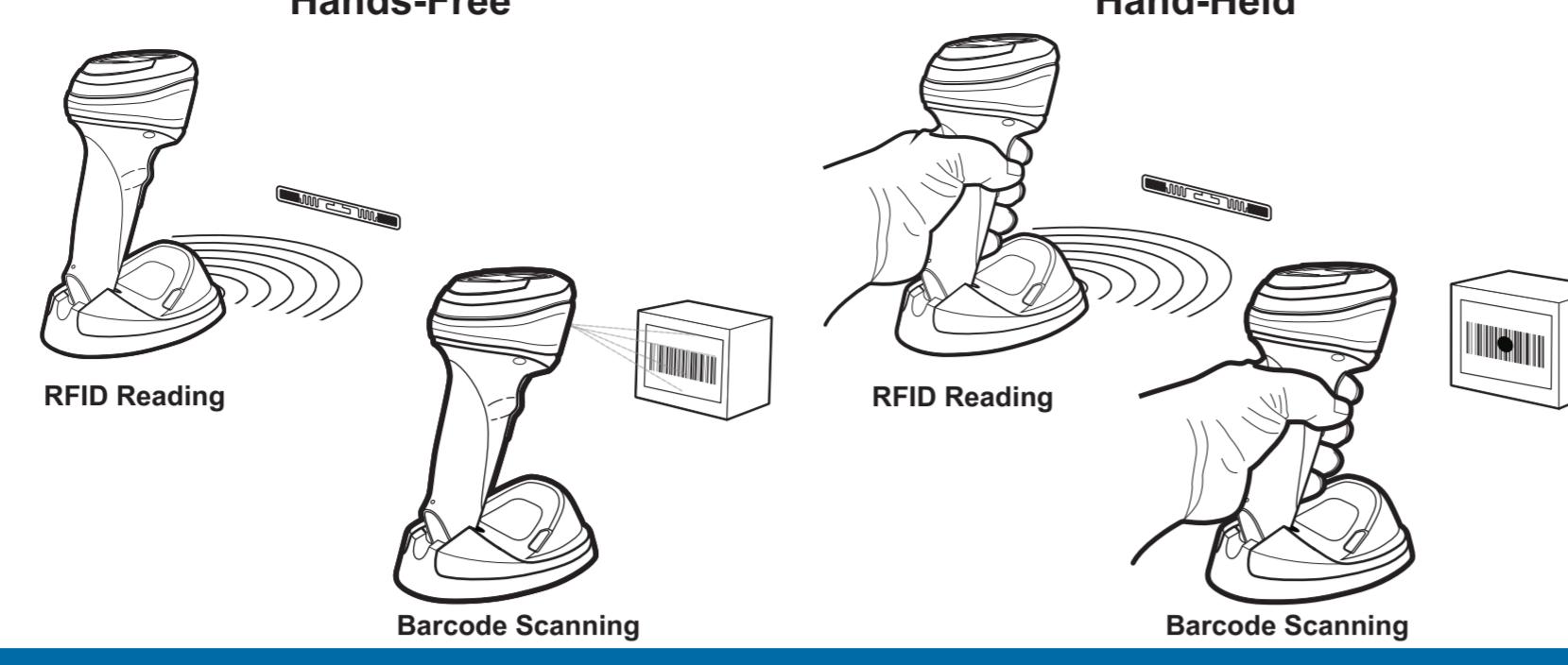


# DS9908R HANDS-FREE IMAGING SCANNER

DS9908R Poster

BLACK

PANTONE 307C



123SCAN

## ABOUT 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)

## Warranty

For the complete Zebra hardware product warranty statement, go to: [www.zebra.com/warranty](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 6658 0722. You may also visit our website: [www.zebra.com](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 Zebra Support at: [www.zebra.com/support](http://www.zebra.com/support).

For the latest version of this guide go to: [www.zebra.com/support](http://www.zebra.com/support).

## USER INDICATIONS BY DEFAULT

Note: For user indications and troubleshooting information for the imaging scanner refer to the DS9908 Hands-Free Imaging Scanner Product Reference Guide.

Speaker Sequence	RFID LED	Indication
None	Green (solid)	LED on when RFID is active.
None	Green (slow blinking)	The reader is polling for new tags.
Medium/high (two tone) beeps	Green momentarily off	An RFID tag was read/reported.
High/medium/low/beeps	Long red blink	Unexpected RFID indication or RFID error.
None	Short red blink	RFID is not ready.

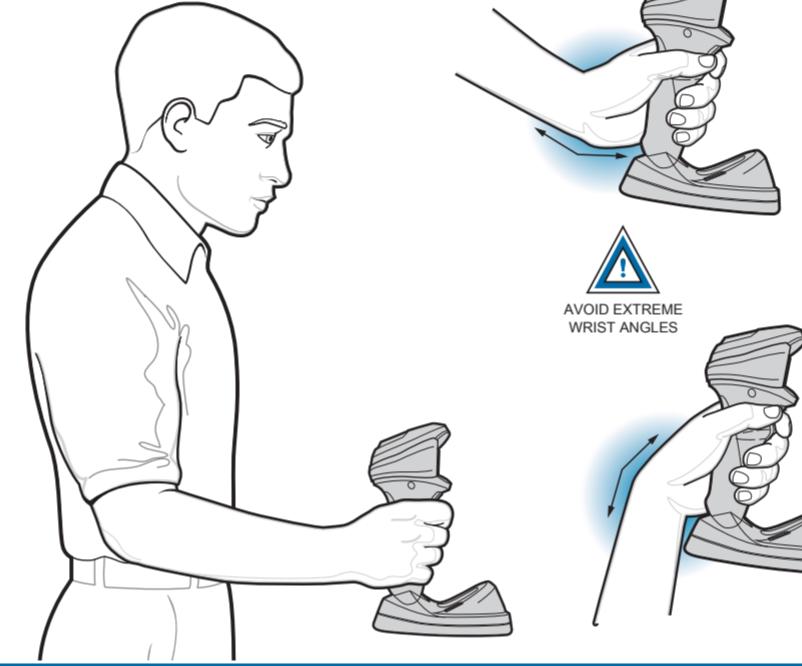
## TROUBLESHOOTING

Problem	Possible Causes	Possible Solutions
Imaging scanner emits 4 short high beeps during read attempt.	Imager has not completed USB initialization.	Wait several seconds and read again.
Imager reads the tag, but does not transmit the data to the host.	Imager is not programmed for the correct host type.	Scan the appropriate host type programming barcode. Refer to the DS9908 Hands-Free Imaging Scanner Product Reference Guide.
Interface cable is loose.	If the imager emits 4 long low beeps, a transmission error occurred.	Reconnect the cable.
Host displays tag data incorrectly.	Imager is not programmed to work with the host.	Set the imager's communication parameters to match the host's setting.
		Scan the appropriate host type programming barcode.
		For RS-232, set the imager's communication parameters to match the host's setting.

## 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 direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.



## REGULATORY INFORMATION

### Regulatory Information

This device is approved under Zebra Technologies Corporation. This guide applies to Model Number DS9908R. 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: 1.5 ms

#### Radio Frequency Interference Requirements

**Tested to comply with FCC Standards**

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 Transmitters (Part 15)

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).

#### Radio Transmitters

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) The device may not cause interference, and (2) The device must accept any interference, including interference that may cause undesired operation.

#### Wireless Device Country Approvals

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use in the following countries and continents: United States, Canada, Japan, China, South Korea, Australia, and Europe.

Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at: [www.zebra.com/doc](http://www.zebra.com/doc).

**Note:** Europe includes Austria, Belgium, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

**Caution:** Operation of the device without regulatory approval is illegal.

#### RF Exposure Guidelines

#### Safety Information

#### Reducing RF Exposure - Use Properly

Only operate the device in accordance with the instructions supplied.

#### International

The device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices. For information on 'international' human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at [www.zebra.com/doc](http://www.zebra.com/doc).

For further information on the safety of RF energy from wireless devices, see [www.zebra.com/safety](http://www.zebra.com/safety) located under Corporate Responsibility.



Zebra Technologies Corporation  
Lincolnshire, IL USA.  
[www.zebra.com](http://www.zebra.com)

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MN-003342-01 Revision A February 2019

### Europe

#### Remote and Standalone Antenna Configurations

To comply with EU RF exposure requirements, antennas that are mounted externally at remote locations or operating near users at stand-alone desktop or similar configurations must operate with a minimum separation distance of 20 cm from all persons.

### US and Canada

#### Co-located statement

To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already approved in this filing.

#### Handheld Devices:

To comply with FCC RF exposure requirements, this device must be operated in the hand with a minimum separation distance of 20 cm or more from a person's body. Other operating configurations should be avoided.

### CE Marking and European Economic Area (EEA)

#### Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directives, 2014/53/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](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、これによって他のラジオやテレビジョン受信機に近接して使用されることがあります。その際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

VCCI-B

### Korea Warning Statement for Class B ITE

사용자 안내문

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

### Brazil

#### Declarações Regulamentares para DS9908R - Brasil

Nota: A marca de certificação se aplica ao Transceptor, mod DS9908R. Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em Sistemas devidamente autorizados.

Para maiores informações sobre ANATEL consulte o site: [www.anatel.gov.br](http://www.anatel.gov.br).

Este produto está homologado pela Anatel, de acordo com os procedimentos regulamentares da Resolução n°242/2001 e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Tasa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência, de acordo com as Resoluções n° 393/2002 e 533/2008.

### China

通过以下网址可下载当地语言支持的产品说明书

[www.zebra.com/support](http://www.zebra.com/support)

产品电磁辐射吸收率(SAR)最大值为xx W/kg, 符合国家标准GB XXXX-XXXX 的要求。

### 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能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，並改善或停止干擾後方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須符合各項合法通信設備之規範。

型號 ABCD: SAR標準值2.0 W/kg ; 送測產品實測值為 : xxxW/kg

• 「本公司於說明書中提供所有必要資訊以指導使用者/安裝者正確的安裝及操作」 警語。

並於該中文使用說明書及器材上標示。

• 「本器材須經專業工程人員安裝及設定，始得設置使用，且不得直接販售給一般消費者」 警語。

公司資訊

台灣斑馬科技股份有限公司 / 台北市信義區松高路9號13樓

#### 限制物質含有情況標示聲明書

設置名稱：Scanner

型號（款式）：DS9908R

Type designation (Type): DS9908R

規格（款式）：

Restrictions on substances and their chemical symbols

(RoHS) (RoHS) (RoHS) (RoHS) (RoHS) (RoHS) (RoHS)

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