

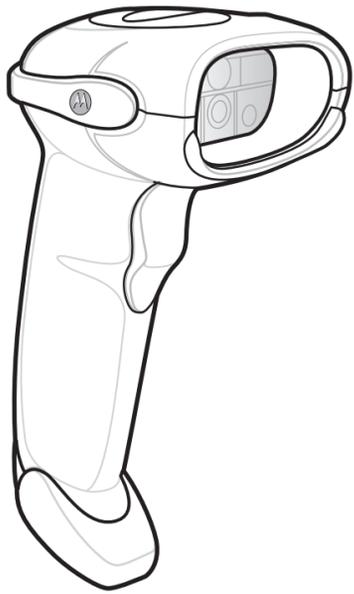
# DS4208

## Quick Start Guide

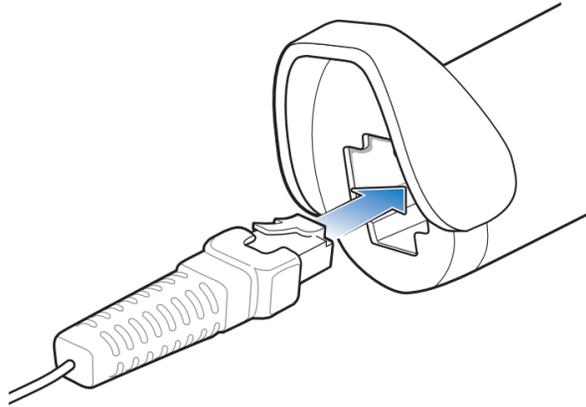


### STEP 1 - ATTACH CABLE TO SCANNER

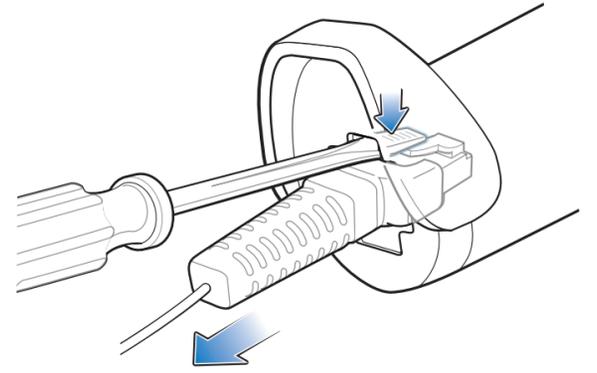
<http://www.motorola.com/ds4208>



#### Attach Cable



#### Remove Cable (to change interface)

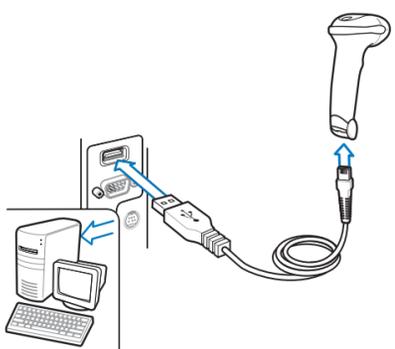


Note: An audible click sounds when the shielded cable is inserted correctly.

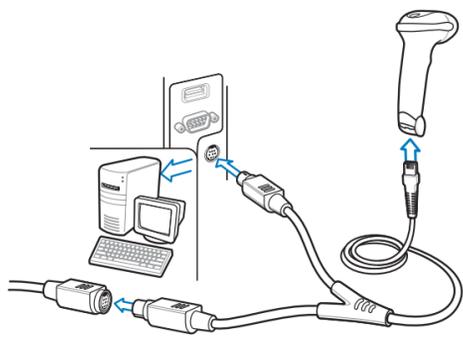
### STEP 2 - CONNECT CABLE TO A HOST

NOTE: Cables may vary depending on configuration.

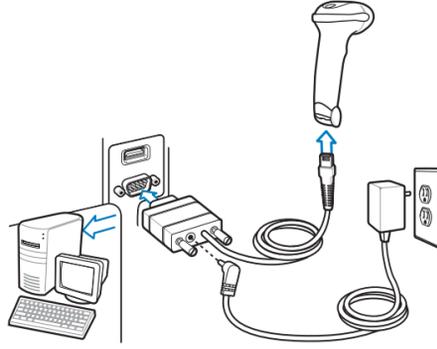
#### USB



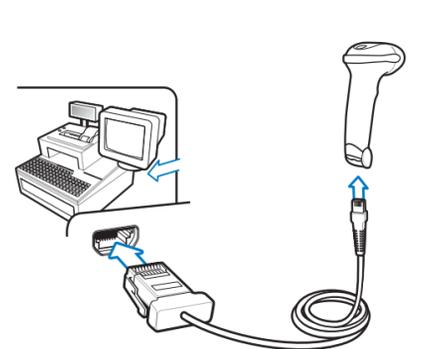
#### Keyboard Wedge



#### RS-232



#### IBM 46XX



### STEP 3 - SET UP INTERFACE (Scan Host Bar Codes)

**Important:** Out of box, RS-232 and USB interfaces require no bar code scan setup. Bar codes are provided for complex programming or interface changes.

#### USB

Scan **ONE** of the bar codes below



IBM HAND-HELD USB



HID KEYBOARD EMULATION



Symbol Native API (SNAPI) without Imaging Interface

#### Keyboard Wedge

Scan **ONE** of the bar codes below



IBM AT Notebook



IBM PC/AT and IBM PC COMPATIBLE

#### RS-232

Scan **ONE** of the bar codes below



OPOS/JPOS



STANDARD RS-232

#### IBM 46XX

Scan **ONE** of the bar codes below



PORT 5B



PORT 9B

### ADD AN ENTER KEY (CARRIAGE RETURN/LINE FEED)

To add an **ENTER** key after scanned data, scan all **THREE** bar codes below in numerical order.

1



SCAN OPTIONS

2



<DATA><SUFFIX>

3



ENTER

### ADD A TAB KEY

To add a **Tab** key after scanned data, scan all **THREE** Enter key bar codes above in numerical order then scan all **FIVE** bar codes below in numerical order.

1



SCAN SUFFIX

2



7

3



0

4



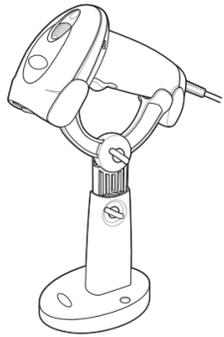
0

5



9

# INTELLISTAND



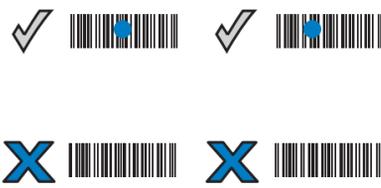
# SET DEFAULTS

Return to Factory Defaults



SET DEFAULTS

# OPTIMUM SCANNING



# 123SCAN<sup>2</sup>

123Scan<sup>2</sup> 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/123Scan2>.

# SCANNER INDICATIONS

## LED Indications

### Standard Use

<b>Off</b> Scanner is on and ready to scan, or no power to scanner	<b>Green</b> Bar code is successfully decoded	<b>Red</b> Transmission error
---	--	----------------------------------

## Beeper Indications

### Standard Use

<b>Low/medium/high beeps</b> Power up	<b>Short beep</b> Bar code symbol decoded (if decode beeper enabled)	<b>4 low beeps</b> Transmission error detected, data is ignored
<b>Parameter Menu Scanning</b>	<b>High/low beeps</b> Keyboard parameter selected.	<b>Low/high beeps</b> Input error; incorrect bar code, programming sequence, or Cancel scanned

## Troubleshooting

### Scanner not working

<b>No power to scanner</b> Check system power; ensure power supply, if required, is connected	<b>Incorrect interface cable used</b> Ensure that correct interface cable is used	<b>Interface/power cables are loose</b> Ensure all cable connections are secure
--	--	--

### Scanner decoding bar code, but data not transmitting to host

<b>Scanner not programmed for correct host interface</b> Scan appropriate host parameter bar codes	<b>Interface cable is loose</b> Ensure all cable connections are secure
---	--

### Scanned data incorrectly displayed on host

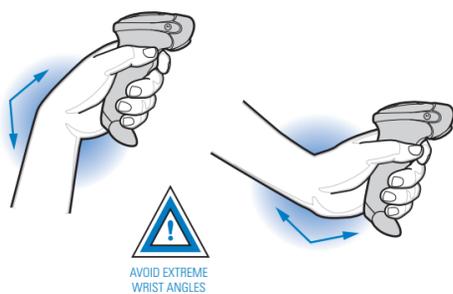
<b>Scanner not programmed for correct host interface</b> Scan appropriate host parameter bar codes
---

### Scanner not decoding bar code

<b>Scanner not programmed for bar code type</b> Ensure scanner is programmed to read type of bar code being scanned	<b>Bar code unreadable</b> Ensure bar code not defaced; try scanning test bar code of same bar code type	<b>Distance between scanner and bar code incorrect</b> Move scanner closer to or further from bar code
--	---	---

# RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

## Avoid Extreme Wrist Angles



## Avoid Bending



## Avoid Reaching



## 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

© 2011 MOTOROLA, 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.

## Power Supply

Use ONLY a LISTED Motorola, Type no. PWRS-14000 (5.2Vdc, 850mA minimum), 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.

## 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 the Motorola Solutions Support at: <http://supportcentral.motorola.com>.

For the latest version of this guide go to: <http://supportcentral.motorola.com>.

## 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>.

**Polish:** Za koniecem of EC. Średz kraj na polskie imi i wozem wozni produkti trzeba da do sprzedac na Motorola za recyklinga. Za informacje o sposobie wrzucenia do recyklingu, wazn oznaczenie na opakowaniu: <http://www.motorola.com/recycling/weee>.

**Catalan:** Per acabar amb el UE. Vostres productes ja no s'han de tirar a la basura sinó a reciclar. Per més informació sobre com reciclar, visiteu: <http://www.motorola.com/recycling/weee>.

**Dutch:** Tegen de achtergrond van de EU. Alle producten moeten aan het einde van hun levensduur worden gerecycled. Voor informatie over het retourneren van producten, ga naar: <http://www.motorola.com/recycling/weee>.

**French:** Pour respecter l'UE. Tous les produits en fin de cycle de vie doivent être recyclés. Pour plus d'informations sur le retour de produits, consultez: <http://www.motorola.com/recycling/weee>.

**German:** Um die Anforderungen der EU zu erfüllen, müssen alle Produkte am Ende ihrer Lebensdauer an Motorola zurückgegeben werden. Informationen zur Rückführung von Produkten finden Sie unter: <http://www.motorola.com/recycling/weee>.

**Italian:** Per rispettare l'UE. Tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentire il riciclaggio. Per informazioni sulle modalità di restituzione, visitate il seguente sito Web: <http://www.motorola.com/recycling/weee>.

**Japanese:** EUに準拠して、すべての製品は廃棄前に回収する必要があります。製品の回収方法については、以下のウェブサイトをご覧ください: <http://www.motorola.com/recycling/weee>.

**Korean:** EU 규정을 준수하기 위해, 모든 제품은 수명이 다한 후 반드시 재활용을 위해 회수되어야 합니다. 재활용 방법 및 기타 정보는 다음 웹사이트를 방문하십시오: <http://www.motorola.com/recycling/weee>.

**Portuguese:** Para cumprir a 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>.

**Russian:** Для соответствия требованиям ЕС. Все продукты должны быть возвращены в Motorola для переработки. Для получения информации о том, как вернуть продукт, посетите сайт: <http://www.motorola.com/recycling/weee>.

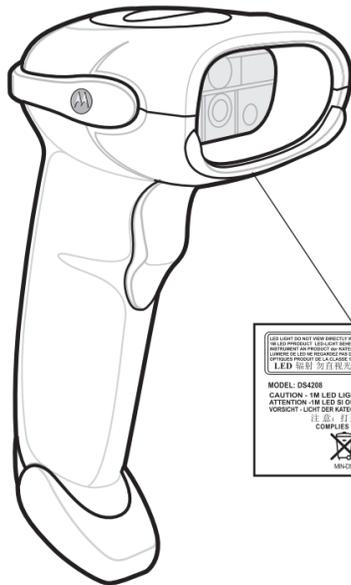
**Slovak:** Na splnenie požiadaviek EÚ. Všetky výrobky musia byť po skončení doby ich životnosti vrátené spoločnosti Motorola na recykliáciu. Súčasťou informácie o vrátení výrobkov nájdete na: <http://www.motorola.com/recycling/weee>.

**Slovenian:** Za skladanje v EU. Vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Motorola za recikliranje. Za informacije o vračilu izdelka obiščite: <http://www.motorola.com/recycling/weee>.

**Spanish:** Para cumplir con la UE, todos los productos deben ser devueltos a Motorola para reciclaje. Para obtener más información sobre cómo devolver el producto, visite: <http://www.motorola.com/recycling/weee>.

**Turkish:** AB Direktifleri için: Kullanım süresi dolan tüm ürünler geri dönüşümü için Motorola'ya iade edilmelidir. Ürünleri nasıl iade edileceği hakkında bilgi için lütfen aşağıdaki siteyi ziyaret edin: <http://www.motorola.com/recycling/weee>.

## Scanner Labeling



## Regulatory Information

This device is approved under Motorola, Inc. ("Motorola"). This guide applies to Model Number: DS4208. 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://supportcentral.motorola.com>.

Any changes or modifications to Motorola Technologies equipment, not expressly approved by Motorola, could void the user's authority to operate the equipment. Antennas: Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could cause damage and may violate regulations.

## LED Devices

Complies with IEC/EN60825-1:2001 & IEC/EN62471:2006 For devices with Class 1M LEDs the following label is used:

## 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

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>.

## TURKISH WEEE Statement of Compliance

EEE Yönetmeliğine Uygundur

## 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。

## Korea Warning Statement for Class B ITE

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

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# DS4208

<http://www.motorola.com/ds4208>