements.

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.

Serial Number

Scan the bar code below for the DS4800 serial number.

Report DS4800 Serial Number

DS4800 Product Page

Scan the bar code below to visit the Zebra DS4800 Series product page, where you can access this and all user guides.

http://www.zebra.com/ds4800