

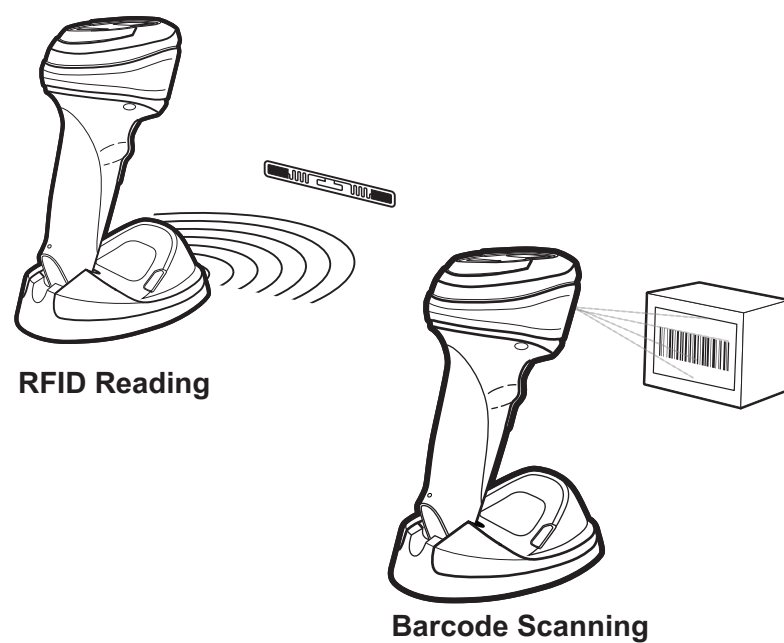
DS9908R HANDS-FREE IMAGING SCANNER

DS9908R Poster

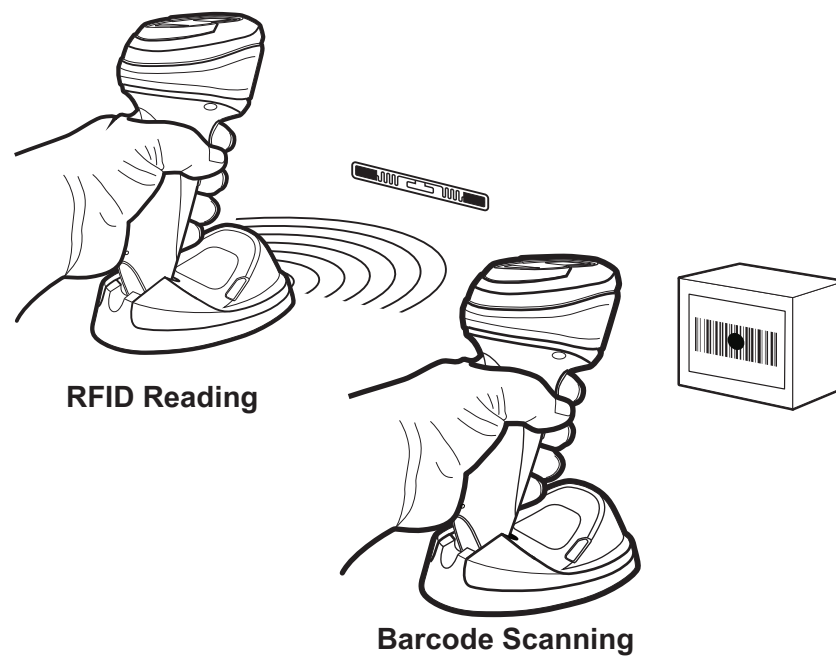
BLACK

PANTONE 307C

Hands-Free



Hand-Held



Warranty

For the complete Zebra hardware product warranty statement, go to: 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 Australian 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.

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. For the latest version of this guide go to: www.zebra.com/support.

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.

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)

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/low beeps	Long red blink	Unexpected RFID indication or RFID error.
None	Short red blink	RFID is not ready.

TROUBLESHOOTING

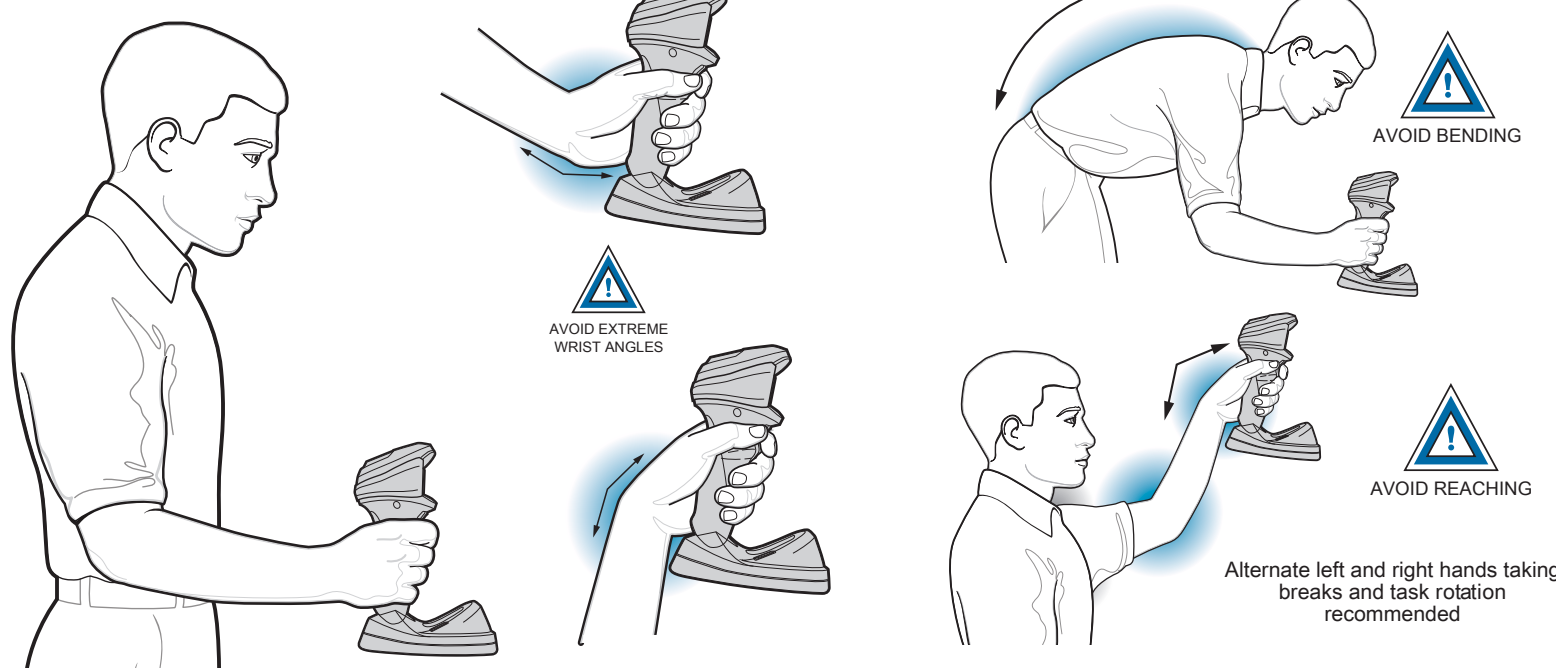
Problem	Possible Causes	Possible Solutions
Imaging scanner emits 4 short high beeps during read attempt.	Imager has not completed USB initialization.	Wait several seconds and read again.
Imager reads the tag, but does not transmit the data to the host.	Imager is not programmed for the correct host type.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

OPTIMUM ARM POSITION



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.

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

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 instruction manual, 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) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

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.

Regulatory Information

FCC Tested to comply with FCC Standards FOR HOME OR OFFICE USE

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.

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。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。

VCCI-B

Korea Warning Statement for Class B ITE

이 기기는 가정용 (B급)으로 전자파적합증을 받은 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.

Este produto está homologado pela Anatel, de acordo com os procedimentos regulamentados pela Resolução nº242/2000 e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Taxa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência, de acordo com as Resoluções nº 303/2002 e 533/2009.

Chile

Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaría de telecomunicaciones, relativa a radiaciones electromagnéticas. Para la función UHF RFID, se ajustará el dispositivo a operar en el interior de inmuebles en la banda de 915 a 928 MHz con una potencia máxima radiada no superior a 100 mW, conforme a Resolución 755 parte Art 1. (3).

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/support

本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。

CMM Disclosure

物料名称 (Part)	鉛 (Pb)	汞 (Hg)	六價鉻 (Cr VI)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
金屬零件 (Metal Parts)	X	0	0	0	0
印刷電路板 (Printed Circuit Boards)	X	0	0	0	0
組裝及組裝零件 (Cables and Cable Assemblies)	0	0	0	0	0
塑料組裝零件 (Plastic and Polymer Parts)	0	0	0	0	0
光學和光學零件 (Optics and Optical Components)	0	0	0	0	0
電池 (Batteries)	0	0	0	0	0

本表係根據SJ/T 11364 的要求編制。

註: 本表僅供參考, 物料名稱與物料清單中的物料名稱, 符合 SJ/T 11364-2014 國家標準。如有物料名稱與本表物料名稱不一致, 請參閱物料清單中 SJ/T 11364-2014 國家標準的說明。 (本表可能有錯誤, 根據實際情況及生產中打標的技術要求進行更改。)

This table was created to comply with China RoHS requirements.

Mexico

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.

Ukraine

Дане обладнання відповідає вимогам технічного регламенту №1057, № 2008 на обмеження щодо використання деяких небезпечних речовин в електричних та електронних виробниках.

Thailand

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทข. (Communications and Electronics Commission of Thailand)

Regulatory Information

Taiwan

臺灣

低功率電磁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航空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, 指依電信法規定作業之無線電通信。民用無線電設備或工業、科學及醫療用電磁輻射性電機設備之干擾。

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/安裝者正確之安裝及操作。」 警告。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師安裝及設定, 始得設置使用, 且不得讓販售給一般消費者。」 警告。

公司資訊

台灣班馬科技股份有限公司 / 台北市信義區松高路8號13樓

限制物質含有情況標示聲明書

單元 (Unit)	限制物質及其化學符號 (Restricted substances and its chemical symbols)					
	鉛 (Pb)	汞 (Hg)	六價鉻 (Cr VI)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)	
印刷電路板及電子零件	-	0	0	0	0	0
金屬零件	-	0	0	0	0	0
電線及電纜零件	0	0	0	0	0	0
塑料組裝零件	0	0	0	0	0	0
光學及光學零件	0	0	0	0	0	0

備註: "超過 0.1 wt%" 及 "超過 0.01 wt%" 係指所用物質之百分比重量比之最高標準值。

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 content.

Note 2: "0" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

Note 3: "-" indicates that the restricted substance corresponds to the exemption.

Eurasian Customs Union

Евразийский Таможенный Союз

Данный продукт соответствует требованиям знака ЕАС.

EAC

TURKISH WEEE Statement of Compliance

EEE Yönetmeli

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: www.zebra.com/weee.

Bulgarian: За клиентите от ЕС: След края на ползването им всички изделия трябва да се върнат на Zebra за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: www.zebra.com/weee.

Catalan: Per als clients de l'UE: Vostres productes ja han de ser retornats a Zebra per a reciclar-los. Informació o suport sobre el retorn de productes consulteu a: www.zebra.com/weee.

Danish: Til kunder i EU: Alle produkter skal returneres til Zebra til genbrug. Når de er udtjent. Læs information om how to return product på www.zebra.com/weee.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter www.zebra.com/weee.

Eskayan: Para mga kliyente sa UE: Eke na produkto, ang buong buhay ng produkto ay dapat magbalik sa aming Zebra sa aming kompanya. Para maging maayos ang mga produkto, magbigay ng detalyadong impormasyon sa aming Zebra sa www.zebra.com/weee.

Eesti: El klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Zebra'le. Lisainformatsiooni saamiseks toote tagastamise kohta küsige meie paketi aadressil: www.zebra.com/weee.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: www.zebra.com/weee.

Français: Clients de l'Union Européenne: Tous les produits en fin de cycle de vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultez: www.zebra.com/weee.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Zebra al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: www.zebra.com/weee.

Latvian: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānosūtīta apkaļai Zebra atvērīgajai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdz: skatīt: www.zebra.com/weee.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatavimo laikui, turi būti grąžinti užtikėjusiai kompanijai Zebra. Daugiau informacijos, kaip grąžinti gaminį, rasite: www.zebra.com/weee.

Magyar: Az EU-ban vásárlókak: Minden termékemet termékek a Zebra vállalatához kell eljuttatni ügyszerűsítés céljából. A termék visszajuttatásának módjáról kapcsolatos tudnivalókat látogasson el a www.zebra.com/weee weboldalra.

Malti: Għal klijenti f'UE: il-prodotti kollha li jkun wiesli f'ahħar tal-ħajja tagħom, idur iġu rritornali għand Zebra għar-riċiklaġġ. Għal aktar taġġir dwar kif għandek tirritorna i-prodott, jekk jogħġbok zur: www.zebra.com/weee.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg www.zebra.com/weee voor meer informatie over het terugzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Zebra w celu ich utylizacji. Informacje na temat zwrótu produktów znajdź się na stronie internetowej: www.zebra.com/weee.

Portuguese: Para clientes da UE: todos os produtos no fim da vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: www.zebra.com/weee.

Românesc: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre returnarea produsului, accesați: www.zebra.com/weee.

Slovenščina: Pri zbiranju in predaji EU: Vse vaše proizvode morate po uporabi vrniti na Zebra za varnejše obdelavo. Za več informacij o Zebra za varnejšo obdelavo, obiščite naš spletni naslov: www.zebra.com/weee.

Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklajo. Za informacije o vračilu izdelka obiščite: www.zebra.com/weee.

Suomi: Asiakkaille Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Zebra-yhteyteen, kun tuotetta ei enää käytetä. Lisätietoja tuotteiden palauttamisesta on osoitteesta www.zebra.com/weee.

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på www.zebra.com/weee.

Tiếng Việt: Khách hàng Việt Nam: Mọi sản phẩm của chúng tôi đã hết hạn sử dụng cần được gửi về Zebra để tái chế. Xin truy cập địa chỉ website của chúng tôi để biết thêm chi tiết về cách gửi hàng của bạn về Zebra. www.zebra.com/weee.

DS9908R

MN-003342-01 Revision A February 2019