

מדריך תכנות מהיר

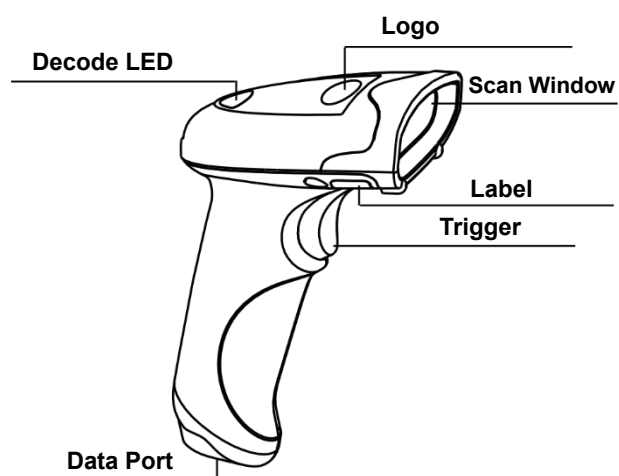
סורק ברקוד Newland HR1060 Sardina

איך משתמשים: מוצאים את ההגדרה הרצויה בעמודים הבאים, סורקים את ברקוד ההגדרה עם הסורק, ומקבלים צפצוף אישור. חלק מההגדרות דורשות לסרוק קודם Enter Setup ובסוף Exit Setup — זה מופיע בראש העמוד. ברירת המחדל מסומנת ב-**. אם משהו הסתבר — סרקו Restore All Factory Defaults והתחילו מחדש.

תוכן העניינים

עמ' 2	חלקי הסורק ונורות החיווי
עמ' 3	חיבור בכבל USB
עמ' 4	כניסה ויציאה ממצב תכנות
עמ' 5	החזרה להגדרות היצרן
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עמ' 9	צפצוף קריאה
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עמ' 14	פריסת מקלדת (המשך)
עמ' 15	הדמיית יציאת COM ב-USB
עמ' 16	תו סיום — Enter / Tab
עמ' 17	הגדרת תו סיום (המשך)

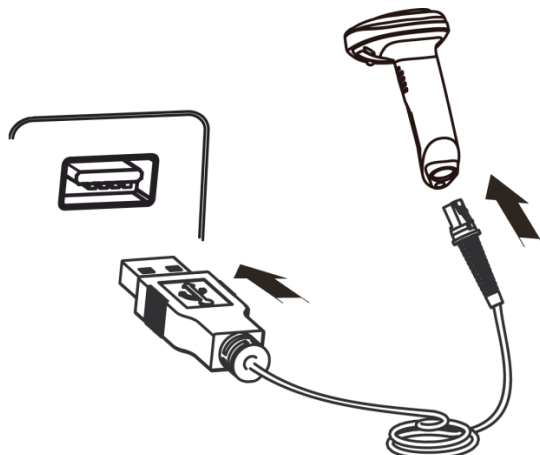
HR10 Scanner



Decode LED:

Green: Barcode is decoded successfully.

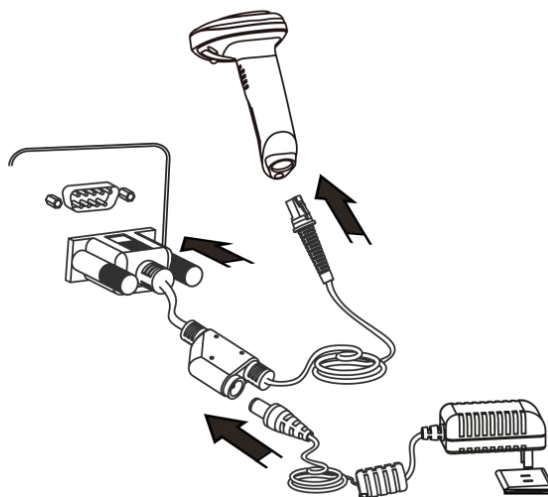
Using USB Cable



Connect the scanner to a Host through a USB cable with RJ45 and USB connectors:

1. Plug the RJ45 connector into the data port on the scanner.
2. Plug the USB connector into the USB port on the Host.

Using RS-232 Cable



Connect the scanner to a Host through an RS-232 cable with RJ45, RS-232 and power connectors:

1. Plug the RJ45 connector into the data port on the scanner.
 2. Plug the RS-232 connector into the RS-232 port on the Host.
 3. Connect the supplied power adaptor to the power connector of the RS-232 cable.
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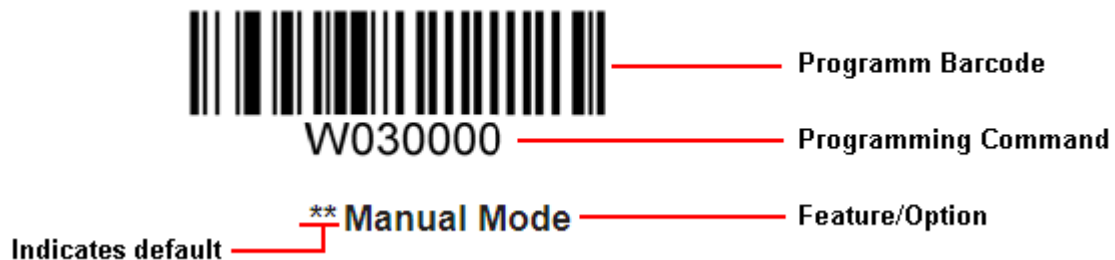
Chapter 2 System Settings

Introduction

There are two ways to configure the scanner: barcode programming and command programming.

Barcode Programming

The scanner can be configured by scanning programming barcodes. All user programmable features/options are described along with their programming barcodes/commands in the following sections.



Command Programming

Besides the barcode programming method, the scanner can also be configured by serial commands sent from the host device. Note that communication parameters on the scanner and the host must match so that two devices can communicate with each other. The default settings of the scanner are 9600bps, no parity check, 8 data bits, 1 stop bit, and no flow control. The scanner uses 8-bit registers.





W010F01

** Enter Setup

Factory Defaults

Scanning the following barcode can restore the scanner to the factory defaults.

You may need to reset your scanner when:

1. scanner is not properly configured so that it fails to decode barcodes;
2. you forget previous configuration and want to avoid its impact;
3. functions that are rarely used have been enabled for the time being.



WFFD980

Restore All Factory Defaults



W010F00

Exit Setup



W010F01

** Enter Setup

Scan Mode

Manual Mode

Manual Mode (default): A trigger pull activates a decode session. The decode session continues until the barcode is decoded or the trigger is released or the decode session timeout expires.



W030000

** Manual Mode

Decode Session Timeout: This parameter sets the maximum time decode session continues during a scan attempt. It is programmable in 1s increments from 1s to 255s. The default timeout is 15s. If the parameter is set to 0, the decode session timeout is infinite.



M00031D

Decode Session Timeout

Example: Set the decode session timeout to 5s

1. Scan the **Enter Setup** barcode.
2. Scan the **Decode Session Timeout** barcode.
3. Scan the numeric barcode "5". (See the **Digit Barcodes** section in Appendix)
4. Scan the **Save** barcode. (See the **Save/Cancel Barcodes** section in Appendix)
5. Scan the **Exit Setup** barcode.



W010F00

Exit Setup



W010F01

** Enter Setup

Continuous Mode

Continuous Mode: A trigger press activates the scanner to scan and decode at user-specified intervals, i.e. the timeout between decodes. Each decode session lasts until barcode is decoded or the decode session timeout expires. To suspend/resume the operation, simply press the trigger. By default, the scanner rereads same barcode with no delay.



W030002

Continuous Mode

Decode Session Timeout: This parameter sets the maximum time decode session continues during a scan attempt. It is programmable in 1s increments from 1s to 255s. The default timeout is 15s. If the parameter is set to 0, the decode session timeout is infinite.



M00031D

Decode Session Timeout

Example: Set the decode session timeout to 5s

1. Scan the **Enter Setup** barcode.
2. Scan the **Decode Session Timeout** barcode.
3. Scan the numeric barcode "5". (See the **Digit Barcodes** section in Appendix)
4. Scan the **Save** barcode. (See the **Save/Cancel Barcodes** section in Appendix)
5. Scan the **Exit Setup** barcode.



W010F00

Exit Setup



W010F01

** Enter Setup

Sense Mode

Sense Mode: The scanner activates a decode session every time when it detects a change in ambient illumination and meets the requirement of the image stabilization timeout. Decode session continues until barcode is decoded or the decode session timeout expires. A trigger pull can also activate a decode session. By default, the scanner rereads same barcode with no delay.



W030003

Sense Mode

Decode Session Timeout: This parameter sets the maximum time decode session continues during a scan attempt. It is programmable in 1s increments from 1s to 255s. The default timeout is 15s. If the parameter is set to 0, the decode session timeout is infinite.



M00031D

Decode Session Timeout

Example: Set the decode session timeout to 5s

1. Scan the **Enter Setup** barcode.
2. Scan the **Decode Session Timeout** barcode.
3. Scan the numeric barcode “5”. (See the **Digit Barcodes** section in Appendix)
4. Scan the **Save** barcode. (See the **Save/Cancel Barcodes** section in Appendix)
5. Scan the **Exit Setup** barcode.



W010F00

Exit Setup



W010F01

** Enter Setup

Good Read Beep



W041204

** Good Read Beep On



W041200

Good Read Beep Off



W010F00

Exit Setup



W010F01

** Enter Setup

USB Interface

When the scanner is connected to a host device through its USB interface, **USB HID-KBW** is enabled by default. User can switch between options – **USB DATAPIPE**, **USB HID-KBW**, **USB COM Port Emulation** and **HID-POS**, upon actual need.

USB HID-KBW



W070901

** USB HID-KBW



W010F00

Exit Setup



W010F01

** Enter Setup

Standard Keyboard

When the USB HID-KBW feature is enabled, the scanner selects **Standard Keyboard** by default. Besides that, the other two options are provided: **Emulate ALT+Keypad** and **Function Key Mapping**.



W031A00

** Standard Keyboard

Emulate ALT+Keypad

When **Emulate ALT+Keypad** is enabled, any ASCII character (0x00 - 0xFF) is sent over the numeric keypad no matter which keyboard type is selected. Since sending a character involves multiple keystroke emulations, this method appears less efficient.

1. ALT Make
2. Enter the number corresponding to the ASCII character on the keypad.
3. ALT Break



W031A03

Emulate ALT+Keypad

Note: It is recommended to turn on the Num Lock light on the host when using this feature.



W010F00

Exit Setup



W010F01

** Enter Setup

USB Country Keyboard Types

Keyboard layouts vary from country to country. All supported keyboard types are listed below.



WFF1900

** 1 - U.S.



WFF1901

2 - Belgium



WFF1902

3 - Brazil



WFF1903

4 - Canada



WFF1904

5 - Czech



WFF1905

6 - Denmark



WFF1906

7 - Finland



WFF1907

8 - France



W010F00

Exit Setup



W010F01

** Enter Setup



WFF1908

9 - Austria



WFF1909

10 - Greece



WFF190A

11 - Hungary



WFF190B

12 - Israel



WFF190C

13 - Italy



WFF190D

14 - Latin America



WFF190E

15 - Netherland



WFF190F

16 - Norway



WFF1910

17 - Poland



WFF1911

18 - Portugal



W010F00

Exit Setup



W010F01

** Enter Setup



WFF1912

19 - Romania



WFF1913

20 - Russia



WFF1915

21 - Slovakia



WFF1916

22 - Spain



WFF1917

23 - Sweden



WFF1918

24 - Switzerland



WFF1919

25 - Turkey1



WFF191A

26 - Turkey2



WFF191B

27 - UK



WFF191C

28 - Japan



W010F00

Exit Setup



W010F01

** Enter Setup

USB COM Port Emulation

This feature allows the host to receive data in the way as a serial port does. However, you need to set communication parameters on the scanner to match the Host requirements. A driver is required for this feature.



W070902

USB COM Port Emulation



W010F00

Exit Setup



W010F01

** Enter Setup

Terminating Character Suffix

A terminating character, such as carriage return (CR) and line feed (LF), can be used to mark the end of data, which means nothing can be added after it.

A terminating character suffix cannot exceed 5 characters.

Enable/Disable Terminating Character Suffix

To enable/disable terminating character suffix, scan the appropriate barcode below.



W103110

** Enable Terminating Character Suffix



W103100

Disable Terminating Character Suffix



W010F00

Exit Setup



W010F01

** Enter Setup

Set Terminating Character Suffix

The scanner provides a shortcut for setting the terminating character suffix to 0x0D (CR) or 0x0D,0x0A (CRLF) or 0x09 (Horizontal Tab) by scanning the following barcode.



WFFD9C3

Terminating Character 0x0D



WFFD9C4

** Terminating Character 0x0D,0x0A



WFFD9C5

Terminating Character 0x09



M000102

Set Terminating Character Suffix

To set other terminating character suffix, scan the **Set Terminating Character Suffix** barcode, the numeric barcodes corresponding to the hexadecimal value of a desired terminating character, and the **Save** barcode.

Note: A terminating character suffix cannot exceed 5 characters.

Example: Set the terminating character suffix to 0x0A

1. Scan the **Enter Setup** barcode.
2. Scan the **Set Terminating Character Suffix** barcode.
3. Scan the numeric barcodes "0" and "A". (See the **Digit Barcodes** section in Appendix)
4. Scan the **Save** barcode. (See the **Save/Cancel Barcodes** section in Appendix)
5. Scan the **Enable Terminating Character Suffix** barcode.
6. Scan the **Exit Setup** barcode.



W010F00

Exit Setup