QuickScan™ Lite QW2100

通用型有线手持线性成像条形码阅读器

General Purpose Corded
Handheld Linear Imager Bar Code Reader

快速参考指南

Quick Reference Guide

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Additional patents pending
其他未决专利

语言 Language

中国 1
English 19

NOTES

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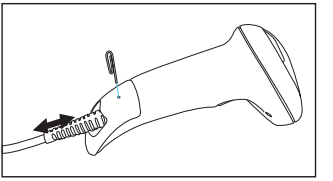
免提支架 / 固定器

选件墙面安装固定器

可用配件，能以方便的角度固定阅读器，允许免提式扫描商品。它也可以用作固定器。按插图 1 所示，务必按住支架两侧的释放按钮来抬高支架臂，否则可能会损坏锁闭机构。固定器“杯体”可定位于三个角中的任意一个角，如图所示。有关使用支架时阅读器编程的信息，请参阅第 **请参阅第 11 页扫描模式**。

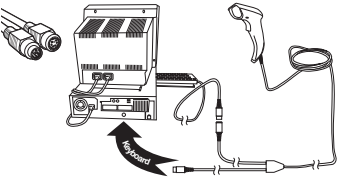
图 1. 调整支架

1 连接 / 断开电缆

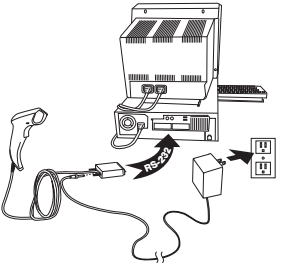


2 连接主机接口

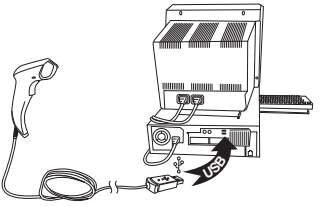
Keyboard Wedge 接口



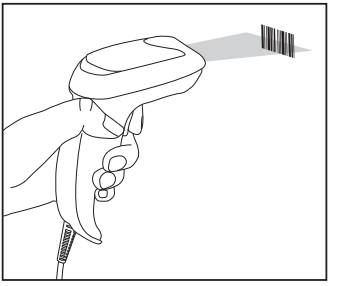
RS-232 接口

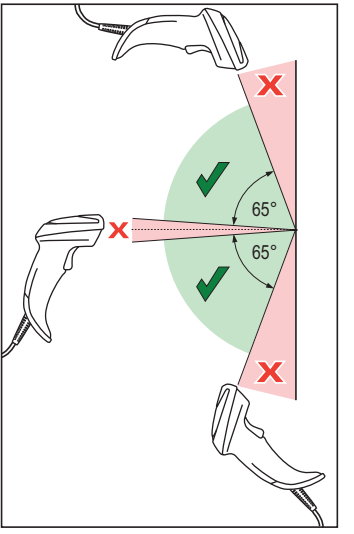


USB 接口

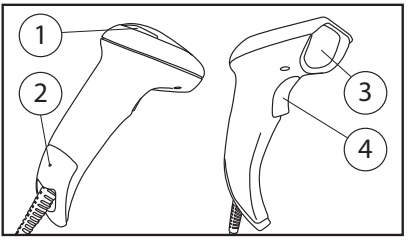


3 一瞄即扫





阅读器的部件



1. LED

2. 电缆释放孔

3. 扫描窗口

4. 扳机

条形码编程

为方便起见，本指南包括配置用于不同接口 （终端 / 主机）类型阅读器所需的条形码编程信息。

有关编程和可配置功能的更多完整信息，请参见产品参考指南 (PRG)。您可以从本手册封底所列网站下载阅读器最新版本的 PRG 和其他可用出版物。

重置标准产品默认值

如果不确定阅读器中有哪些编程选项，或更改了某些选项但想要恢复出厂设置，请扫描下列 “出厂默认设置” 条形码。此操作可将当前活动接口的出厂配置复制到当前设置。

出厂默认设置

主机接口

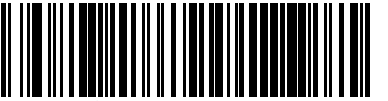
注

视系统配置而定，电缆可能会有所不同。

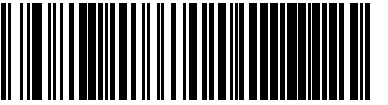
有些接口需要阅读器在接通电源时于禁用状态下启动。如果需要在此状态下进行其他阅读器配置，请扣动扳机并按住 5 秒钟。阅读器将更改为允许对条形码编程的状态。

RS-232 接口

要使用 RS-232 接口，扫描所需 RS-232 主机类型的条形码。



选择 RS-232 Standard



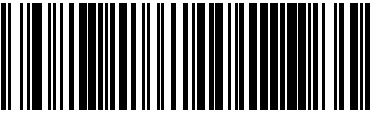
选择 RS-232 Wincor Nixdorf

选择 RS-232 OPOS （用于 OPOS/UPOS/JavaPOS）

USB 接口

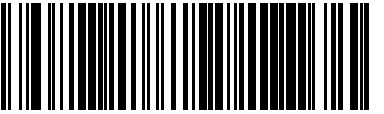
阅读器直接连接到 USB 主机或已接通电源的 USB 集线器，并由它供电。无需额外电源。使用 USB 接口时，阅读器自动检测 USB 并默认为 USB Keyboard 接口。

选择 USB-COM-STD[1]（模拟 RS-232 标准接口）



选择 USB Keyboard （带标准键编码）

选择 USB Alternate Keyboard （带备用键编码）



选择 USB OEM

1. 从 www.datalogic.com 下载正确的 USB Com 驱动程序。

Keyboard Wedge 接口

要使用 Keyboard Wedge 接口，扫描所需键盘类型的条形码。

选择 KBD-AT
（AT、PS/2 25-286、30-286、50、50Z、60、70、80、90 和 95，带标准键编码）

选择 KBD-AT-NK
（IBM AT PS2，带标准键编码，但无外部键盘）

选择 KBD-AT-ALT
（AT、PS/2 25-286、30-286、50、50Z、60、70、80、90 和 95，带备用键）

选择 KBD-AT-ALT-NK
（对于 IBM AT PS2，带备用键编码，但无外部键盘）

选择 KBD-XT （PC/XT，带标准键编码）

扫描模式

注

如果更改了接口类型，扫描器配置会自动重置为不同的扫描模式。

阅读器可以在这几种扫描模式下操作：

Trigger Single（扣动扳机一次）—扣动扳机时，扫描启动，直至出现下列操作之一：

- 可编程时长[1] 已过
- 标签已读取
- 释放扳机

此模式与典型的手持式阅读器操作有关：扣动扳机时，扫描开始且产品开始扫描，直至释放扳机、标签已读取或最大的可编程时长[1] 已过。

Trigger Hold Multiple（按住扳机多次）—扣动扳机时，扫描开始且产品开始扫描，直至释放扳机或可编程时长[1] 已过。读取标签并不会禁用扫描。双读超时[2] 可防止在此模式下意外多次读取

Trigger Pulse Multiple（扳机脉冲多次）—扣动并释放扳机时，扫描启动，直至可编程时长[1] 已过或再次扣动扳机转换为另一种状态。双读超时[2] 可防止在此模式下意外多次读取。

Flashing—阅读器闪烁指示灯[3] 亮起和熄灭与扳机状态无关。

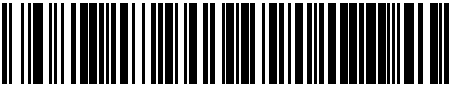
Always On（始终开启）—无需扣动扳机即可读取条形码。扫描持续进行中。双读超时[4] 可防止在此模式下意外多次读取。

Autosense® Stand Mode（感应模式）—无需扣动扳机即可读取条形码。将商品放在阅读器的视野内时，扫描功能会自动开启。如果扣动扳机，阅读器的操作就像在 Trigger Single 模式下一样。双读超时[5] 可防止在此模式下意外多次读取。

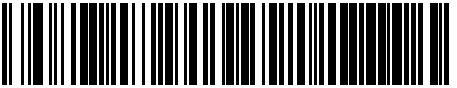
Trigger Object Sense（扳机物体感测）—此模式与 Autosense® 感应模式相似，除了要激活解码器必须扣动扳机以外。

1. 有关更多可编程功能，请参见产品参考指南 (PRG)，在此情形下：Scanning Active Time （扫描有效时间）。
2. 双读超时也使用 PRG 编程。
3. 受闪烁指示灯亮起时间和闪烁指示灯熄灭时间控制。使用 PRG 对这些选项进行编程。
4. 使用 PRG 对双读超时进行编程。
5. 使用 PRG 对双读超时进行编程。

扫描模式 = 扣动扳机一次

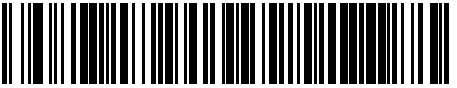


扫描模式 = 按住扳机多次



扫描模式 = 扳机脉冲多次

扫描模式 = 闪烁



扫描模式 = 始终开启

扫描模式 = Autosense® 感应模式

扫描模式 = 扳机物体感测

故障排除

问题	可能的原因	可能的解决方法
扣动扳机时没有任何反应。	阅读器无电。	检查系统电源。确保已连接电源。
	接口或电源电缆松动。	确保所有电缆已牢固连接。
LED 亮起，但条形码未解码。	阅读器未对正确的条形码类型编程。	确保对阅读器的编程可读取已扫描的条形码类型。 有关更多信息，请参阅产品参考指南 (PRG)。
	条形码标签不可读。	检查标签，以确保它未破损。尝试扫描另一个条形码类型。
	阅读器与条形码之间的距离不正确。	使阅读器靠近或远离条形码。
条形码读取能力已经退化。	扫描窗口变脏。	使用柔软的无绒布沾水清洁窗口。
条形码已解码，但未传送到主机。	阅读器编程时未使用正确的主机类型。	扫描适当的主机类型条形码。有关更多信息，请参阅产品参考指南 (PRG)。

对于故障排除的详情，请参阅产品参考指南。

LED 和蜂鸣器指示

阅读器的蜂鸣音和 LED 点亮表示阅读器的各种功能或出现错误。“绿点”也亮起表示有效读取。下表列出了这些指示。上表所列操作的一个例外情况是，可对阅读器功能进行编程，可以或不可打开。例如，接通电源蜂鸣音等某些指示可以使用编程条形码标签来禁用。有关更详细的列表，请参阅 PRG。

指示	LED	蜂鸣器
打开电源	打开电源时 LED 闪烁，但是这可能会太快而看不到。使用 USB 接口时，LED 会闪烁，直至向主机列举过程结束。	打开电源时，阅读器以最高频率和音量发出哔音四次。
有效读取	该指示的 LED 反应为可使用 PRG 进行配置。	成功扫描标签时，以当前频率、音量、单 / 双音设置和时长发出哔音一次。
ROM 故障	亮起 200 毫秒 / 熄灭 200 毫秒	阅读器以最高音量发出一次错误哔音，持续 200 毫秒。
读取扫描标签受限	不适用 (N/A)	阅读器以最高频率和当前音量发出 “啁啾” 音六次。
阅读器被禁用	LED 持续闪烁，亮起 100 毫秒 / 熄灭 900 毫秒	不适用 (N/A)

人体工程学建议

为了避免或将人体工程学伤害的潜在风险降至最低，请遵循以下建议。请咨询您当地的健康与安全管理人员，确保您遵守贵公司的安全计划，以防止员工受伤。

- 减少或避免重复动作
- 保持一种自然的的姿势
- 减少或避免用力过度
- 将物体保留在最易触及的常用范围内
- 在正确的高度执行任务
- 减少或避免振动
- 减少或避免直接压力
- 提供可调节的工作台
- 提供足够的间隙
- 提供适宜的工作环境
- 改进工作程序。

管制信息

所有机型的设计均遵循销售所在地的规则与规章，并按要求贴上标签。未经 Datalogic 明确批准，对设备进行任何更改或修改均会导致用户无权操作设备。

电源

对本产品和机型仅使用经 Datalogic 认可的电源。机型需要所列 II 类或 III 类限定电源 (LPS) 直接向阅读器供电。对于有效的安全认证，III 类输入电源必须符合 IEC/EN60950-1（EN 60335 系列，EN 60065 或相关）标准。

输入：100 - 240 伏交流电　　输出：5 伏直流电
最大电流：0.35 安培　　输出功率：12.5 瓦

对于 USB 掉电终端应用程序，仅连接至 USB 1.0、1.1 或 2.0 主机设备。

射频干扰要求

Tested to comply with FCC Standards
FOR HOME OR OFFICE USE

根据 FCC 规则第 15 部分，本设备经过测试符合 B 类数字设备的限制。这些限制旨在对住宅安装提供合理的保护，防止有害干扰。本设备可产生、使用并能发出射频能量，如果未按说明书安装和使用，可能会对无线电通信造成有害干扰。然而，在特定安装中不保证不会发生干扰。如果设备对无线电或电视接收造成了有害干扰，可通过关闭和打开设备来确定，我们鼓励用户采取下列一种或多种措施尝试纠正干扰：

- 重新定向或定位接收天线。
- 增加设备和接收器之间的距离。
- 将设备连接至与接收器不在同一电路的插座上。
- 向经销商或有经验的无线电 / 电视技术人员寻求帮助。

注意

用户应注意，未经负责符合性一方的明确批准，任何变更或修改均会导致用户无权操作设备。

射频干扰要求 — 加拿大

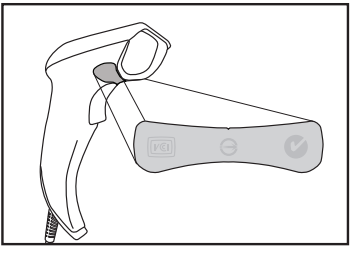
此 B 级数字装置符合加拿大 ICES-003 标准。

This Class B digital apparatus complies with Canadian IC-ES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

阅读器标签

此处所示标签仅用于说明其位置。有关实际细节，请查看产品上的标签。



担保

Datalogic 向客户保证，Datalogic 产品自发货之日起 3 年内，在材料和工艺上无缺陷。

Datalogic ADC 厂家有限担保书

担保范围

Datalogic ADC （“Datalogic”）保证在正常和正确使用的情况下，其硬件产品的材料和工艺没有缺陷。根据本担保书，Datalogic 的责任限于，对本担保所涵盖的任何缺陷提供必要的人工和零部件进行补救，并将产品恢复到正常使用条件。在保修期内修理或更换产品不会延长原保修期限。产品按制造时适用的规格进行销售，Datalogic 没有义务修改或更新售出的产品。

如果 Datalogic 确定产品存在材料或工艺缺陷，Datalogic 可自行决定在不收取额外零部件和人工费用的情况下修理或更换产品，或及时将有缺陷的产品退还给 Datalogic 时退款。维修时，Datalogic 可以使用经检测符合同等新材料及产品的适用规范的全新或经修复的零部件、元件、组件或产品。客户允许 Datalogic 将从已维修产品中取下的所有零部件作为废弃材料进行处置。对于 Datalogic 公布的购买时产品的保修期限 （保修期），应从 Datalogic 装运之日后延。Datalogic 对维修后硬件设备的修复组件工艺及材料缺陷提供 90 天的保修期，从 Datalogic 装运维修产品之日起或直至原保修期到期之前，以较长者为准。对修理后装置的配置、数据和应用程序的维护、损坏或丢失，Datalogic 既不保证，也不负责，并且能够自行决定以 “出厂默认” 配置或维修时更新软件或固件后 （除非该固件或软件已在产品制造过程中安装）送还装置。客户负责保留软件和数据的备份副本。

担保索赔程序

为获得工厂保修服务，客户必须在适用的保修期到期之前将声称的缺陷通知给 Datalogic，并从 Datalogic 获取返货至指定 Datalogic 维修中心的返货授权编号 (RMA)。如果 Datalogic 确定客户的主张有效，Datalogic 将修理或更换产品，不收取额外零部件和人工费用。客户应负责包装并将产品交付到指定的 Datalogic 维修中心，须预付运费。如果是运送到 Datalogic 维修中心所在的国家或地区的某个位置，Datalogic 将支付将产品送还至客户的运费。客户应负责为送还至其他位置的产品支付所有运费、关税、税费和任何其他费用。不遵守适用的 RMA 政策可能会产生处理费用。对于 Datalogic 经自行判断确定无缺陷或不符合保修规定的产品，客户应负责支付返还运费。

担保除外

Datalogic 工厂担保不适用于：

(i) 已损坏的产品，或由非 Datalogic 维修人员或其授权代表修改、更改、修理或升级的任何产品；

(ii) 经 Datalogic 确定由错误操作、使用不当、滥用、误用、磨损与损坏、疏忽、保管不当或使用未经 Datalogic 认可或提供的零部件或附件而导致的任何所声称的缺陷、故障或损坏；

(iii) 由将产品用于任何其他仪器、设备或器具导致的任何所声称的缺陷或损坏；

(iv) 由未能提供正当保养 （包括但不限于按照产品手册清洁上方窗口）导致的任何所声称的缺陷或损坏；

(v) 由自然或人为灾难 （包括但不限于火灾、水灾、洪水、其它自然灾害，可能造成内外元件损坏或整机、消耗性物件损毁的恶意人为破坏或滥用事件）导致的任何故障或损坏；

(vi) 由非恢复操作 （例如固件或软件升级、软件或硬件重新配置等）导致的任何损坏或故障；

(vii) 由于刮痕、污渍或其他功能退化导致的更换上方窗口 / 外壳，和 / 或

(viii) 任何消耗品或同等装置 （例如电缆、电源、电池、键盘、触摸屏、扳机等）。

不得转让

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Datalogic ADC, Inc.

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3.3 End User may obtain support for Software from Datalogic at Datalogic's standard support fees and under Datalogic's standard support terms and conditions in effect at the time the support is requested.

4. Intellectual Property.

End User acknowledges that the Software constitutes valuable trade secrets of Datalogic or Datalogic's third party licensors and that the Software is protected by intellectual property laws and

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5.1 End User acknowledges that Proprietary Information is the confidential, proprietary, and trade secret property of Datalogic and Datalogic's third party licensors and End User acquires no right or interest in any Proprietary Information.

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5.3 The provisions of this Proprietary Information Section shall survive and continue for five (5) years after the termination of this Agreement.

6. Limited Warranty.

6.1 Datalogic warrants that, under normal use and operation, the Datalogic Product will conform substantially to the applicable Documentation for the period specified in the Documentation. During this period, for all reproducible nonconformities for which Datalogic has been given written notice, Datalogic will use commercially reasonable efforts to remedy nonconformities verified by Datalogic. End User agrees to supply Datalogic with all reasonably requested information and assistance necessary to help Datalogic in remedying such nonconformities. For all defects reported to Datalogic within the warranty period, Datalogic's liability is limited to providing End User with one copy of corrections or responding to End User's problem reports according to Datalogic's standard assistance practices. Datalogic does not warrant that the product will meet End User's requirements or that use of the product will be uninterrupted or error free, or that Datalogic's remedial efforts will correct any nonconformance. This limited warranty does not cover any product that have been subjected to damage or abuse, whether intentionally, accidentally, or by neglect, or to unauthorized repair or unauthorized installation, and shall be void if End User modifies the product, uses the product in any manner other than as established in the Documentation, or if End User breaches any of the provisions of this Agreement.

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9.2 If End User is using the Datalogic Product outside of the United States, End User must comply with the applicable local laws of the country in which the Datalogic Product is used, with U.S. export control laws, and with the English language version of this Agreement. The provisions of the "United Nations Convention on International Sale of Goods" shall not apply to this Agreement.

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10.1 Either party may terminate this Agreement or any license granted under this Agreement at any time upon written notice if the other party breaches any provision of this Agreement.

10.2 Upon termination of this Agreement, End User immediately shall cease using any nonembedded software and shall return to Datalogic or destroy all non-embedded software covered by this Agreement, and shall furnish Datalogic with a certificate of compliance with this provision signed by an officer or authorized representative of End User. For embedded software, End User agrees to sign a waiver prepared by Datalogic concerning further use of the embedded Software. End User's resumed or continued use of the embedded Software after termination shall constitute End User's agreement to be bound by the terms and conditions of this Agreement for such use.

11. General Provisions.

11.1 Entire Agreement; Amendment. This document contains the entire agreement between the parties relating to the licensing of the Software and supersedes all prior or contemporaneous agreements, written or oral, between the parties concerning the licensing of the Software. This Agreement may not be changed, amended, or modified except by written document signed by Datalogic.

11.2 Notice. All notices required or authorized under this Agreement shall be given in writing, and shall be effective when received, with evidence of receipt. Notices to Datalogic shall be sent to the attention of Contract Administration, Datalogic ADC, Inc., 959 Terry Street, Eugene, OR 97402, or such other address as may be specified by Datalogic in writing.

11.3 Waiver. A party's failure to enforce any of the terms and conditions of this Agreement shall not prevent the party's later enforcement of such terms and conditions.

11.4 Governing Law; Venue: This Agreement and the rights of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Oregon U.S.A, without regard to the rules governing conflicts of law. The state or federal courts of the State of Oregon located in either Multnomah or Lane counties shall have exclusive jurisdiction over all matters regarding this Agreement, except that Datalogic shall have the right, at its absolute discretion, to initiate proceedings in the courts of any other state, country, or territory in which End User resides, or in which any of End User's assets are located.

11.5 Attorneys' Fees. In the event an action is brought to enforce the terms and conditions of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees, both at trial and on appeal.

- END -

Software Product Policy

Datalogic reserves the right to ship its products with the latest version of software/firmware available. This provides our customers with the very latest in Datalogic software technology. The only exception to this policy is when the buyer has a signed contract with Datalogic that clearly defines the terms and conditions for making software/firmware changes in products shipped to the buyer.

Customers Under Software Support

Customers that elect to subscribe to Datalogic Software Maintenance and Support Agreement will receive 30 days advance notification of: (1) the release of a new software version; and/or (2) discontinuation of any prior software version that will no longer be supported. Datalogic will provide maintenance for a fee that will assist customers in transitioning to the next software version. If a customer is currently using the software version being discontinued, the customer may elect to transition to any one of the newer versions, depending on the hardware in use.

To arrange for a Software Maintenance and Support Agreement please contact your Datalogic sales person.

Hands Free Stand/Holder

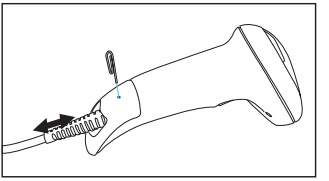
Optional Wall Mount Holder

An accessory is available which holds the reader at a convenient angle, allowing hands free scanning of items. It can also be used as a holder. Always press in on the release buttons on both sides of the stand to raise the arm of the stand as shown in the inset of Figure 1, otherwise you could damage the locking mechanism. The holder "cup" can be positioned in any of the three angles shown in the figure.

Refer to Scanning Modes on page 31 for information about programming the reader for use with the stand.

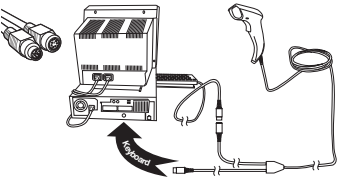
Figure 1. Adjusting the Stand

1 Connect/Disconnect Cable

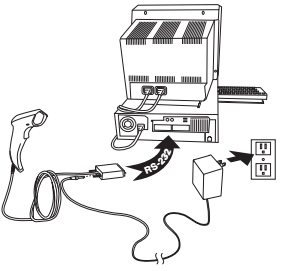


2 Connect Host Interface

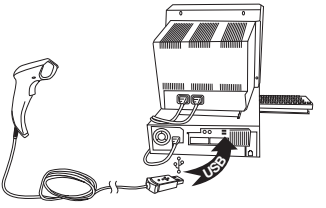
Keyboard Wedge Interface



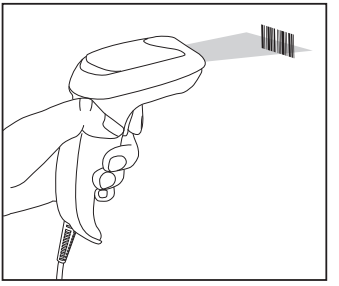
RS-232 Interface

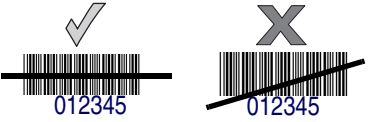


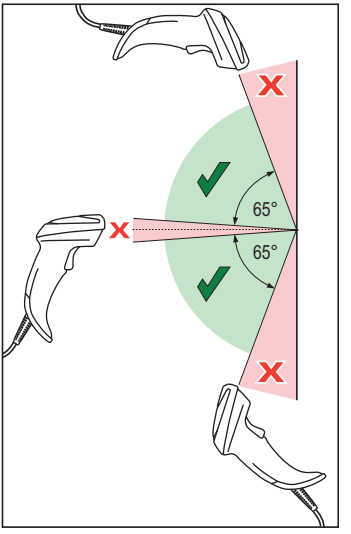
USB Interface



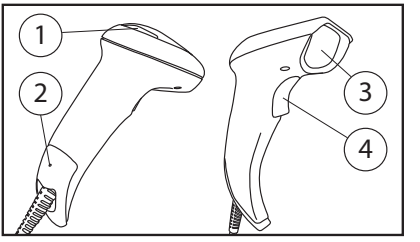
3 Aim and Scan







Parts of the Reader



1. LED
2. Cable Release Hole
3. Scan Window
4. Trigger

Programming Bar Codes

For your convenience, this guide includes the programming bar codes required to configure the reader for use with different interface (terminal/host) types.

See the Product Reference Guide (PRG) for more complete information about programming and configurable features. You can download the latest version of the PRG and any other available publications for the reader from the website listed on the back cover of this manual.

Resetting the Standard Product Defaults

If you aren't sure what programming options are in your reader, or you've changed some options and want the factory settings restored, scan the Factory Default Settings bar code below. This will copy the factory configuration for the currently active interface to the current configuration.

Factory Default Settings

Host Interfaces

NOTE

Cables may vary depending upon system configuration.

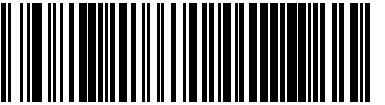
Some interfaces require the reader to start in the disabled state when powered on. If additional reader configuration is desired while in this state, pull the trigger and hold it for five seconds. The reader will change to a state that allows programming with bar codes.

RS-232 Interface

To use an RS-232 interface, scan the bar code for the desired RS-232 host type.

Select RS-232 Standard

Select RS-232 Wincor Nixdorf



Select RS-232 OPOS (for use with OPOS/UPOS/JavaPOS)

USB Interface

The reader 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 reader auto-detects the USB and defaults to the USB Keyboard interface.

Select USB-COM-STD[1] (simulates RS-232 standard interface)

Select USB Keyboard (with standard key encoding)

Select USB Alternate Keyboard (with alternate key encoding)

Select USB OEM

1. Download the correct USB Com driver from www.datalogic.com.

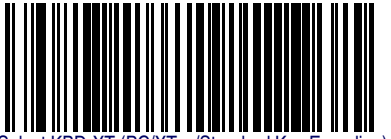
To use a Keyboard Wedge interface, scan the bar code for the desired keyboard type.

Select KBD-AT
(AT, PS/2 25-286, 30-286, 50, 50Z, 60, 70, 80, 90 & 95 w/Standard Key Encoding)

Select KBD-AT-NK
(IBM AT PS2 with standard key encoding but without external kbd.)

Select KBD-AT-ALT
(AT, PS/2 25-286, 30-286, 50, 50Z, 60, 70, 80, 90 & 95 w/Alternate Key)

Select KBD-AT-ALT-NK (for IBM AT PS2 with alternate key encoding but without external keyboard)



Select KBD-XT (PC/XT w/Standard Key Encoding)

Scanning Modes

NOTE

If the interface type is changed, scanner configuration may be automatically reset to a different Scanning Mode.

The reader can operate in one of several scanning modes:

Trigger Single — When the trigger is pulled, scanning is activated until one of the following occurs:

- a programmable duration[1] has elapsed
- a label has been read
- the trigger is released

This mode is associated with typical handheld reader operation: when the trigger is pulled, scanning starts and the product scans until the trigger is released, or a label is read, or the maximum programmable duration[1] has elapsed.

Trigger Hold Multiple — When the trigger is pulled, scanning starts and the product scans until the trigger is released or a programmable duration[1] has elapsed. Reading a label does not disable scanning. Double Read Timeout[2] prevents undesired multiple reads while in this mode.

Trigger Pulse Multiple — When the trigger is pulled and released, scanning is activated until programmable duration[1] has elapsed or the trigger has been pulled again to transition to another state. Double Read Timeout[2] prevents undesired multiple reads while in this mode.

Flashing — The reader flashes[3] on and off regardless of the trigger status.

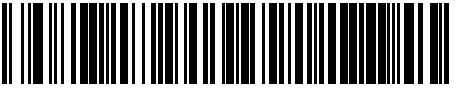
Always On — No trigger pull is required to read a bar code. Scanning is continually on. Double Read Timeout[4] prevents undesired multiple reads while in this mode.

Autosense® Stand Mode — No trigger pull is required to read a bar code. Scanning is turned on automatically when an item is placed in reader's field of view. If the trigger is pulled, the reader acts as if it in Trigger Single mode. Double Read Timeout[5] prevents undesired multiple reads while in this mode.

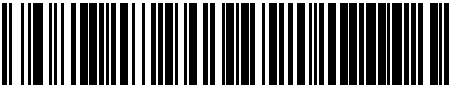
1. See the Product Reference Guide (PRG) for additional programmable features, in this case: Scanning Active Time.
2. Double Read Timeout is also programmed using the PRG.
3. Controlled by Flash On Time and Flash Off Time. Use the PRG to program these options.
4. Double Read Timeout is programmed using the PRG.
5. Double Read Timeout is programmed using the PRG.

Trigger Object Sense — This mode is similar to Autosense® Stand Mode, except that a trigger pull is required to activate the decoder.

Scan Mode = Trigger Single

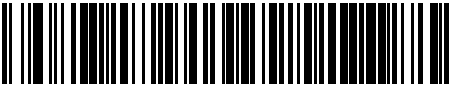


Scan Mode = Trigger Hold Multiple



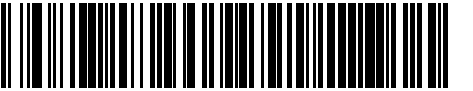
Scan Mode = Trigger Pulse Multiple

Scan Mode = Flashing



Scan Mode = Always On

Scan Mode = Autosense® Stand Mode



Scan Mode = Trigger Object Sense

Troubleshooting

Problem	Possible Cause	Possible Solutions
Nothing happens when the trigger is pulled.	No power to the reader.	Check system power. Ensure power supply is connected.
	Interface or power cables are loose.	Ensure all cable connections are secure.
LED comes on, but bar code does not decode.	Reader not programmed for correct bar code type.	Ensure reader is programmed to read the type of bar code scanned. Refer to the Product Reference Guide (PRG) for more information.
	Bar code label is unreadable.	Check the label to ensure it is not defaced. Try scanning another bar code type.
	Distance between reader and bar code is incorrect.	Move reader closer to or further from the bar code.
Bar code reading ability has degraded.	Scan Window has become dirty.	Clean window using a soft, lint-free cloth dampened with water.
Bar code is decoded but not transmitted to the host.	Reader not programmed for the correct host type.	Scan the appropriate host type bar code. Refer to the Product Reference Guide (PRG) for more information.

NOTE

For detailed troubleshooting, refer to the Product Reference Guide.

LED and Beeper Indications

The reader's beeper sounds and its LED illuminates to indicate various functions or errors on the reader. A "Green Spot" also lights to indicate a good read. The tables below list these indications. One exception to the behaviors listed in the tables is that the reader's functions are programmable, and may or may not be turned on. For example, certain indications, such as the power-up beep can be disabled using programming bar code labels. Reference the PRG for a more detailed list.

Indication	LED	Beeper
Power-up	LED flashes/blinks on power-up, however, this may be too rapid to view. With a USB interface, the LED blinks until enumeration with the host is completed.	Reader beeps four times at highest frequency and volume upon power-up.
Good Read	LED behavior for this indication is configurable using the PRG.	One beep at current frequency, volume, mono/bi-tonal setting and duration upon a successful label scan.
ROM Failure	200ms on / 200ms off	Reader sounds one error beep at highest volume for 200 mS.
Limited Scanning Label Read	N/A	Reader 'chirps' six times at the highest frequency and current volume.
Reader Disabled	The LED blinks continuously 100mS on / 900 mS off	N/A

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 reader. 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 VDC
Max Current: 0.35 Amps	Power Out: 12.5 Watts

NOTE

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

Radio Frequency Interference Requirements

Tested to comply with FCC Standards
FOR HOME OR OFFICE USE

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.

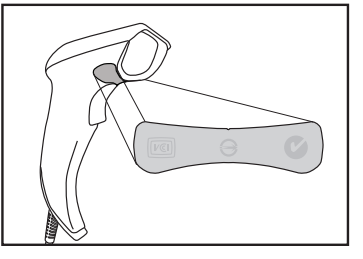
Radio Frequency Interference Requirements - Canada

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.

Reader Labeling

The label is shown here to illustrate its location only. Please view the labels on your product for actual details.



Warranty

Datalogic warrants to Customer that Datalogic's products will be free from defects in materials and workmanship for a period of 3 years from product shipment.

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 product 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.

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Datalogic ADC, Inc.
959 Terry St.
Eugene, OR 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 Lite QW2100 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:

2004/108/EC EMC Directive
2011/65/EC 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 compatibilité 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: AMMENDMENT A1: OCTOBER 2007	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	INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1: GENERAL REQUIREMENTS
EN 50581, SEPT 2012	TECHNICAL DOCUMENTATION FOR THE ASSESSMENT OF ELECTRICAL AND ELECTRONIC PRODUCTS WITH RESPECT TO THE RESTRICTION OF HAZARDOUS SUBSTANCES

Eugene, Oregon USA, Updated March, 2013

Brad West
Vice President - Supply Chain Operation

www.datalogic.com 820036301 (RevB) April / 2013