

DS4800 SERIES CORDED DIGITAL IMAGER QUICK START GUIDE



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Warranty

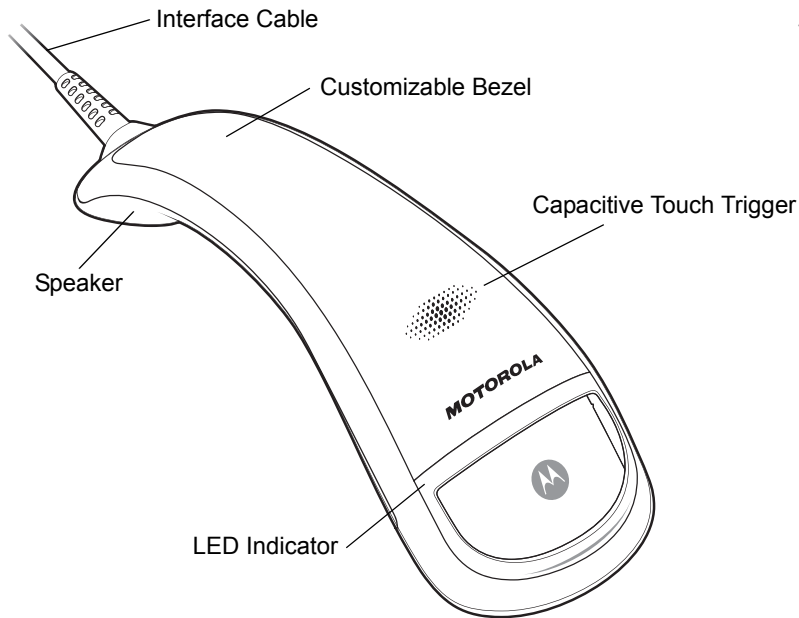
For the complete Motorola Solutions hardware product warranty statement, go to:
<http://www.motorola.com/enterprisemobility/warranty>.

For Australia Only

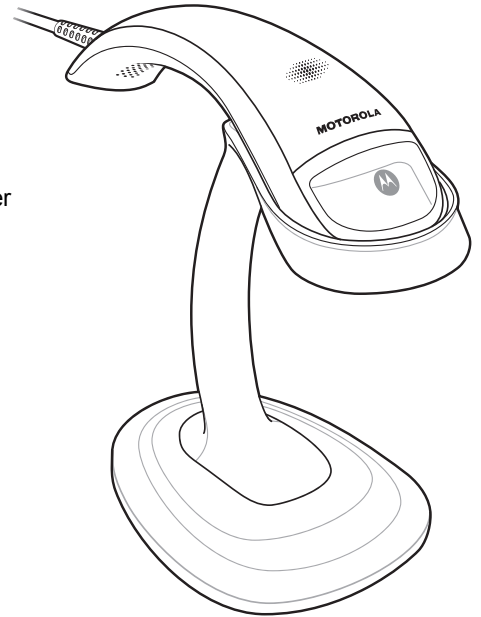
This warranty is given by Motorola Solutions Australia Pty Limited (ABN16 004 742 312) of Tally Ho Business Park, 10 Wesley Court, Burwood East, Victoria. Our goods come with guarantees that cannot be excluded under the Australia Consumer Law. You are entitled to a replacement or refund for a major failure 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. Motorola Solutions 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 Motorola Solutions Australia at 1800457 439. You may also visit our website: http://www.motorola.com/Business/XA-EN/Pages/Contact_Us for the most updated warranty terms

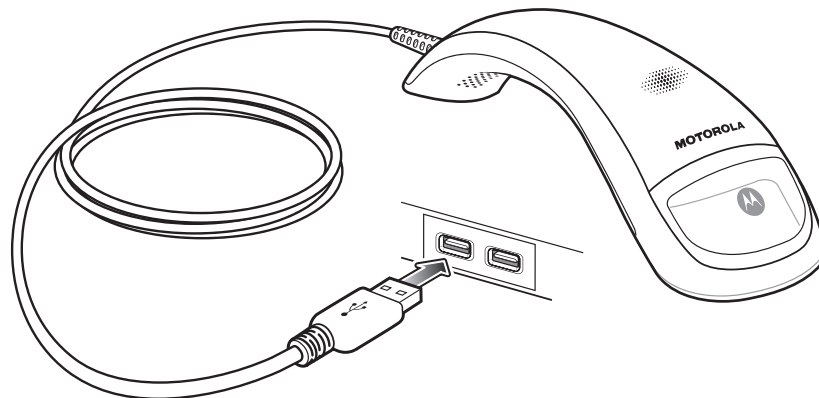
Imager Features



Presentation Mode



Connect Host Interface



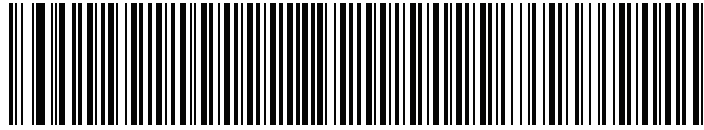
Set Defaults Bar Code



Set Factory Defaults

Enter Key Bar Code (Carriage Return/Line Feed)

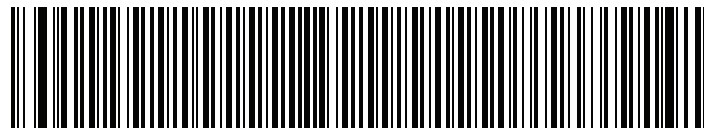
Add an Enter key after scanned data.



Enter Key (Carriage Return/Line Feed)

Tab Key Bar Code

Add a Tab key after scanned data.

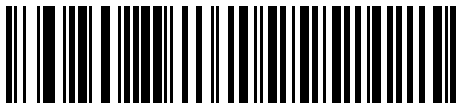


Tab Key

Set Up Interface (Scan Host Bar Codes)

USB Device Type

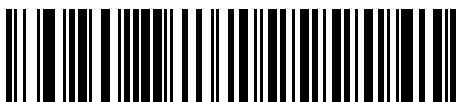
The imager defaults to the HID keyboard interface type. If the default (*) does not meet your requirements, scan another host bar code below.



*USB Keyboard HID



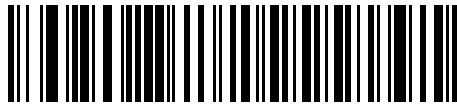
IBM Table-Top USB



IBM Hand-Held USB



Simple COM Port Emulation



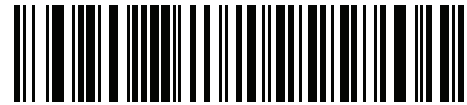
SSI over USB CDC



Symbol Native API (SNAPI) without Imaging Interface



IBM OPOS
(IBM Hand-Held USB with Full Scan Disable)



USB CDC Host



Symbol Native API (SNAPI) with Imaging Interface



Toshiba TEC Host

USB Caps Lock Override



Override Caps Lock Key (Enable)



*Do Not Override Caps Lock Key (Disable)

Emulate Keypad



*Enable Keypad Emulation



Disable Keypad Emulation

Emulate Keypad with Leading Zero



*Enable Keypad Emulation with Leading Zero



Disable Keypad Emulation with Leading Zero

Quick Keypad Emulation

Applies only when Emulate Keypad is enabled.



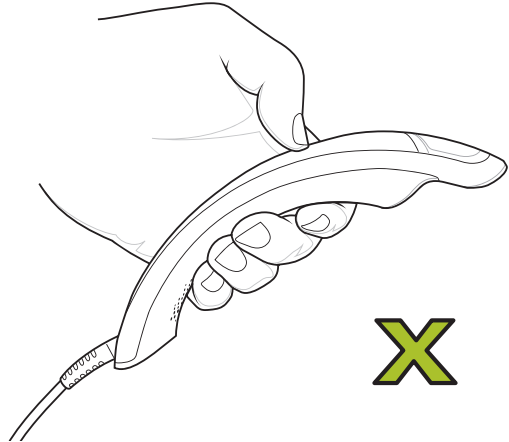
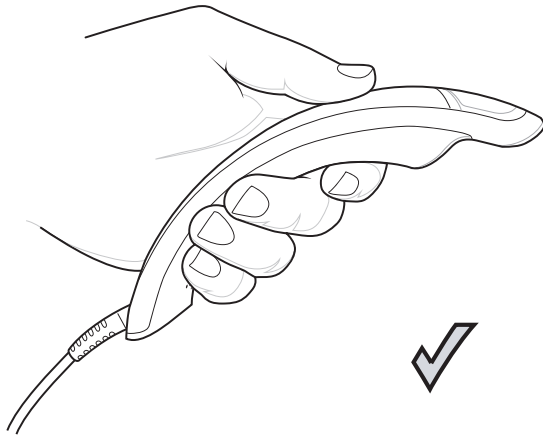
*Enable Quick Keypad Emulation



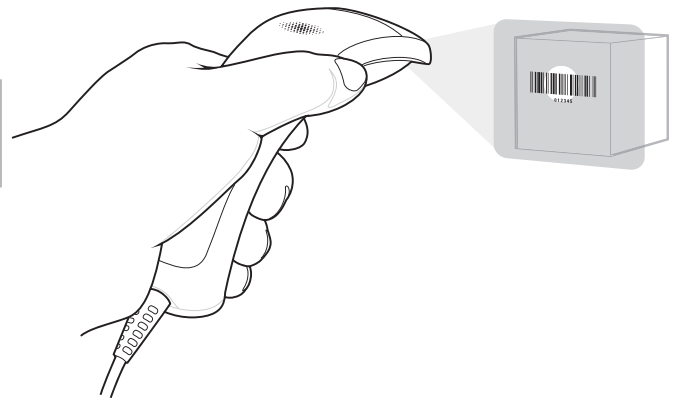
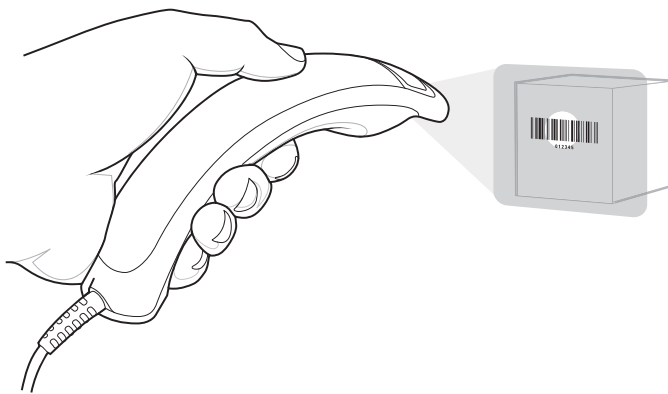
Disable Quick Keypad Emulation

Scanning

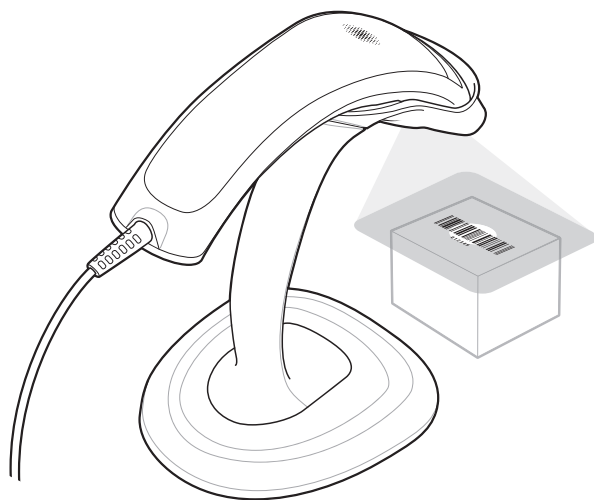
Correct and Incorrect Triggering



Hand-Held Triggered and Hand-Held Presentation Scanning



Hands-Free Scanning and Aiming



User Experience

User Indications (By Default)

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

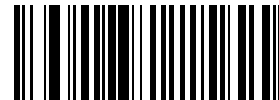
Decode Feedback

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

Tone/Beep

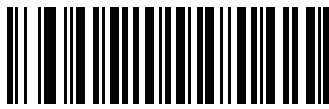


*Enable



Disable

Haptic/Vibration



Enable



*Disable

Indicator LED



*Enable



Disable

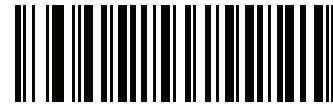
Trigger Feedback

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

Trigger Audio Click



Enable



*Disable

Haptic/Vibration



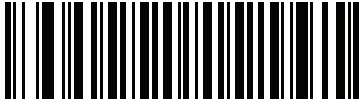
*Enable



Disable

Scan Tone

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



*Wood Block / Tone 1



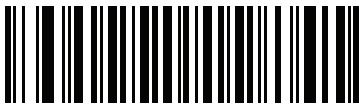
Pulse / Tone 2



Chime / Tone 3



Zap / Tone 4



Triple Beep / Tone 5

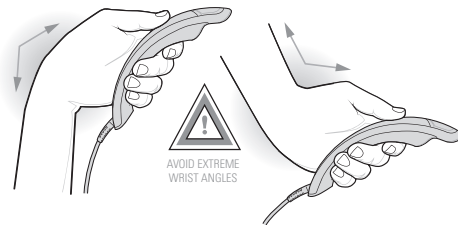
123Scan²

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.motorolasolutions.com/123Scan>.

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)

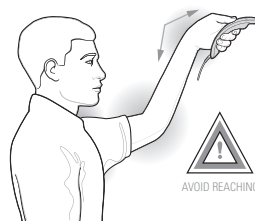
Recommended Usage / Optimum Body Posture



Avoid Extreme Wrist Angles



Avoid Bending



Avoid Reaching

Troubleshooting

Indication	Resolution
Aiming dot does not appear	
No power to imager	Connect imager to powered USB host
Aiming dot is disabled	Enable aiming dot
Imager decodes bar code but does not transmit data	
Transmission or format error	Set the proper communication and conversion parameters
Invalid ADF rule	Program the correct ADF rules
Imager does not decode bar code	
Imager not programmed for bar code type	Program the imager to read that bar code type
Bar code is unreadable	Ensure the bar code is not defaced; scan a test bar code of the same bar code type
Bar code is out of aiming dot area	Move the aiming dot over the bar code
Scanned data incorrectly displayed on host	
Host interface not configured properly	Scan appropriate host parameter bar codes
Region improperly configured	Select appropriate country and language encoding scheme

Regulatory Information

This device is approved under the Symbol Technologies, Inc. brand: Symbol Technologies, Inc. is a wholly owned subsidiary of Motorola Solutions, Inc. (collectively "Motorola"). This guide applies to Model Number: DS4801.

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.

CAUTION: Only use Motorola 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

Motorola hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC, 2006/95/EC, and 2011/65/EU. A Declaration of Conformity may be obtained from <http://www.motorolasolutions.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。 VCCI-B

Korea Warning Statement for Class B ITE

<p>기종별 B급 기기 (가정용 방송통신기자재)</p>	<p>사용자안내문 이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.</p>
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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;

무선설비는 운용 중 전파혼신 가능성이 있음

당해 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

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。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Ukraine

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



Waste Electrical and Electronic Equipment (WEEE)

Bulgarian: 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.motorolasolutions.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.motorolasolutions.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.motorolasolutions.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.motorolasolutions.com/recycling/weee>.

Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρεφθούν στην Motorola για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση <http://www.motorolasolutions.com/recycling/weee> στο Διαδίκτυο.

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.motorolasolutions.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.motorolasolutions.com/recycling/weee>.

Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorola'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: <http://www.motorolasolutions.com/recycling/weee>.

Suomi: Asiakkaita Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorola-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa <http://www.motorolasolutions.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.motorolasolutions.com/recycling/weee>.

Magyar: Az EU-ban vásárlóknak: Minden tönkrement termékét a Motorola vállalathoz kell eljuttatni újrahaznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalóként látogasson el a <http://www.motorolasolutions.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.motorolasolutions.com/recycling/weee>.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti gražinti utilizuoti į kompaniją „Motorola“. Daugiau informacijos, kaip gražinti gaminius, rasite: <http://www.motorolasolutions.com/recycling/weee>.

Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Motorola otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: <http://www.motorolasolutions.com/recycling/weee>.

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.motorolasolutions.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.motorolasolutions.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.motorolasolutions.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.motorolasolutions.com/recycling/weee>.

Românesc: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Motorola pentru reciclare. Pentru informații despre returnarea produsului, accesați: <http://www.motorolasolutions.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.motorolasolutions.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.motorolasolutions.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.motorolasolutions.com/recycling/weee>.


Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüşürme için Motorola'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: <http://www.motorolasolutions.com/recycle/weee>.

TURKISH WEEE Statement of Compliance

EEE Yönetmeligine Uygundur

China RoHS

This table was created to comply with China RoHS requirements.

						
金属部件 (Metal Parts)	0	0	0	0	0	0
电路模块 (Circuit Modules)	0	0	0	0	0	0
电缆及电缆组件 (Cables and Cable Assemblies)	0	0	0	0	0	0
塑料和聚合物部件 (Plastic and Polymeric Parts)	0	0	0	0	0	0
光学和光学组件 (Optics and Optical Components)	X	0	0	0	0	0
电池 (Batteries)	N/A	N/A	N/A	N/A	N/A	N/A

0: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
对销售之日的所售产品, 本表表示, 公司供应链的电子信息技术产品可能包含这些物质。

注意: 在所售产品中可能会也可能不会含有所有所列的部件。

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 Global Customer Support Center at:

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

For the latest version of this guide go to: <http://www.motorolasolutions.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 Motorola Solutions DS4800 Series product page, where you can access this and all user guides.



<http://www.motorolasolutions.com/DS4800>



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One Motorola Plaza
Holtsville, New York 11742, USA
1-800-927-9626
<http://www.motorolasolutions.com>

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