DATALOGIC

QuickScan™ L

QD 2300 Barcode Scanner

Quick Reference Guide

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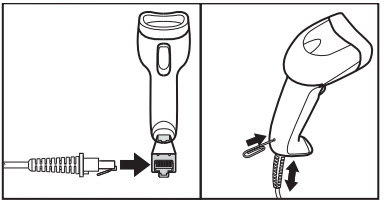
Disclaimer

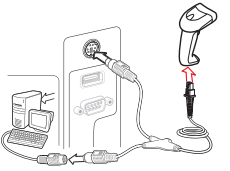
This product may be covered by one or more of the following patents: D606544 • EP870761 • Additional Patents Pending

1 Connect/Disconnect Cable

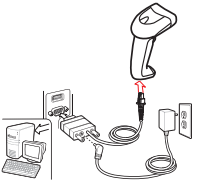


2 Connect Host Interface

Keyboard Wedge Interface

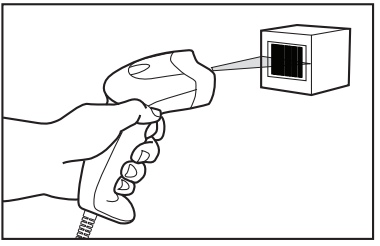


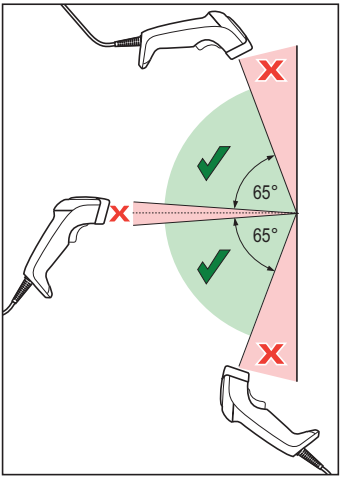
RS-232 Interface



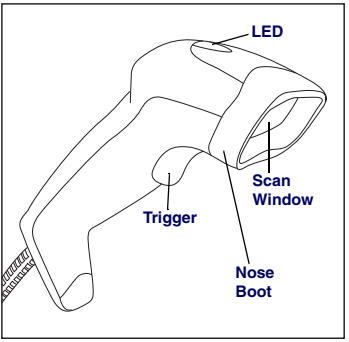
USB Interface

3 Aim and Scan





Parts of the Scanner



Scanning Modes

The scanner can operate in two modes:

- Trigger Single Mode - trigger button must be pressed to emit the laser in order to a scan barcode.

or

- Stand Mode - scanner laser is in constant on state and no trigger button press is required to scan a barcode.

To toggle between modes, scan the "Toggle Scan Mode" barcode below.

Toggle Scan Mode

Depending upon which mode the scanner currently is in, scan the "Toggle Scan Mode" to switch from *Trigger Single* to *Stand*, or from *Stand* to *Trigger Single Mode*.

While in the *Stand* mode of operation, if the scanner has not been used for several minutes it will shift to low power operation, signalled by a narrowing of the scanning beam. When in low power mode, the scanner will respond to a barcode and come back to normal *Stand Mode* operation upon seeing/reading the label.

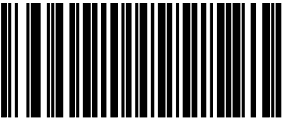
If the scanner has been idle for an extended configurable period[1], it will timeout, then enter sleep mode with the scanning beam turned off. To wake the scanner from sleep mode, press the trigger button.

1. See the following topic Stand Mode Timeout Period.

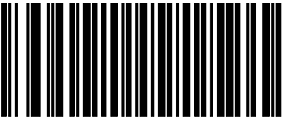
Stand Mode Timeout Period

The Timeout Period for the transition from low power to sleep mode can be set to one of the following durations:

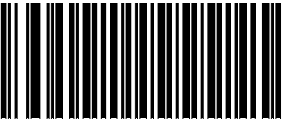
- 1 Hour
- 5 Hours (default)
- Infinite Timeout — With this setting, there is no timeout, thus the scanner will never go into sleep mode or beam shut-off but will remain in low power mode until a label is read.



Stand Mode Timeout Period = 1 Hour



Stand Mode Timeout Period = 5 Hours (Default)



Stand Mode Timeout Period = Infinite Timeout

Troubleshooting

Problem	Possible Cause	Possible Solutions
Nothing happens when the scan button is pulled.	No power to the scanner.	Check system power. Ensure power supply is connected.
	Interface or power cables are loose.	Ensure all cable connections are secure.
Laser comes on, but barcode does not decode.	Scanner not programmed for correct barcode type.	Ensure scanner is programmed to read the type of barcode scanned. Refer to the Product Reference Guide (PRG) for more information.
	Barcode label is unreadable.	Check the label to ensure it is not defaced. Try scanning another barcode type.
	Distance between scanner and barcode is incorrect.	Move scanner closer to or further from the barcode.
Barcode reading ability has degraded.	Scan Window has become scratched or contaminated with dust.	Replace window as instructed in this guide.
Barcode is decoded but not transmitted to the host.	Scanner not programmed for the correct host type.	Scan the appropriate host type barcode. Refer to the Product Reference Guide (PRG) for more information.

For detailed troubleshooting, refer to the Product Reference Guide (PRG).

Beeper Definitions

The scanner issues different beep sequences and patterns to indicate status. The table below defines beep sequences that occur during both normal scanning and while programming the scanner.

Beeper Sequence	Indication
Standard Use	
Low/medium/high beep	Power up.
Short high beep	A barcode label was decoded (if decode beeper is enabled).
4 long low beeps	A transmission error was detected in a scanned barcode. The data is ignored. This occurs if a unit is not properly configured. Check option setting.
5 low beeps	Conversion or format error.
Low/high/low beep	ADF transmit error.
High/high/high/ low beep	RS-232 receive error.
Parameter Menu Scanning	
Short high beep	Correct entry scanned or correct menu sequence performed.
Low/high beep	Input error, incorrect barcode or **Cancel** scanned, wrong entry, incorrect barcode programming sequence; remain in program mode.
High/low beep	Keyboard parameter selected. Enter value using barcode keypad.
High/low/high/ low beep	Successful program exit with change in the parameter setting.
Low/high/low/ high beep	Out of host parameter storage space. Scan SET DEFAULTS on page 10.
Code 39 Buffering	
High/low beep	New Code 39 data was entered into the buffer.
3 beeps - long high beep	Code 39 buffer is full.
Low/high/low beep	The Code 39 buffer was erased or there was an attempt to clear or transmit an empty buffer.

Beeper Sequence	Indication
Low/high beep	A successful transmission of buffered data.
Host Specific	
USB only	
4 short high beeps	Scanner has not completed initialization. Wait several seconds and scan again.
Scanner gives a power-up beep after scanning a USB Device Type.	Communication with the bus must be established before the scanner can operate at the highest power level.
The power-up beep occurs more than once.	The USB bus may put the scanner in a state where power to the scanner is cycled on and off more than once. This is normal and usually happens when the host PC cold boots.
RS-232 only	
1 short high beep	A <BEL> character is received and Beep on <BEL> is enabled.

LED Definitions

In addition to beeper sequences, the scanner communicates with the user using a two-color LED display. The table below defines LED colors that display during scanning.

LED	Indication
Off	No power is applied to the scanner, or the scanner is on and ready to scan.
Green	A barcode was successfully decoded.
Red	A data transmission error or scanner malfunction occurred.

Programming Barcodes Descriptions

This guide includes the programming barcodes required to set up the scanner to work with various host interfaces. Some frequently used programming barcodes are also included.
For all programming barcodes, plus detailed information about the scanner, download the latest version of the Product Reference Guide (PRG), Advanced Data Formatting (ADF) Guide and all documentation pertaining to the scanner from the website listed on the back cover of this manual.
The definitions that follow briefly explain the programming barcodes.

Set Defaults

Scan Set Defaults to set all parameters to their default values.

Host Interfaces

NOTE

Cables may vary depending upon system configuration.

Keyboard Wedge Interface

To use a Keyboard Wedge interface, scan IBM PC COMPATIBLES, then scan the appropriate Country Keyboard Type (country code).

RS-232 Interface

To use an RS-232 interface, scan an RS-232 host type.

USB Interface

The scanner attaches directly to a USB host, or a powered USB hub, and is powered by it. No additional power supply is required. When using a USB interface, the scanner auto detects the USB and defaults to the HID keyboard interface. There are additional USB hosts listed in the PRG.

Carriage Return / Line Feed

If a carriage return/enter is required after each scanned bar code, scan the following bar codes in order:

1. SCAN OPTIONS
2. <DATA><SUFFIX>

Carriage Return / Line Feed

Set Scan Data Transmission Format

SCAN OPTIONS

<DATA><SUFFIX>

ENTER

Cancel

CANCEL

Programming Barcodes

SET DEFAULTS

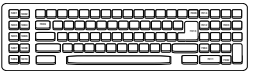
Keyboard Wedge Interface

IBM PC/AT and IBM PC
COMPATIBLES

IBM PS/2 (MODEL 30)

2

Country Keyboard Types (Country Codes)



NORTH AMERICAN (Default)

FRANÇAIS/FRENCH Windows

FRANÇAIS CANADIAN/
FRENCH CANADIAN Windows 95/98

Country Keyboard Types (Country Codes) — cont.

FRANÇAIS CANADIAN/
FRENCH CANADIAN Windows XP/2000

DEUTSCH/GERMAN Windows

ESPAÑOL/SPANISH Windows

ITALIANO/ITALIAN Windows

SVENSKA/SWEDISH Windows

UK ENGLISH Windows

日本語 /JAPANESE Windows

PORTUGUÊS (BRASIL)/
PORTUGUÊSE-BRAZILIAN Windows

RS-232 Interface


STANDARD RS-232


ICL RS-232


RS-232 WINCOR-NIXDORF MODE A


RS-232 WINCOR-NIXDORF MODE B


RS-232 FUJITSU


RS-232 OPOS


NOTE

For USB OPOS operation, use host type USB OEM HAND-HELD **and an appropriate driver supplied by Datalogic.**

There are many more country settings for the USB Keyboard. Please refer to the PRG, downloadable from the website located on the back cover of this manual.

USB Interface


USB KEYBOARD


USB OEM HANDHELD

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

All models are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.
Any changes or modifications to equipment, not expressly approved by Datalogic could void the user's authority to operate the equipment.

Power Supply

Use only a power supply approved by Datalogic for this product and model. Models require either a Listed class II or class III with a Limited Power Source (LPS) which supplies power directly to the scanner. For the safety certification to be valid, class III input power sources must be IEC/EN60950-1 (EN 60335-series, EN 60065 or relevant) approved.

Input: 100 - 240 VAC Output: 5.0 VDC
Max Current: 0.4 Amps Power: 15 Watts

Atención

Características de la fuente de alimentación eléctrica.

Entrada: 100 - 240 Vca
350mA 50/60 Hz
Salida: +5 VDC @ 2.5A
(-) Negativo al centro

Utilice en su red solo fuentes certificadas en Argentina.
El uso de fuentes de alimentación no compatibles puede resultar en riesgo de incendio o de choque eléctrico para el usuario.

NOTE

For USB Power Off Terminal applications, attach to USB 1.0, 1.1 or 2.0 host device only.

Hinweis

Benutzen Sie nur eine von Datalogic genehmigte Stromversorgung. Die Modelle erfordern eine Stromquelle der Klasse II oder III mit einer Leistungsbegrenzung (LPS). Für eine gültige Sicherheitszertifizierung müssen Klasse III Stromquellen am Eingang nach den Bestimmungen IEC/EN60950-1 (EN 60335-Serien, EN 60065 oder entsprechenden) zugelassen sein.
Eingang: 100 - 240 VAC Ausgang: 5.0 VDC
Max. Strom: 0.4 Amps Max. Leistung: 15 W

Radio Frequency Interference Requirements

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 the 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:

- Re-orient 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.

CAUTION

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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)

Laser Devices

This device uses lasers complying with 21CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.
IEC/EN60825-1:2007.
The laser classification is marked on one of the labels on the device.

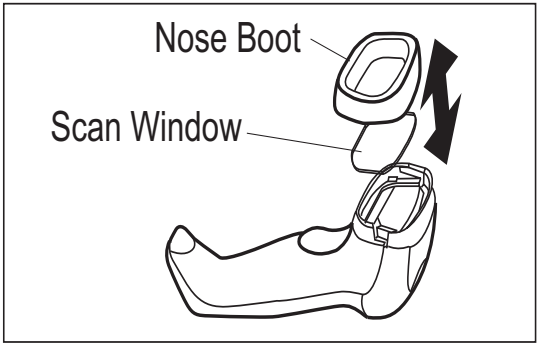
The following statement is required to comply with US and international regulations:

CAUTION **Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.**

Class 2 laser scanners use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

Replacing the Scan Window

If the Scan Window becomes scratched, broken or contaminated with heavy dust, replace it by removing the Nose Boot and installing a new window. Datalogic offers a replacement window as an orderable accessory.



To replace the Scan Window, **first remove power** from the scan-

ner then hold the scanner with the Scan Window facing up. Gently pull off the Nose Boot and tilt the scanner to one side to remove the window.

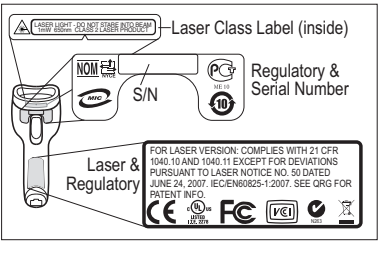
CAUTION

Proceed to the next step immediately. DO NOT leave the interior of the scanner exposed.

Holding it by its edges, carefully place the clean replacement Scan Window in position and secure it in place by reinstalling the Nose Boot.

Scanner Labeling

Labels are shown here to illustrate their location only. Please view the labels on your product for actual details.



Waste Electrical and Electronic Equipment (WEEE) Statement

English
For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at www.datalogic.com.

Italian
Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.datalogic.com.

French

Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet www.datalogic.com.

German
Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.datalogic.com.

Spanish
Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.datalogic.com.

Portuguese
Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE -Waste Electrical and Electronic Equipment), consultar o site web www.datalogic.com.

Chinese
有关处理废弃电气电子设备（WEEE)的信息，请参考 Datalogic 公司的网站：www.datalogic.com。

Japanese
廃電気電子機器（ＷＥＥＥ）の処理についての関連事項は Datalogic のサイト www.datalogic.com をご参照下さい。

International Caution Statements Class 1 and 2

English

This scanner is certified in the U.S. to conform to the requirements of DHHS/CDRH 21CFR Subchapter J and to the requirements of IEC 60825-1.
Class 1 or Class 2 products are not considered to be hazardous. The scanner contains internally a Visible Laser Diode (VLD) whose emissions do not exceed the maximum limits as set forth in the above regulations. The scanner is designed so that there is no human access to harmful laser light during normal operation, user maintenance or during prescribed service operations.
CAUTION
If the scan pattern is a single dot when depressing the trigger, discontinue operation and return the scanner to Datalogic.
CAUTION
Do not attempt to open or otherwise service any components in the optics cavity. Opening or servicing any part of the optics cavity by unauthorized personnel may violate laser safety regulations. The optics system is a factory only repair item.
CAUTION
Use of optical systems with the scanner will increase eye hazard. Optical systems include binoculars, microscopes and magnifying glasses. This does not include eye glasses worn by the user.

French

Ce scanneur est certifié conforme à la norme DHHS/CDRH 21CFR sous-chapitre J et à la norme IEC 60825-1. Les produits de classe 1 et de classe 2 ne sont pas considérés dangereux. Le scanneur contient une diode laser visible (VLD) dont les émissions ne dépassent pas les limites prescrites dans les normes précitées. Le scanneur est conçu de façon à ce qu'il ne soit pas possible d'accéder à la lumière laser pendant l'utilisation normale, l'entretien par l'utilisateur et les fonctions de maintenance prescrites.
ATTENTION
Si, quand la fonction de balayage est lancée, le diagramme de balayage est constitué d'un seul point, cesser d'utiliser le scanneur et le retourner à Datalogic.
ATTENTION
Ne pas essayer d'ouvrir ou de réparer les composants de la cavité optique. L'ouverture de la cavité optique ou la réparation de ses composants par une personne non qualifiée peut entraîner le non-respect des règles de sécurité relatives au laser. Le système optique ne peut être réparé qu'en usine.
ATTENTION
L'utilisation des systèmes optiques avec le scanneur augmente le danger pour les yeux. Les systèmes optiques comprennent les jumelles, les microscopes et les verres grossissants. Ils ne comprennent pas les lunettes portées par l'utilisateur.

German

Dieser Scanner ist den in den Vereinigten Staaten geltenden Vorschriften des DHHS/CDRH 21 CFR Subchapter J und den Vorschriften der IEC 60825-1 entsprechend bescheinigt.
Produkte der Klasse 1 oder der Klasse 2 sind als ungefährlich eingestuft. Im Inneren des Scanners befindet sich eine VLD (Visible Laser Diode), deren Ausstrahlung die in den oben genannten Vorschriften angeführten Höchstgrenzen nicht überschreitet. Die Konstruktion des Scanners garantiert, daß bei normalem Betrieb, bei Wartung durch den Benutzer oder im Laufe planmäßiger Wartungsarbeiten kein Zugang zu schädlichem Laserlicht besteht.
VORSICHT:
Sollte das Abtastbild bei gedrücktem Auslöser aus einem einzigen Punkt bestehen, muß der Betrieb eingestellt und der Scanner an Datalogic zurückgesendet werden.
VORSICHT:
Unter keinen Umständen darf versucht werden, die Komponenten im Optikhohlraum zu öffnen oder auf irgendwelche andere Weise zu warten. Das Öffnen bzw. Warten der Komponenten im Optikhohlraum durch unbefugtes Personal verstößt gegen die Laser-Sicherheitsbestimmungen. Das Optiksystem darf nur werkseitig repariert werden.
VORSICHT:
Die Verwendung von Optiksystemen mit diesem Scanner erhöht die Gefahr einer Augenbeschädigung. Optiksystemen gehören unter anderem Ferngläser, Mikroskope und Vergrößerungsgläser, nicht aber die von Benutzern getragenen Brillen.

Italian

È stato certificato che questo scanner si conforma ai requisiti della sezione J della normativa DHHS/CDRH 21CFR, e anche ai requisiti di IEC 60825-1.
I prodotti di Classe 1 o Classe 2 non sono considerati pericolosi. Lo scanner contiene al suo interno un Visible Laser Diode (VLD), diodo laser visibile, le cui emissioni non eccedono i limiti stabiliti dalle normative sunnominate. Lo scanner è progettato in modo che non ci sia alcun accesso alla luce dannosa del laser nel corso di uso normale, di manutenzione da parte dell'utente o durante la manutenzione periodica stabilita.
ATTENZIONE
Se, quando si preme l'azionamento, il pattern di scansione è un punto singolo, interrompere l'operazione e riportare lo scanner a Datalogic.
ATTENZIONE
Non tentare di accedere allo scomparto contenete i componenti ottici o di farne la manutenzione. L'apertura dello scomparto, o la manutenzione di qualsiasi parte ottica da parte di personale non autorizzato, potrebbe violare le norme della sicurezza. Il sistema ottico puó essere riparato solamente alla fabbrica.

ATTENZIONE
Utente dei sistemi ottici assieme allo scanner può aumentare il pericolo di danno agli occhi. Sistemi ottici includono cannocchiali, microscopi e lenti di ingrandimento. Essi non includono gli occhiali indossati dall'utente.

Danish

Denne scanner opfylder de amerikanske krav stillet i "DHHS/CDRH 21CFR Subchapter J" og opfylder også de krav, der stilles i IEC
60825-1.
Klasse 1 eller klasse 2 produkter anses for at være sikre. Scanneren indeholder en Visible Laser Diode (VLD), der ikke overskrider maksimumgrænserne, som beskrevet i ovenstående reglement. Scanneren er konstrueret, så der ikke er nogen menneskelig kontakt medskadelige niveauer af laserbestråling under normal brug, normal vedligeholdelse eller under foreskrevet servicering.
ADVARSEL
Hvis scanningmønsteret er et enkelt punkt, når triggeren indtrykkes, skal betjening ophøre og scanneren returneres til Datalogic.
ADVARSEL
Forsøg ikke at åbne eller reparere komponenter i det optiske hulrum. Uautoriseret åbning eller reparation af komponenter i det optiske hulrum kan være en overtrædelse af lasersikkerhedsregulativer. Det optiske system må udelukkende repareres as Datalogic.
ADVARSEL

Anvendelse af optiske systemer med scanneren øger risikoen for øjenskader. Optiske systemer omfatter kikkerter, mikroskoper og lupper. Det omfatter ikke anvendelse af almindelige briller.

Dutch

Deze scanner is in de V.S. goedgekeurd en voldoet aan de vereisten van DHHS/CDRH 21CFR Subchapter J een aan de vereisten van IEC 60825-1.
Producten van klasse 1 (Class 1) en klasse 2 (Class 2) worden niet geacht gevaarlijk te zijn.
De scanner bevat een inwendige Visible Laser Diode (VLD) waarvan de emissies de maximumgrenzen van bovenstaande reglementen niet overschrijden.
De scanner is zo ontworpen dat men bij normaal gebruik, onderhoud of tijdens het uitvoeren van de voorgeschreven onderhoudswerkzaamheden niet aan schadelijke niveaus wordt blootgesteld.
WAARSCHUWING
Als het scanpatroon bij het overhalen van de trekker een enkele stip is, stop dan onmiddellijk en stuur de scanner terug naar Datalogic.
WAARSCHUWING
Probeer niet om onderdelen in de opticaruimte te openen of er onderhoud aan uit te voeren. Het openen of onderhouden van delen in de opticaruimte door onbevoegd personeel kan een inbreuk vormen op de laserveiligheidsreglementen. Het opticasysteem mag alleen in de fabriek worden gerepareerd.
WAARSCHUWING
Het gebruik van optische systemen samen met de scanner vergroot het risico voor de ogen. Optische systemen zijn onder andere binoculairs, microscopen en vergrootglazen, maar niet de bril die de gebruiker draagt.

Swedish

Denna scanner uppfyller de amerikanska kraven DHHS/CDRH 21CFR Subchapter J samt kraven i IEC 60825-1.
Produkter i Klass 1 (Class 1) och Klass 2 (Class 2) anses ej farliga. Scannern är utrustad med en intern, synlig laserdiod (Visible Laser Diode - VLD) vars emission inte överstiger max. värdena i ova stående säkerhetsföreskrifter.
Scannern har konstruerats så att personer vid normal användning, bruksunderhåll och föreskriven service inte utsätts för skadlig laserstrålning.
VAR FÖRSIKTIG
Om scanningsmönstret är en enda punkt när du trycker på avtryckaren, ska du avbryta användningen och ta scannerna tillbaka till Datalogic.
VAR FÖRSIKTIG
Försök inte öppna eller reparera komponenter i den optiska kamaren. Om icke auktoriserad personal öppnar eller reparerar delar i den optiska kammaren, kan detta strida mot säkerhetsföreskrifterna för laserutrustning. Det optiska systemet får endast repareras på fabriken.
VAR FÖRSIKTIG
Användning av optiska system med scannern ökar risken för ögoskada. Optiska system inkluderar kikare, mikroskop och förstoingsglas, men inte användarens glasögon.

Finnish

Tämä tutkain on hyväksytty Yhdysvalloissa vastaamaan DHHS/CDRH 21CFR Subchapter J luokka II ja 60825-1 IEC-vaatimuksia.
Luokka 1 tai Luokka 2 tuotteiden ei katsota olevan vaarallisia. Tutkain sisältää sisäisen näkyvän laserdiodin (Visible Laser Diode (VLD), jonka päästöt eivät ylitä yllä olevien säädösten asettamia maksimirajoja. Tutkain on suunniteltu siten, etteivät ihmiset altistu vaaralliselle lasersäteilylle normaalikäytön, käyttäjän suorittaman huollon tai ohjeiden mukaisten huoltotoimenpiteiden aikana.
VAROITUS
Jos skannauskuva on yksittäinen piste laukaisinta painettaessa, keskeytä käyttö ja palauta tutkain Datalogic:lle.
VAROITUS
Älä yritä avata tai muuten huoltaa mitään rakenneosia optisessa osassa. Valtuuttamattoman henkilöstön suorittaman optisen osan avauksen tai huoltotoimen voidaan katsoa olevan rikkomus lasersuojaohjeita vastaan. Optisen järjestelmän saa korjata ainoastaan tehtaalla.
VAROITUS
Mikäli optisia järjestelmiä käytetään tutkainmen kanssa, silmille aiheutuva vaara lisääntyy. Optiset kojeet käsittävät kiikarit, mikroskoopit ja suurennuslasit. Käyttäjän silmälasit eivät kuulu tähän ryhmään.

Norwegian

Denne skanneren er godkjent i USA i samsvar med retningslinjene for DHHS/CDRH 21CFR, avsnitt J, og til IEC-kravene 60825-1.
Produkter i klasse 1 eller klasse 2 ansees ikke som helsefarlige. Skanneren inneholder en innvendig, synlig laserdiode (VLD, Visible Laser Diode), som ikke overskrider maksimalgrensene som er fastsatt i retningslinjene ovenfor. Skanneren er konstruert, slik at personer ikke utsettes for farlige doser med laserstråler ved normal drift, brukers vedlikehold eller ved foreskrevet service.
OBS!
Hvis skanningsmønsteret består av én enkel prikk når utløseren trykkes inn, skal driften stanses, og skanneren settes tilbake til Datalogic.
OBS!
Prøv ikke å åpne eller på noen måte utføre service på noen av delene i det optiske kammeret. Ved å åpne eller utføre service på noen av delene i det optiske kammeret av uautorisert personell, kan krenke forskriftene for lasersikkerhet. Optikksystemet skal bare repareres på fabrikken.
OBS!
Bruk av optiske systemer med skanneren kan innebære høyere fare for øynene. Optiske systemer innbefatter, kikkerter, mikroskop og forstørrelsesglass. Dette omfatter ikke briller som brukeren har
på seg.

Portuguese

Este scanner foi certificado nos EUA para atender os requisitos do subcapítulo J do DHHS/CDRH 21 CFR e os requisitos do IEC 60825-1.
Os produtos da Classe 1 ou Classe 2 não são considerados perigosos. O scanner contém internamente um Diodo de Laser Visível (VLD - Visible Laser Diode) cujas emissões não ultrapassam os limites definidos nos regulamentos mencionados acima. O scanner foi projetado de maneira que não exista acesso humano à luz de laser nociva durante a operação normal, manutenção pelo usuário ou durante as operações recomendadas de serviço.
CUIDADO
Se ao pressionar o gatilho a luz do laser for um único ponto, interrompa a operação e devolva o scanner à Datalogic.
CUIDADO
Não tente abrir ou consertar qualquer componente da cavidade óptica. A abertura ou manutenção de qualquer peça da cavidade óptica por pessoal não autorizado pode infringir os regulamentos de segurança do laser. O sistema óptico só deve ser reparado na fábrica.
CUIDADO
O uso de sistemas ópticos com o scanner aumenta o risco para a visão. Incluem-se entre os sistemas ópticos os binóculos, microscópios e lentes de aumento. Não se incluem os óculos usados pelo usuário.

Spanish

Este escáner está certificado en los EE.UU. porque reúne los requisitos DHHS/CDRH 21CFR Sección J y los requisitos de IEC 60825-1.

Los productos de Clase 1 o Clase 2 no se consideran como peligrosos. El escáner tiene en su interior un Diodo Láser Visible (VLD) cuyas emisiones no exceden los límites máximos fijados en los reglamentos mencionados anteriormente. El escáner está diseñado de modo que las personas no tengan acceso a la luz láser peligrosa durante la operación normal, el mantenimiento por parte del usuario o durante las operaciones de servicio prescritas.
PRECAUCIÓN
Si al oprimir el interruptor, el patrón de exploración es un solo punto, discontinúe el uso y devuelva el escáner a Datalogic.
PRECAUCIÓN
No intente abrir o de ninguna manera dar servicio a ninguno de los componentes del receptáculo óptico. Abrir o dar servicio a las piezas del receptáculo óptico por parte del personal no autorizado podría ser una violación a los reglamentos de seguridad. El sistema óptico se puede reparar en la fábrica solamente.
PRECAUCIÓN
El uso de sistemas ópticos con el escáner aumentará el riesgo de daños oculares. Los sistemas ópticos incluyen binoculares, microscopios y lupas. Esto no incluye los lentes recetados usados por el usuario.

Chinese

本扫描器在美国获得认证，符合 **DHHS/CDRH 21CFR J** 分章和 **IEC 60825-1** 规定的要求。

1级和 **2** 级激光产品均属于对人类无危害的产品。
扫描器内有一个可见激光二极管 (**VLD**)，它发
出的辐射低于上述条例规定的最高限度。
本扫描器经特别设计，在正常使用情况下，包括用户自行
保养或进行规定的维修，人体均不会接触到有害的激光辐射。

注意：
如果按了扫描引发钮后，扫描图形为单个圆点，
请停止使用扫描器并将其返送回 **Datalogic** 公司。

注意：
请勿打开激光或检修激光发生器内的任何部件。
未经授权的人员打开或修理激光发生器内部件可能
违反激光安全条例。光学系统只可送交工厂修理。

注意：
使用扫描器时不得用其他光学仪器，否则会增加对眼睛的危害。
这些光学仪器包括望远镜、显微镜
和放大镜。但是，操作人员佩戴的眼镜不属于此范围。

Japanese

日本語

本スキャナ は米国においてDHHS/CDRH 21CFR の J項にある製品規格準拠品であり、 IEC 60825-1 の 製品規格に準拠する製品であることが認定されています。

Class 1 及び Class 2 製品は『危険』とはみなされていません。本 スキャナ内部には上記規格に定める最大値 超えない放射光量を持つ可視光レーザ ダイオード(VLD) が使用されています。本 スキャナ は通常の運用、ユーザによる保守、所定の修理作業において有害なレーザ光が人体に影響を及ぼすことがないように設計されています。

注意:
トリガーを押さえているときにスキャンのパターンがシングルの場合は、操作を止めて、スキャナをDatalogic に戻して下さい。

注意:
所定の許可を得た人以外は本スキャナの光学部キャビティーを開けたり、その部品に手を触れたりしないで下さい。レーザ安全基準に違反することになります。又工学部は工場でのみしか修理することは出来ません。

注意:
光学機器を使用してスキャナ内部を覗くと、目に悪い影響を与えることがあります。光学機器には双眼鏡、顕微鏡、拡大鏡等が含まれますが、使用者のかけている眼鏡はこれには該当しません。

Hebrew

1 הודעות אזהרה בינלאומיות
עברית
הסורק הזה נושא אישור בארצות-הברית להיותו מתאים לדרישות של
כּרב 21 יּרגב.דייּג, פרק משני שוהדרישות של רכיב אלקטרוני
מוכלל (בקו) 1-60825
מוצרי סוג 1 או 2 אינם נחשבים למסוכנים.
הסורק מכיל בתוכו דיודת לייזר נראית (גדּה), אשר הקרינות שלה אינן
עוברות את המידה המקסימלית המותרת כפי שכתוב בתקנות שלמעלה.
הסורק מתוכנן בצורה כזו שאינה מאפשרת גישת אדם לאור הלייזר המזיק
במהלך תפעיל נורמלי, במהלך טיפול תחזוקתי על-ידי המשתמש או במהלך
תפעולי שירות קבועים.
אזהרה:
אם התדמית של הסורק היא נקודה בודדת כאשר לוחצים על הדירבון.דופק התיחול,
הפסק את התיפעול והחזר את הסורק ל בּדּפּ .
אזהרה:
אל תנסה לפתוח או לתת שירות לשום רכיבים בחלל האופטי.
פתיחה או מתן שירות של איזשהו חלק בחלל האופטי על-ידי אדם
בלתי-מוסמך עלול להפר את תקנות הבטיחות של הלייזר. המערכת
האופטית היא פריט שנועד להיות מתוקן אך ורק על-ידי בית-החרושת.
אזהרה:
השימוש במערכות אופטיות ביחד עם הסורק יגביר את הסיכון לעיניים.
מכשירים אופטיים כוללים משקפות דו-עדשיות, מיקרוסקופים וזכוכיות-
מגדלות. זה אינו כולל משקפי-ראייה שהמשתמש מרכיב.

Datalogic ADC Limited Factory Warranty

Warranty Coverage

Datalogic ADC ("Datalogic") hardware products are warranted against defects in material and workmanship under normal and proper use. The liability of Datalogic under this warranty is limited to furnishing the labor and parts necessary to remedy any defect covered by this warranty and restore the product to its normal operating condition. Repair or replacement of product during the warranty does not extend the original warranty term. Products are sold on the basis of specifications applicable at the time of manufacture and Datalogic has no obligation to modify or update products once sold.

If Datalogic determines that a product has defects in material or workmanship, Datalogic shall, at its sole option repair or replace the product without additional charge for parts and labor, or credit or refund the defective products duly returned to Datalogic. To perform repairs, Datalogic may use new or reconditioned parts, components, subassemblies or products that have been tested as meeting applicable specifications for equivalent new material and products. Customer will allow Datalogic to scrap all parts removed from the repaired product. The warranty period shall extend from the date of shipment from Datalogic for the duration published by Datalogic for the product at the time of purchase (Warranty period). Datalogic warrants repaired hardware devices against defects in workmanship and materials on the repaired assembly for a 90 day period starting from the date of shipment of the repaired prod-

uct from Datalogic or until the expiration of the original warranty period, whichever is longer. Datalogic does not guarantee, and it is not responsible for, the maintenance of, damage to, or loss of configurations, data, and applications on the repaired units and at its sole discretion can return the units in the "factory default" configuration or with any software or firmware update available at the time of the repair (other than the firmware or software installed during the manufacture of the product). Customer accepts responsibility to maintain a back up copy of its software and data.

Warranty Claims Process

In order to obtain service under the Factory Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the applicable Warranty period and obtain from Datalogic a return authorization number (RMA) for return of the product to a designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations. Failure to follow the applicable RMA policy, may result in a processing fee. Customer shall be responsible for return shipment expenses for products which Datalogic, at its sole discretion, determines are not defective or eligible for warranty repair.

Warranty Exclusions

The Datalogic Factory Warranty shall not apply to:

(i) any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;

(ii) any claimed defect, failure or damage which Datalogic determines was caused by faulty operations, improper use, abuse, misuse, wear and tear, negligence, improper storage or use of parts or accessories not approved or supplied by Datalogic;

(iii) any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;

(iv) any claimed defect or damage caused by the failure to provide proper maintenance, including but not limited to cleaning the upper window in accordance with product manual;

(v) any defect or damage caused by natural or man-made disaster such as but not limited to fire, water damage, floods, other natural disasters, vandalism or abusive events that would cause internal and external component damage or destruction of the whole unit, consumable items;

(vi) any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;

(vii) the replacement of upper window/cartridge due to scratching, stains or other degradation and/or

(viii) any consumable or equivalent (e.g., cables, power supply, batteries, keypads, touch screen, triggers etc.).

No Assignment

Customer may not assign or otherwise transfer its rights or obligations under this warranty except to a purchaser or transferee of product. No attempted assignment or transfer in violation of this provision shall be valid or binding upon Datalogic.

DATALOGIC'S LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. DATALOGIC SHALL NOT BE LIABLE FOR ANY DAMAGES SUSTAINED BY CUSTOMER ARISING FROM DELAYS IN THE REPLACEMENT OR REPAIR OF PRODUCTS UNDER THE ABOVE. THE REMEDY SET FORTH IN THIS WARRANTY STATEMENT IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR WARRANTY CLAIMS. UNDER NO

CIRCUMSTANCES WILL DATALOGIC BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOST PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL IN-DIRECT, SPECIAL OR CONTINGENT DAMAGES REGARDLESS OF WHETHER DATALOGIC HAD ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

Risk of Loss

Customer shall bear risk of loss or damage for product in transit to Datalogic. Datalogic shall assume risk of loss or damage for product in Datalogic's possession. In the absence of specific written instructions for the return of product to Customer, Datalogic will select the carrier, but Datalogic shall not thereby assume any liability in connection with the return shipment.

PART	部件名称	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
		有毒有害物质或元素					
		铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
PCB Assy, Scan Engine	扫描头电路板组	x	o	o	o	o	o
Assy, Laser	激光组件	x	o	x	o	o	o

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中，至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的

EFUP determined by "Look-up Method" (scanner). 环保使用期限取决于 " 查表法 " （扫描仪）

RoHS TABLE,CHINA,QUICKSCAN L

DATALOGIC	DECLARATION OF CONFORMITY	EC-69 Rev.:1 Pag.: 1 di 1

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Datalogic ADC, Inc.
959 Terry Street
Eugene, Oregon 97402
USA

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva di Datalogic ADC, Inc. per:
This Declaration of Conformity is issued under the sole responsibility of Datalogic ADC, Inc. for:
Cette déclaration de conformité est établie sous la seule responsabilité de Datalogic ADC, Inc:
Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Datalogic ADC, Inc. erteilt für:
Esta declaración de conformidad se expide bajo la exclusiva responsabilidad de Datalogic ADC, Inc. para:

Quickscan L QD2300; Barcode Reader

e tutti i suoi modelli
and all its models
et tous ses modèles
und seine Modelle
y todos sus modelos

sono conformi alle Direttive del Consiglio Europeo sottoelencate:
are in conformity with the requirements of the European Council Directives listed below:
sont conformes aux spécifications des Directives de l'Union Européenne ci-dessous:
den nachstehenden angeführten Direktiven des Europäischen Rats:
cumple con los requisitos de las Directivas del Consejo Europeo, según la lista siguiente:

2006/95/ Low Voltage Directive
2011/65/EU RoHS Directive (8 June 2011)

Basate sulle legislazioni degli Stati membri in relazione alla compatibilità elettromagnetica ed alla sicurezza dei prodotti.
On the approximation of the laws of Member States relating to electromagnetic compatibility and product safety.
Basée sur la législation des Etats membres relative à la compatibilté électromagnétique et à la sécurité des produits.
Über die Annäherung der Gesetze der Mitgliedsstaaten in bezug auf elektromagnetische Verträglichkeit und Produktsicherheit entsprechen.
Basado en la aproximación de las leyes de los Países Miembros respecto a la compatibilidad electromagnética y las Medidas de seguridad relativas al producto.

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:
This declaration is based upon compliance of the products to the following standards:
Cette déclaration repose sur la conformité des produits aux normes suivantes:
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:
Esta declaración se basa en el cumplimiento de los productos con las siguientes normas:

EN 55022 (CLASS B ITE), SEPTEMBER 2006	LIMITS AND METHODS OF MEASUREMENTS OF RADIO DISTURBANCE CHARACTERISTICS OF INFORMATION TECHNOLOGY EQUIPMENT
EN 55024, SEPTEMBER 1998: AMENDMENT A2:JUNE 2003	INFORMATION TECHNOLOGY EQUIPMENT - IMMUNITY CHARACTERISTICS LIMITS AND METHODS OF MEASUREMENT
EN 60950-1, APRIL 2006+A11:2009+A1:2010+A12:2011	INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1 : GENERAL REQUIREMENTS
EN 50581, SEPT 2012	TECHNICAL DOCUMENTATIONI FOR THE ASSESSMENT OF ELECTRICAL AND ELECTRONIC PRODUCTS WITH RESPECT TO THE RESTRICTION OF HAZARDUOUS SUBSTANCES

EUGENE, OREGON USA, APRIL, 2013

Brad West

BRAD WEST
VICE PRESIDENT – GLOBAL SUPPLY CHAIN OPERATIONS

www.datalogic.com

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820024114 (Rev. F) **August 2013**