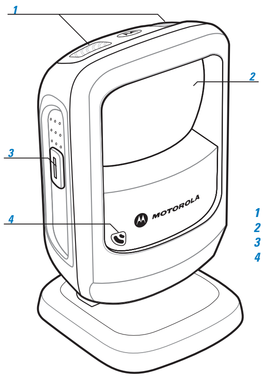
DS9208
Quick Start Guide

http://www.motorola.com/ds9208

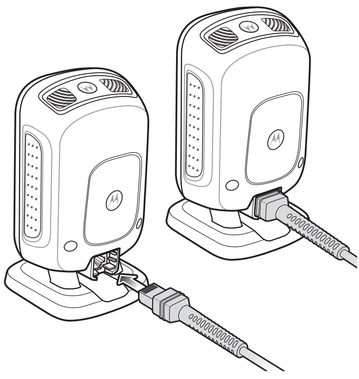
See Product Reference Guide for detailed information

POST IN WORK AREA



1 LED Indicators
2 Scan Window
3 Scan Trigger
4 Beeper

CORD ATTACHMENT



WALL MOUNTING

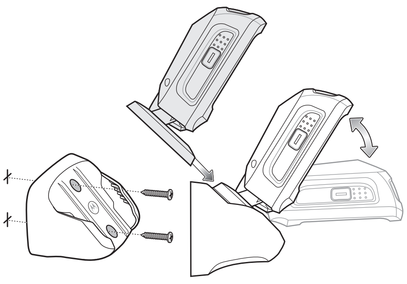
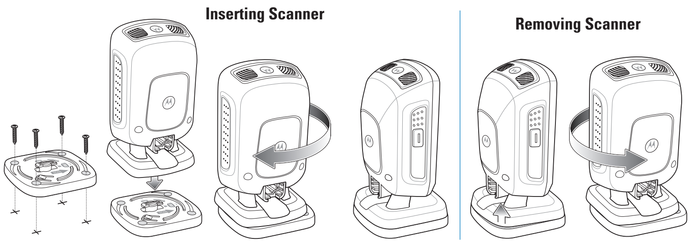


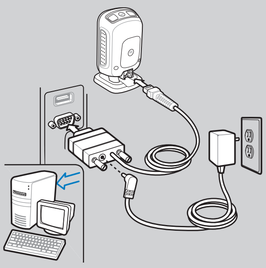
TABLE TOP MOUNTING



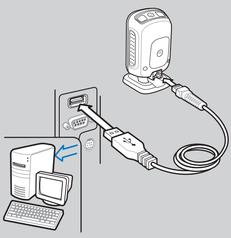
HOST INTERFACES

NOTE: Cables may vary depending on configuration

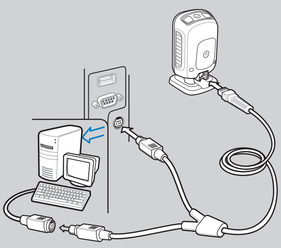
RS-232



USB

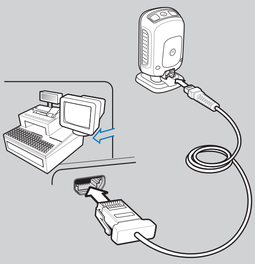


Keyboard Wedge



Power supply optional

IBM 46XX



TROUBLESHOOTING

Scanner not working

No power to scanner
- Check system power; ensure power supply, if required, is connected

Incorrect interface cable used
- Ensure that correct interface cable is used

Interface/power cables are loose
- Ensure all cable connections are secure

Scanner not decoding bar code

Scanner not programmed for bar code type
- Ensure scanner is programmed to read type of bar code being scanned

Bar code unreadable
- EnsEnsure bar code is not defaced; try scanning test bar code of same bar code typeure bar code is not defaced; try scanning test bar code of same bar code type

Distance between scanner and bar code incorrect
- Move scanner closer to or further from bar code

Scanner decoding bar code, but data not transmitting to host

Scanner not programmed for correct host interface
- Scan appropriate host parameter bar codes

Interface cable is loose
- Ensure all cable connections are secure

Scanned data incorrectly displayed on host

Scanner not programmed for correct host interface
- Scan appropriate host parameter bar codes

DS9208 PROGRAMMING BAR CODES

Set Defaults

SET DEFAULTS

Enter Key (Carriage Return/Line Feed)

<DATA><SUFFIX 1>

USB Host Types

HID KEYBOARD EMULATION

SNAPI WITH IMAGING

IBM HAND-HELD USB

SNAPI WITHOUT IMAGING

RS-232 Host Types

STANDARD RS-232

NIXDORF RS-232 MODE B

ICL RS-232

FUJITSU RS-232

NIXDORF RS-232 MODE A

OPOS/JPOS

IBM 46XX Host Types

PORT 5B

PORT 9B

Keyboard Wedge Host Types

IBM PC/AT and IBM PC COMPATIBLE

PORT 17

Scan ***ONE*** of the following country types

NORTH AMERICAN

ITALIAN

FRENCH

SWEDISH

FRENCH CANADIAN

UK ENGLISH

GERMAN

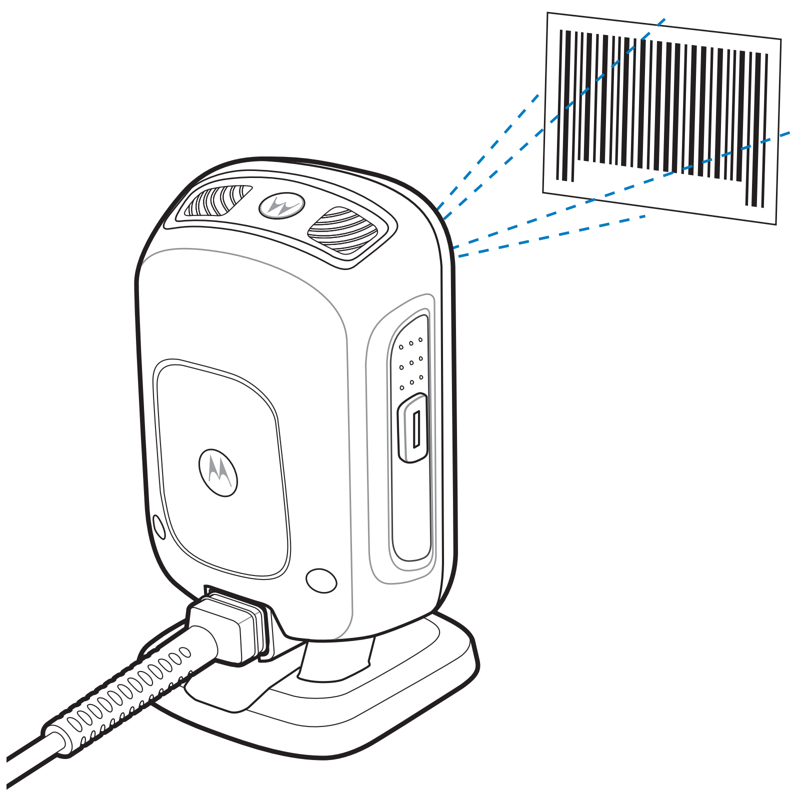
JAPANESE

SPANISH

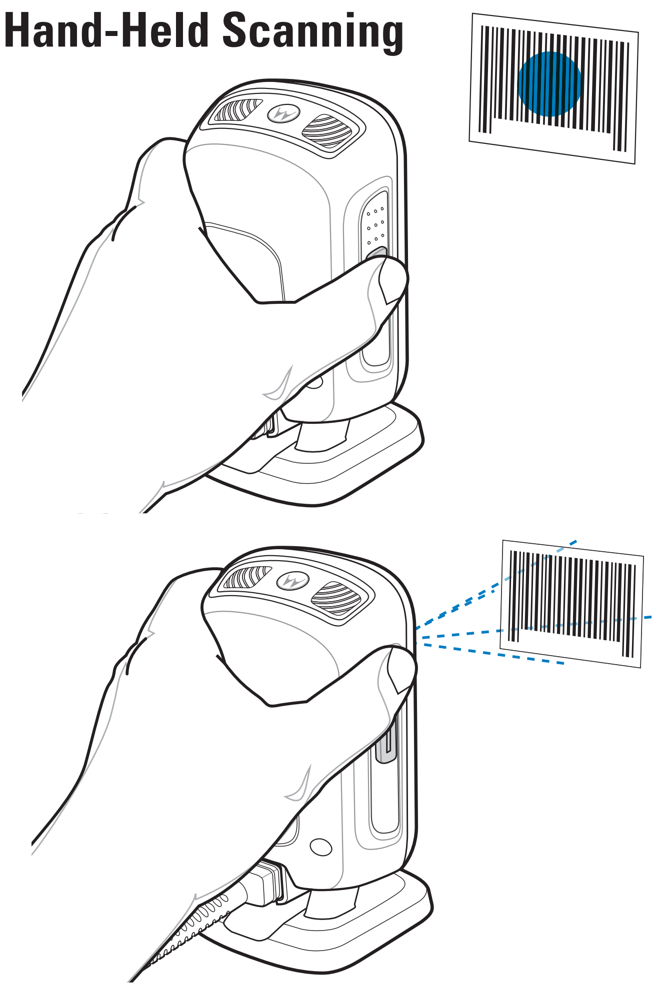
DS9208

OPTIMUM SCANNING

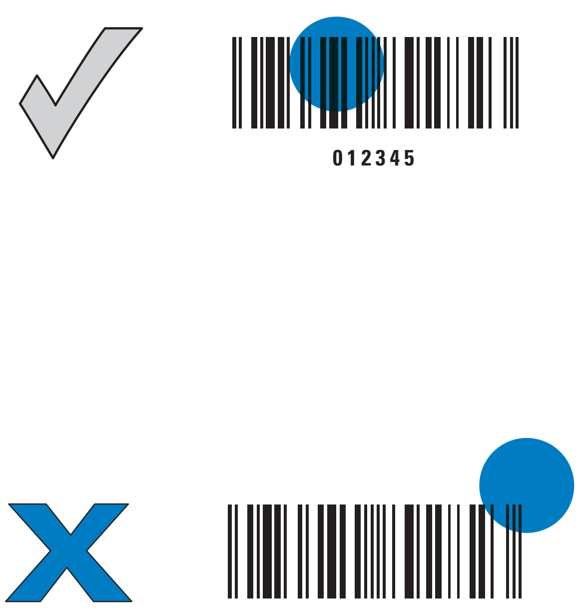
Hands-Free Scanning



Hand-Held Scanning

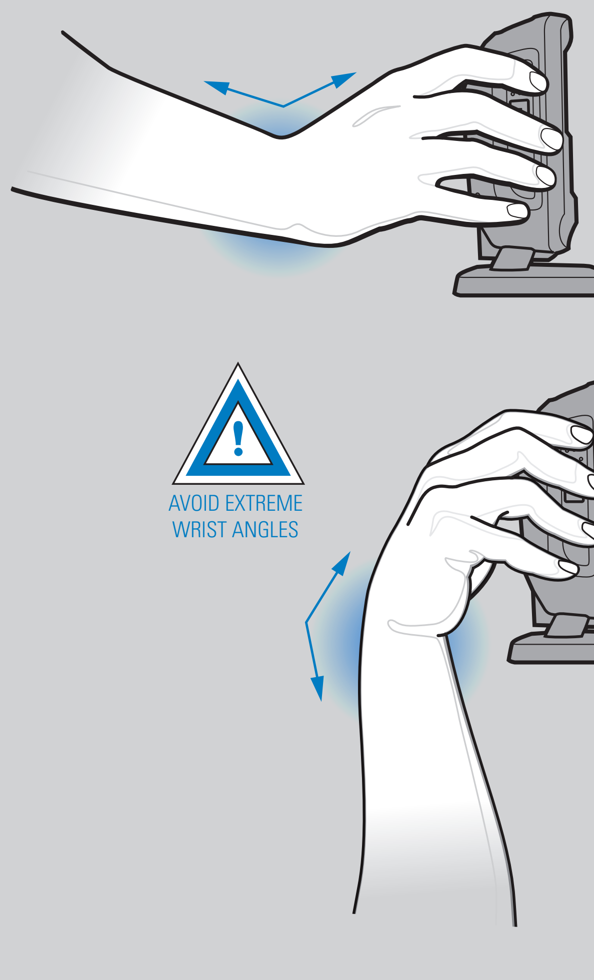


Aiming

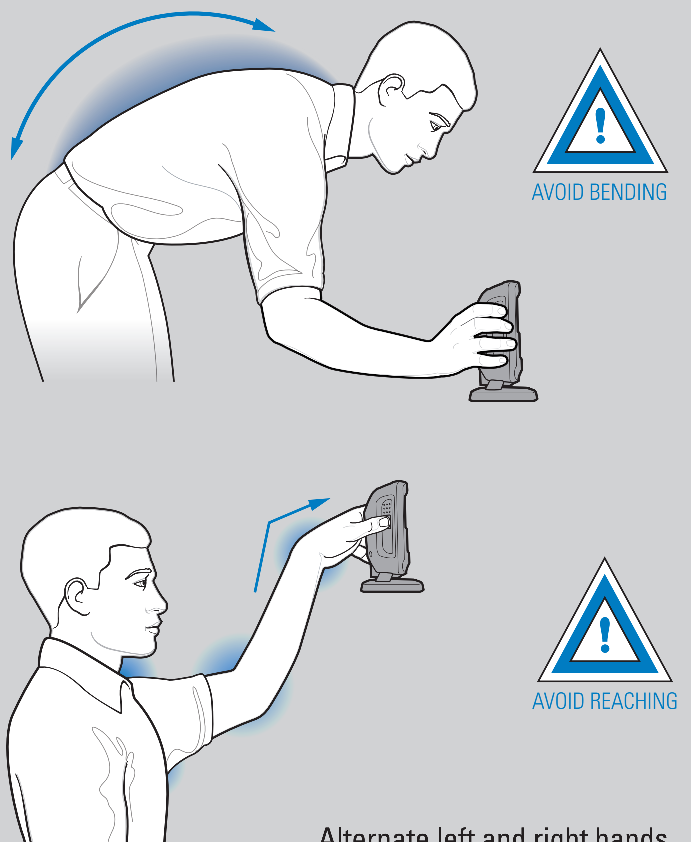


OPTIMUM ARM POSITION

AVOID EXTREME WRIST ANGLES



AVOID BENDING AND REACHING



Alternate left and right hands taking breaks and task rotation recommended

BEEPER INDICATIONS

Standard Use

Low/medium/high beep — Power up

Short medium beep — Bar code decoded

4 long low beeps — Transmission error detected; data is ignored

Parameter Menu Scanning

High/low/high/low beep — Successful parameter setting

High/low beep — Correct programming sequence performed

Low/high beep — Incorrect programming sequence or "Cancel" bar code scanned

LED INDICATIONS

Hand-Held Scanning

Off — Scanner is on and ready to scan, or no power to scanner

Green — Bar code is successfully decoded

Red — Transmission error

Hands-Free (Presentation) Scanning

Off — No power to scanner

Green — Scanner is ready to scan

Off Momentarily — Bar code is successfully decoded

Red — Transmission Error

Local Contact:____________________

123SCAN^2

123Scan^2 is an easy-to-use, PC-based software tool that enables rapid and easy customized setup via a bar code or USB cable. For more information, visit: http://www.motorola.com/123Scan^2.

DS9208

REGULATORY INFORMATION

© 2011 MOTOROLA SOLUTIONS, INC. All rights reserved.
Motorola reserves the right to make changes to any product to improve reliability, function, or design. Motorola does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Motorola products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Motorola products. MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners.
This Motorola Product may include Motorola Software, Commercial Third Party Software, and Publicly Available software. Refer to *Product Reference Guide* for complete copyright, conditions and disclaimer information.

Warranty

For the complete Motorola hardware product warranty statement, go to: http://www.motorola.com/enterprisemobility/warranty.

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 Motorola Solutions Support at:

http://www.motorolasolutions.com/support.

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

Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Motorola for recycling. For information on how to return product, please go to: http://www.motorola.com/recycling/weee.
Български: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Motorola за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: http://www.motorola.com/recycling/weee.
Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Motorola k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.motorola.com/recycling/weee.
Dansk: Til kunder i EU: Alle produkter skal returneres til Motorola til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.motorola.com/recycling/weee.
Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter http://www.motorola.com/recycling/weee.
Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Motorola για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση http://www.motorola.com/recycling/weee στο Διαδίκτυο.
Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorola'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.motorola.com/recycling/weee.
Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: http://www.motorola.com/recycling/weee.
Français : Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : http://www.motorola.com/recycling/weee.
Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: http://www.motorola.com/recycling/weee.
Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogada atpakaļ Motorola otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: http://www.motorola.com/recycling/weee.
Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Motorola". Daugiau informacijos, kaip grąžinti gaminį, rasite: http://www.motorola.com/recycling/weee.
Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Motorola vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a http://www.motorola.com/recycling/weee weboldalra.
Malti: Għal klijenti fl-UE: il-prodotti kollha li jkunu waslu fl-aħħar tal-ħajja ta' l-użu tagħhom, iridu jiġu rritornati għand Motorola għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok żur: http://www.motorola.com/recycling/weee.
Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Motorola te worden teruggezonden voor recycling. Raadpleeg http://www.motorola.com/recycling/weee voor meer informatie over het terugzenden van producten.
Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Motorola w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej http://www.motorola.com/recycling/weee.
Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Motorola para reciclagem. Para obter informações sobre como devolver o produto, visite: http://www.motorola.com/recycling/weee.
Românesc: Pentru clienţii din UE: Toate produsele, la sfârşitul duratei lor de funcţionare, trebuie returnate la Motorola pentru reciclare. Pentru informaţii despre returnarea produsului, accesaţi: http://www.motorola.com/recycling/weee.
Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Motorola na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: http://www.motorola.com/recycling/weee.
Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Motorola za reciklažo. Za informacije o vračilu izdelka obiščite: http://www.motorola.com/recycling/weee.
Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorola-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa http://www.motorola.com/recycling/weee.
Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du returnerar produkten finns på http://www.motorola.com/recycling/weee.
Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüştürme için Motorola'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: http://www.motorola.com/recycling/weee. EEE Yönetmeliğine Uygundur

MOTOROLA
Motorola Solutions, Inc.
One Motorola Plaza Holtsville, New York 11742-1300, USA

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72-140088-01 Revision B November 2011

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 guide applies to Model Number DS9208.

All Motorola 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.motorolasolutions.com/support.

Any changes or modifications to Motorola equipment, not expressly approved by Motorola, could void the user's authority to operate the equipment.

Declared maximum operating temperature: 40° C / 104° F.

Radio Frequency Interference Requirements

Tested to comply with FCC Standards
FOR HOME OR OFFICE USE

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 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)

CE

Statement of Compliance

Motorola hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC and 2006/95/EC. A Declaration of Conformity may be obtained from http://www.motorola.com/doc.

EAS

System integrator to ensure final product is compliant with all applicable EU Directives.

http://www.motorola.com/ds9208

Japan (VCCI) - Voluntary Control Council for Interference

Class B ITE

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラス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。

This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

Korea Warning Statement for Class B ITE

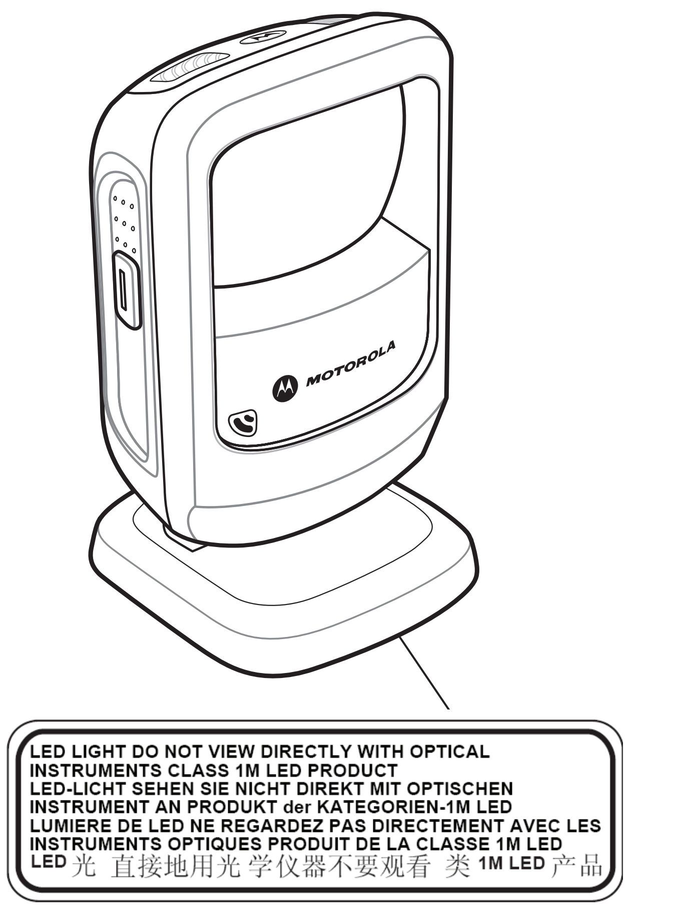
Class	User's Guide
Class B (Broadcasting Communication Device for Home Use)	This device obtained EMC registration mainly for home use (Class B) and may be used in all areas.
기 종 별	사용자 안내문
B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Power Supply

Use ONLY a LISTED Motorola, Type no. PWRS-14000 (5Vdc, 850mA), direct plug-in power supply, marked Class 2 or LPS (IEC60950-1, SELV). Use of alternative Power Supply will invalidate any approvals given to this unit and may be dangerous.

LED Devices

Complies with IEC/EN60825-1:2001 & EN 62471: 2006 and IEC62471: 2008.



Caution - use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous light exposure.

DS9208

Recommended Usage Guide

L-TRONDIRECT

Your Success is Our Passion!

35 YEARS

www.L-TronDirect.com

800-830-9523

info@L-Tron.com

Get in touch with us on social media!

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

www.L-Tron.com