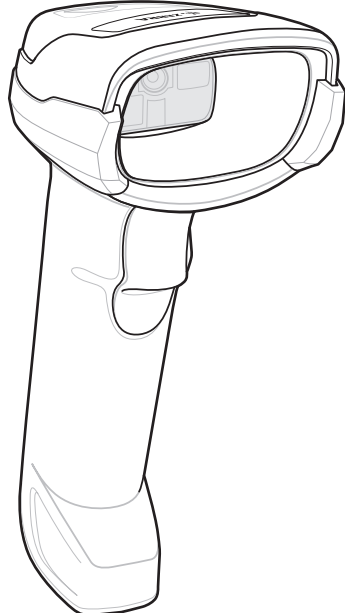


POST IN WORK AREA



DS2278 DIGITAL SCANNER

<http://www.zebra.com/DS2278>



Digital Scanner

Quick Start Guide



USEFUL BAR CODES

FACTORY DEFAULTS



RETURN TO FACTORY DEFAULTS

ADD AN ENTER KEY
(Carriage Return/Line Feed)

To add an Enter key after scanned data, scan the bar code below.



ADD AN ENTER KEY (CARRIAGE RETURN/LINE FEED)

ADD A TAB KEY

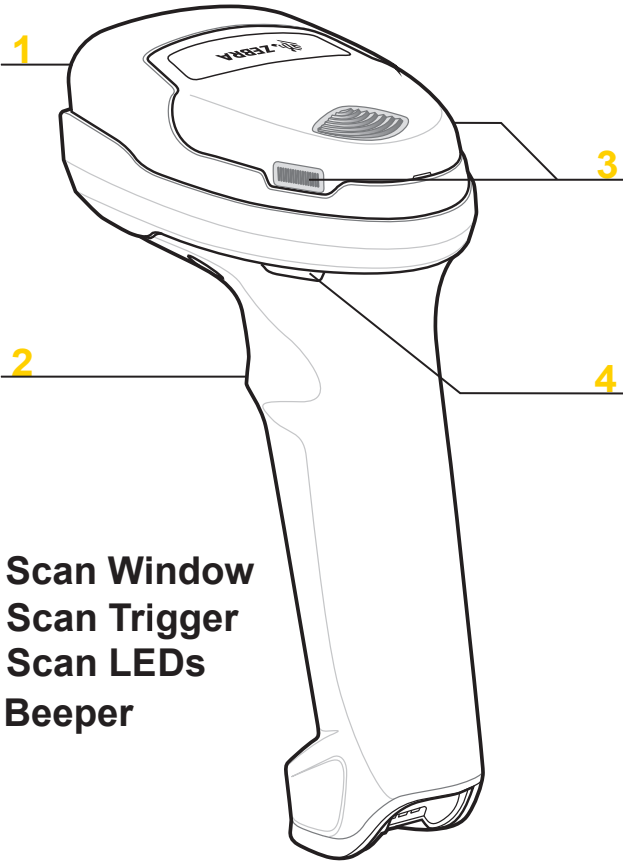
To add a Tab key after scanned data, scan the bar code below.



ADD A TAB KEY

DIGITAL SCANNER FEATURES

Note: Standard range digital scanner pictured.



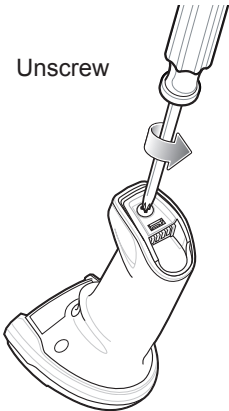
1 Scan Window
2 Scan Trigger
3 Scan LEDs
4 Beeper

See Product Reference Guide for detailed information

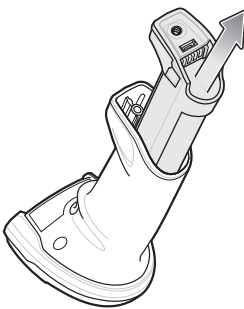
BATTERY REMOVAL

Note: It is recommended to fully charge the battery before use.

1 Unscrew



2 Remove Battery



USB CAPS LOCK OVERRIDE BAR CODE

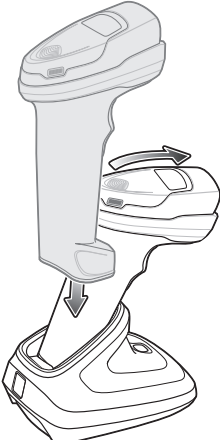


USB - OVERRIDE CAPS LOCK KEY (ENABLE)



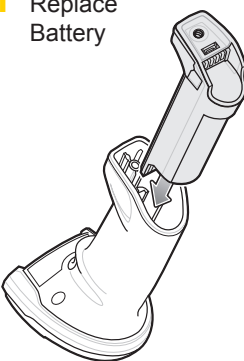
*USB - DO NOT OVERRIDE CAPS LOCK KEY (DISABLE)

CRADLE INSERTION

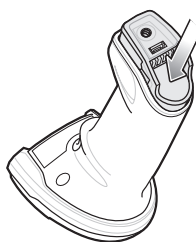


BATTERY INSERTION

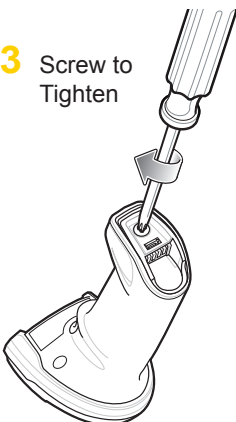
1 Replace Battery



2 Push Down

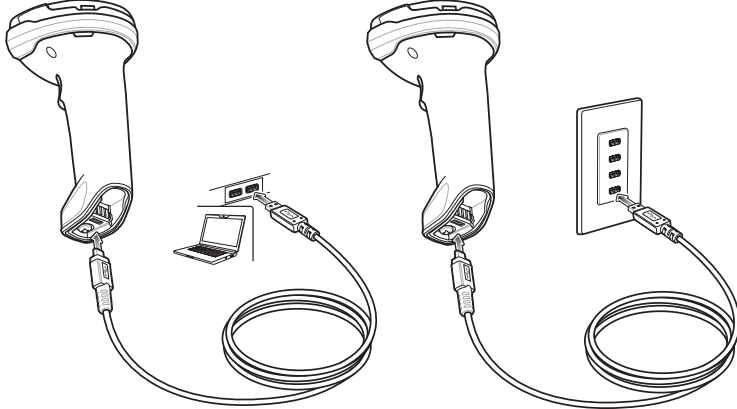


3 Screw to Tighten



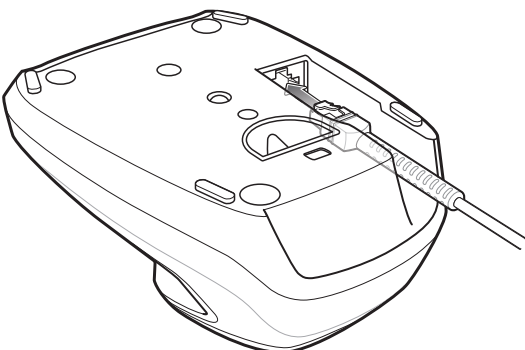
CHARGE ONLY MICRO USB CONNECTION

Note: For best performance, it is recommended to use Zebra accessories.



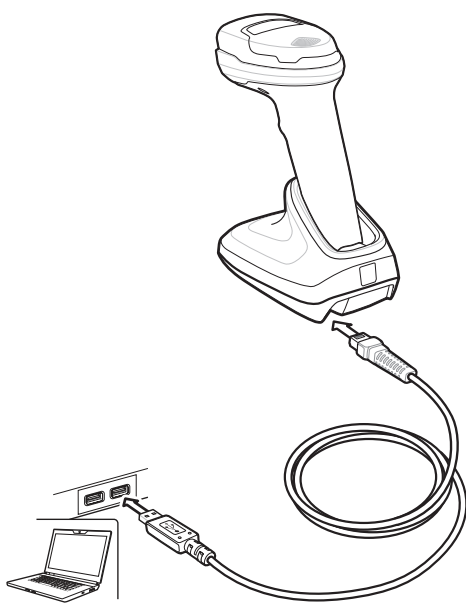
CRADLE CABLE CONNECTION

Host Port



STEP 1 - CONNECT HOST INTERFACE

USB



NOTE: Cables may vary depending on configuration

STEP 2 - SET UP INTERFACE (Scan Host Bar Codes)

USB

Scan **ONE** of the bar codes below

The interface cable automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan another host bar code below.



*USB KEYBOARD (HID)



IBM HAND-HELD USB

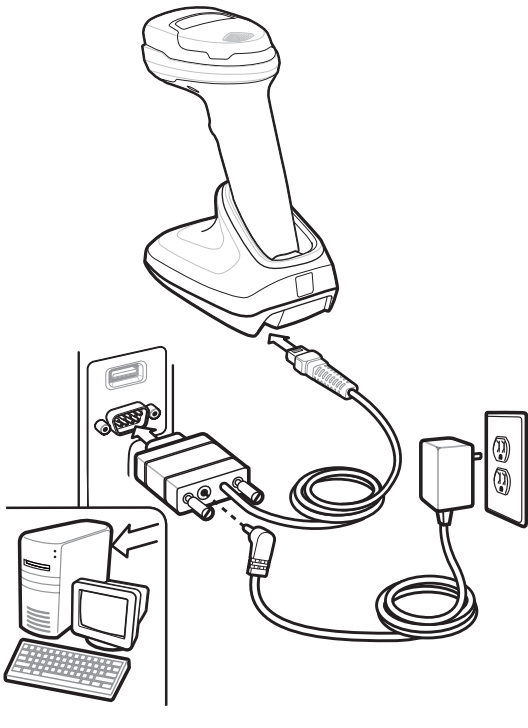


OPOS (IBM HAND-HELD with FULL DISABLE)



SYMBOL NATIVE API (SNAPI) WITH IMAGING

RS-232



RS-232

Scan **ONE** of the bar codes below

The interface cable automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan another host bar code below.



*STANDARD RS-232



NIXDORF RS-232 MODE B



ICL RS-232



FUJITSU RS-232

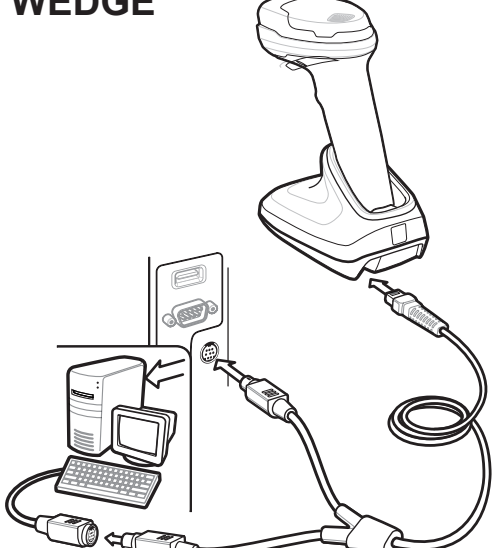


NIXDORF RS-232 MODE A



OPOS/JPOS

KEYBOARD WEDGE



Keyboard Wedge

Scan a bar code below

The Auto-Host Detect Cable feature automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan the IBM PC/AT and IBM PC COMPATIBLE bar code below.

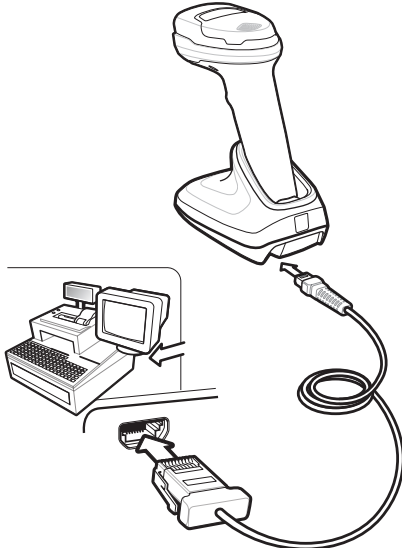


*IBM AT NOTEBOOK



IBM PC/AT and IBM PC COMPATIBLE

IBM 46XX



IBM 46XX

Scan **ONE** of the bar codes below

The Auto-Host Detect Cable feature automatically detects the host interface type, but there is no default setting. Scan one of the bar codes below to select the appropriate port.



NON-IBM SCANNER EMULATION (PORT 5B)



TABLE-TOP SCANNER EMULATION (PORT 17)



HAND-HELD SCANNER EMULATION (PORT 9B)

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 bar code or USB cable. For more information, visit: <http://www.zebra.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)

Aiming





DS2278 DIGITAL SCANNER

RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

POST IN
WORK AREA

Avoid Extreme Wrist Angles



Avoid Bending



Avoid Reaching



Health and Safety Recommendation

- 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
 - Reduce or eliminate vibration
 - Perform tasks at correct heights
 - Keep objects that are used frequently within easy reach
 - Reduce or eliminate direct pressure
 - Provide adjustable workstations
 - Provide adequate clearance
 - Provide a suitable working environment
 - Improve work procedures.

BEEPER INDICATIONS

Indication	Beeper Sequence
Power up	Low/medium/high beeps
Bar code decoded	Medium beep
Transmission error detected; data is ignored	4 long low beeps
Successful parameter setting	High/low/high/low beeps
Correct programming sequence performed	High/low beeps
Incorrect programming sequence, or Cancel bar code scanned	Long low/long high beeps
Low battery indication (on trigger release)	4 short high beeps

SCANNER LED INDICATIONS

Hand-Held Scanning	
Indication	LED Indicator
Digital scanner is on and ready to scan, or no power to scanner	Off
Bar code is successfully decoded	Green flash
Transmission error	Red
Hands-Free (Presentation) Scanning	
No power to scanner	Off
Digital scanner is ready to scan	Green
Bar code is successfully decoded	Off momentarily
Transmission error	Red
Charging with Micro USB Connection	
Digital scanner is charging	Green flash (fast continuous)
Digital scanner is fully charged	Green (solid)
Charge error	Red (solid)

Cradle Indication	Cradle LED Indicator
Standard Use	
Power up	Green (stays on)
Radio Indications	
Bluetooth connection established	Green (off, then on)
Battery Indications	
Charging	Amber blinking
Fully charged	Green (solid)
Charging error	Amber fast blinking

Local Contact: _____

TROUBLESHOOTING

Digital scanner not working	
No power to scanner	Check system power; ensure battery is charged.
Digital scanner is disabled	Ensure that correct host interface cable is used.
Digital scanner decoding bar code, but data not transmitting to host	
Host interface not configured properly	Scan appropriate host parameter bar codes.
Interface cable is loose	Ensure all cable connections are secure.
Invalid ADF Rule	Program the correct ADF rules.
Digital scanner not paired to cradle	Scan cradle pairing bar code.

Digital scanner not decoding bar code	
Digital scanner not programmed for bar code type	Ensure scanner is programmed to read type of bar code being scanned.
Bar code unreadable	Ensure 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.
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

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Warranty

For the complete Zebra hardware product warranty statement, go to: <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 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. 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 6558 0722. You may also visit our website: <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 the Zebra Global Customer Support Center at: <http://www.zebra.com/support>. For the latest version of this guide go to: <http://www.zebra.com/support>.

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: <http://www.zebra.com/weee>.

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

Czech: Pro zákazníky ze EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Zebra k recyklaci. Informace o způsobu vrácení produktů najdete na webové stránce: <http://www.zebra.com/weee>.

Dansk: Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, når de er udtjente. Læs oplysningerne om returnering af produkter på: <http://www.zebra.com/weee>.

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

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

Eesti: EL klientidele: kõik tooted tuleb nende elusa lõppedes tagastada taaskasutamise eesmärgil Zebra'le. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: <http://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: <http://www.zebra.com/weee>.

France: 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 : <http://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 consentire il riciclaggio. Per informazioni sulla modalità di restituzione, visitate il seguente sito Web: <http://www.zebra.com/weee>.

Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Zebra atbilstošajai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdz, skatiet: <http://www.zebra.com/weee>.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Zebra“. Daugiau informacijos, kaip grąžinti gaminį, rasite: <http://www.zebra.com/weee>.

Magyar: Az EU-ban vásárlóknak: Minden tökéletesen terméket a Zebra vállalatához kell eljuttatni újrahasznosítás céljából. A termék visszatartásának módjával kapcsolatos tudnivalókról látogasson el a <http://www.zebra.com/weee> weboldalra.

Malti: Għal klijenti fl-UE: i-prodotti kollha li jkun wasslu f'ahhar tal-hajja ta l-użu tagħhom, iridu jiġu ritornati għand Zebra għar-rikiklazz. Għal aktar tagħrif dwar kif għandek ritornar l-prodotti, jekk jogħġbok zur: <http://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 <http://www.zebra.com/weee> voor meer informatie over het terugzenden van producten.

Polski: Klientzi z obszaru Unii Europejskiej: Produkty wycofanez eksploatacji naleZy wrócićdo do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajdZy się na stronie internetowej <http://www.zebra.com/weee>.

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

Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Zebra na recykláciu. Blíže informácie o vrátení výrobkov nájdete na: <http://www.zebra.com/weee>.

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

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

Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünleri geri döndürme için Zebra'ya lade edilmelidir. Ürünlerin nasıl lade edileceğini hakkında bilgi için lütfen şu adresi ziyaret edin: <http://www.zebra.com/weee>.

Hrvatski: Za kupce u Europskoj uniji: Svi se proizvodi po isteku vijeka trajanja moraju vratiti tvrtki Zebra na recikliranje. Informacije o načinu vraćanja proizvoda potražite na web-stranici: <http://www.zebra.com/weee>.

TURKISH WEEE Statement of Compliance

EEE Yönetmeliğine Uygundur

CMM Disclosure

lovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť označené spoločnosťou Zebra na recykláciu. Blížšie informácie o výrobkoch nájdete na stránke: <http://www.zebra.com/weee>.

lovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjskega čaka. Za informacije o vračilu izdelka obiščite: <http://www.zebra.com/weee>.

suomi: Asiakkaita Euroopan unionin alueella: Kaikki tuotteet on merkittävä Zebra-yhtiön, kun tuotetta ei enää käytetä. Lisätietoja tuotteiden kierrätyksestä löydät osoitteesta: <http://www.zebra.com/weee>.

本表格係根据SJ/T 11364 的规定编制。

0: 表示该有害物质在该部件所有均质材料中的含量均在 SJ/T 11364—2014 规定的限量要求以下。
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11364—2014 规定的限量要求。(企业可在此处, 根据实际情况对上表中打“X”的技术来源进行进一步说明。)

This table was created to comply with China RoHS requirements.



Zebra Technologies Corporation
Lincolnshire, IL U.S.A.

<http://www.zebra.com>

(Parts)	(Pb)	(Hg)	(Cd)	(Cr (VI))	(PBB)	(PBDE)
金属部件 (Metal Parts)	X	0	0	0	0	0
电路板 (Circuit Modules)	X	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)	0	0	0	0	0	0

本表格係根据SJ/T 11364 的规定编制。

0: 表示该有害物质在该部件所有均质材料中的含量均在 SJ/T 11364—2014 规定的限量要求以下。
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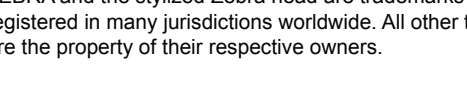
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MN-002916-01 Revision A April 2017



DS2278 DIGITAL SCANNER

