

2C-WHS-26-2D

User Guide

2connect
TECHNOLOGY FOR YOU



Soluciones para negocios

About This User Guide

Disclaimer

Please do not dismantle the product or tear up the seal on it, otherwise we won't provide warranty or replacement service.

The pictures in this user guide are for reference only. If there are any pictures which not match the actual product, please take actual products as the standard. Updated information is subject to change without notice.

All information contained in this guide are protected by copyright, and our company reserves all rights. All or part of this guide is prohibited to excerpt, copy, bundle other products, or sell without the written permission from us.

Our company has the right of final interpretation of this manual.

Service information

If you need more technical support, please call us or send us an email. We are happy to serve you.

Version record

version number	Version description	Version date
LW-1.10A	Initial version	2017-12-12
LW-1.10E 20 : 52 : 52 Jan 24 2018	1. Add small language keyboard setting barcode; 2. The virtual Bluetooth mode setting the barcode; 3. HID search setting the barcode.	2018-02-05
SW:LW-1.10M 17:24:17 Apr 11 2018 Boot: 1.02A	Repair cannot be reconnected automatically	2018-6-30
SW:LW-1.16A 17:40:05 Aug 29 2018 Boot: 1.04A	Fix automatic adaptation	2018-8-30
SW:LW-1.17B 17:13:18 Sep 27 2018 Boot: 1.04A	1, repair upload menu data 2, increase the Belgian French keyboard 3, increase the ending suffix Tab 4, increase the cast large, lowercase and no conversion case	2018-9-28
SW:LW-1.17D 12:40:19 Nov 06 2018 Boot: 1.04A	Fix bugs, BLE mode sometimes fails	2019-1-5
SW:LW-1.18B.17 : 27:56 Mar 15 2019 Boot: 1.05A	Modify the settings menu (no need to read the settings and exit settings)	2019-3-29
SW:LW-1.19B 10:23:47 May 20 2019 Boot: 1.05A	Add control character escape function Increase and hide more byte bits setting code Add UPC-A to EAN-13 Add upc-e to UPC-A	2019-05-21

	<p>Add UPC / EAN / Jan additional code</p> <p>Add ean to ISBN</p> <p>Add ean to ISSN</p> <p>Can support unlimited length setting of one-dimensional barcode</p> <p>Add support for reverse barcode</p> <p>Increase codeID</p> <p>Increase AIM ID</p> <p>Add control character escape</p> <p>Add auto sense</p>	
<p>SW:LW-1.19C 16:58:20 Aug 15 2019</p> <p>Boot: 1.04A</p>	<p>Repair the disconnection phenomenon under the specific length of ble mode</p>	<p>2019-10-30</p>

CATALOG

1.Product Introduction.....	- 9 -
1.1 Main feature.....	- 9 -
1.2 Unpack your device.....	- 9 -
1.3 Communication port.....	- 9 -
1.4 LED indicator light.....	- 9 -
1.5 Start-up, shutdown, standby and restart.....	- 10 -
1.6 Maintenance.....	- 10 -
1.7 Reading skills.....	- 10 -
2.System Setting.....	- 11 -
2.1 Mark setting.....	- 11 -
2.2 Basic barcode setting.....	- 11 -
2.2.1 Pair receiver.....	- 11 -
2.2.2 Real-time mode.....	- 12 -
2.2.3 Warehousing mode.....	- 12 -
2.2.4 Initialization setting.....	- 13 -
2.2.5 Read version information.....	- 13 -
2.2.6 Time out setting.....	- 14 -
2.3 Volume setting.....	- 15 -
2.3.1 Volume setting.....	- 15 -
2.3.2 Buzzer frequency setting.....	- 15 -
2.4 Language setting.....	- 16 -
2.5 Transmission speed setting.....	- 17 -
2.6 Suffix setting.....	- 18 -

2.7 Add user-defined prefix/suffix.....	- 18 -
2.8 Hide user-defined prefix/suffix.....	- 19 -
2.9 Control character escape.....	- 22 -
2.10 GS Character barcode setting.....	- 22 -
2.11 USB Keyboard case output control.....	- 23 -
2.12 Product user configuration.....	- 23 -
2.13 Unicode Output Mode.....	- 24 -
2.14 Scan mode.....	- 24 -
2.15 Repeated code detection.....	- 25 -
2.16 Screen reading mode.....	- 26 -
2.17 Center mode.....	- 26 -
2.19 Code ID output option setting.....	- 27 -
2.20 AIM ID Barcode setting.....	- 28 -
2.21 Inverse code option(for 1D barcode / DataMatrix/Aztec).....	- 28 -
2.22 Symbologies.....	- 29 -
2.22.1 Enable/disable all symbologies.....	- 29 -
2.22.2 Enable/disable all 1D symbologies.....	- 29 -
2.22.3 Enable/disable all 2D symbologies.....	- 30 -
2.22.4 Codabar On/off setting.....	- 30 -
2.22.5 Codabar Start/ending character setting.....	- 30 -
2.22.6 Codabar Length limit setting.....	- 31 -
2.22.7 Code 39 Turn barcode on/off setting.....	- 31 -
2.22.8 Code 39 Check bit setting.....	- 32 -
2.22.9 Code 39 Full ASCII On/off setting.....	- 32 -
2.22.10 Code 39 Length limit setting.....	- 33 -
2.22.11 Code 32 (need code39to open) Turn barcode on/off setting.....	- 33 -
2.22.12 Interleaved 2 of 5(ITF25)Turn barcode on/off setting.....	- 33 -
2.22.13 Interleaved 2 of 5(ITF25)Check bit setting.....	- 34 -
2.22.14 Interleaved 2 of 5(ITF25)Length selection setting.....	- 34 -
2.22.15 Interleaved 2 of 5 Length limit setting.....	- 36 -

2.22.16 Industrial 2 of 5(Industry 25 code)Turn barcode on/off setting.....	- 37 -
2.22.17 Industrial 2 of 5 Length limit setting.....	- 37 -
2.22.18 Matrix 2 of 5(matrix 25 yards) (4-24 digits)Turn barcode on/off setting.....	- 38 -
2.22.19 Matrix 2 of 5 Length limit setting.....	- 38 -
2.22.20 Code 93 Turn barcode on/off setting.....	- 38 -
2.22.21 Code 93 Length limit setting.....	- 39 -
2.22.22 Code 11 Turn barcode on/off setting.....	- 39 -
2.22.23 Code 11 Check bit output Turn barcode on/off setting.....	- 40 -
2.22.24 Code 11 Check selection setting.....	- 40 -
2.22.25 Code 11 Length limit setting.....	- 41 -
2.22.26 Code 128 Turn barcode on/off setting.....	- 41 -
2.22.27 GS1-128 Turn barcode on/off setting.....	- 41 -
2.22.28 128 code Length limit setting.....	- 42 -
2.22.29 UPC-A Turn barcode on/off setting.....	- 42 -
2.22.30 UPC-A Check bit setting.....	- 43 -
2.22.31 UPC-A turn EAN-13.....	- 43 -
2.22.32 UPC-E Turn barcode on/off setting.....	- 43 -
2.22.33 UPC-E Check bit.....	- 44 -
2.22.34 UPC-E extend UPC-A.....	- 44 -
2.22.35 EAN/JAN-8 Turn barcode on/off setting.....	- 44 -
2.22.36 EAN/JAN-13 Turn barcode on/off setting.....	- 45 -
2.22.37 UPC/EAN/JAN Additional code setting.....	- 45 -
2.22.38 EAN13 turn ISBN.....	- 46 -
2.22.39 EAN13 turn ISSN.....	- 46 -
2.22.40 GS1 DataBar (RSS14)	- 47 -
2.22.41 GS1 DataBar Limited.....	- 47 -
2.22.42 GS1 DataBar Expanded.....	- 47 -
2.22.43 PDF417.....	- 48 -
2.22.44 QR Code.....	- 48 -
2.22.45 Micro QR.....	- 49 -

2.22.46 Data Matrix.....	- 49 -
2.22.47 Aztec Code.....	- 49 -
Appendix 1 Data and edit barcode.....	- 50 -
Appendix 2 prefix / suffix control character table.....	- 54 -
Appendix 3 prefix / suffix visible character table.....	- 55 -
Appendix 4 barcode type ID table.....	- 59 -
Appendix 5 AIM ID table.....	- 60 -
Appendix 6 Control character set (USB keyboard mode) (not enabled).....	- 61 -
Some feature configuration instructions and examples.....	- 63 -

1.Product Introduction

This user guide applies to HS-26 wireless with base which apply the complete set of patent technology developed by Guangzhou YOKO Electron Co., Ltd. The scanners above are of strong identification capability and support automatic continuous scanning mode with fast and flexible scanning speed.

In this chapter, we will introduce the instruction of scanner with pictures, please compare to the scanner you bought when reading this user guide, which is good for your understanding. This chapter applies to regular users, maintenance personnel, and software developers.

1.1 Main feature

- * Support computer, mobile screen scanning
- * Easy to operate and easy to master
- * Rich decoding types
- * Support invoice function
- * Wired and wireless dual mode free switching
- * Large-capacity storage, safe and reliable
- *Exclusive power management system, long standby time

1.2 Unpack your device

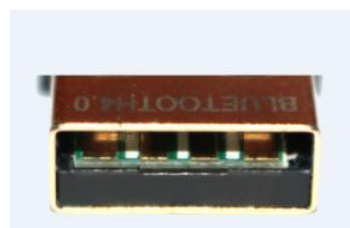
Unpack and remove the product and its accessories. Check that all items are complete against the packing list and determine if there are any damaged parts. If there are any damaged or missing parts, please keep the original packaging and contact your supplier for after-sales service

1.3 Communication port

The product must be connected with a host before it can be operated and used. The host can be a PC, a POS machine or a smart terminal with a USB interface.

USB

USB interface on the host



1.4 LED indicator light

Indicator status	explain
red light on	Charging
red light off	No charging
green light on	No decoding
green light off	Decode successfully
one blue light on	Pairing successful or connect to USB
two blue light twinkle alternately	Bluetooth HID pair mode

1.5 Start-up, shutdown, standby and restart

Start-up: Connect host computer with scanner, which will automatically start-up and in working state.

Shutdown: Remove the data cable which is connected with scanner; remove the USB which is connected with host computer;

Restart: If the product crash or no response when pressing button, please restart it.

1.6 Maintenance

- * The window must be kept clean, the supplier do not bear the guarantee responsibility due to the improper maintenance.
- * Avoid the window being wear and tear or scratched by hard object
- * Use the hairbrush to remove the stain on the window
- * Clean the window with a soft cloth, such as lens cleaning cloth
- * Spraying liquid onto the window is prohibited.
- * Prohibit any cleaning solvents, except for the cleaning water.

1.7 Reading skills

If the barcode is small, it should be closer to the scanning window; if the barcode is large, it should be far away from the scanning window a little more, thus easier to be read correctly.

If the barcode is highly reflective (for example, the coated surface), you may need to tilt the barcode at an angle to successfully scan it.

Barcode scanning example:



2. System Setting

This product is mainly used to set options and functions by reading a series of special barcodes, in this chapter, we'll detail the options and features available to users and provide the corresponding setup code. This method of setting up scanning is relatively straightforward and easy to understand, and is convenient for the user to operate.

2.1 Mark setting



This is the mark for setting up the barcode function of the mode. The mark consists of two parts:

1. Barcode section of setting code
2. Set the name of the option or function, such as the set function.

2.2 Basic barcode setting

2.2.1 Pair receiver

A: Press the button briefly to start the scanner, and the green indicator light will be on if the scanner is started successfully

B: Scan the barcode below "enter pairing mode". After successfully entering pairing mode, the Bluetooth indicator will flash



Enter Pairing Mode

C:Connect the receiver to the computer or other devices, and the buzzer "beeps" once the pairing is successful, and the blue indicator light will be always on

2.2.2 Real-time mode

In real-time mode, the scanned data is transmitted directly to the computer via wired or wireless. After the transmission is successful, the scanner will emit a low-frequency short tone and the green indicator will flash once.

If the transmission fails, three low-frequency short tones are issued to warn, and the green light flashes three times.



Enter Real-Time Mode (Default)

2.2.3 Warehousing mode

If the scanner works beyond the wireless transmission range, the storage mode is recommended. In warehousing mode, the scanned data is stored in the scanner's internal storage.

In the storage mode, after scanning a bar code, the scanner will emit a short tone (the frequency is low first and then high). At the same time, the green light flashes once and the scanned bar code is automatically stored in the scanner.



Enter Warehousing Mode

View the number of barcodes stored in the warehouse by scanning the “Display total warehouse entries” barcode.



Display Total Warehouse Entries

Upload warehousing data by scanning the “Data Upload” barcode, barcodes stored in the scanner after data upload are not automatically deleted. The user uploads the warehousing data multiple times by scanning the "data upload".



Data Upload

Note: Please try to ensure that the wireless signal connection is good when uploading data, or upload with the data cable connected.

Clear barcode data in the warehouse by scanning the “Clear Warehousing Data” barcode. After the barcode is cleared, it will not be uploaded again. Please confirm whether the data has been uploaded before clearing.



Clear Warehousing Data

2.2.4 Initialization setting

If you accidentally scan other function setting codes during use, resulting in the scanning function not working properly, you can restore the initialization status by scanning the initialization bar code.



Restore Factory Settings

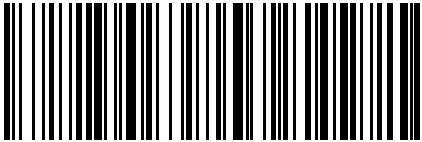
2.2.5 Read version information



Read Version Information

2.2.6 Time out setting

Select time out setting barcode



Time Out After 30S (Default)



Time Out After 1min



Time Out After 5min



Time Out After 10min



Time Out After 30min



No Time Out



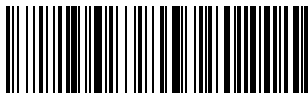
Time Out Immediately



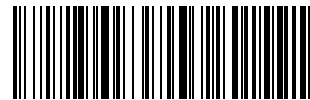
Display Battery

2.3 Volume setting

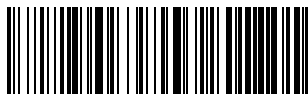
2.3.1 Volume setting



Low Volume



Mute



High Volume (Default)

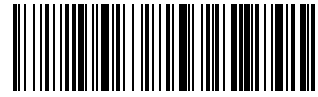


Middle Volume

2.3.2 Buzzer frequency setting



2K



2.7K (Default)

2.4 Language setting

Select the language keyboard you need



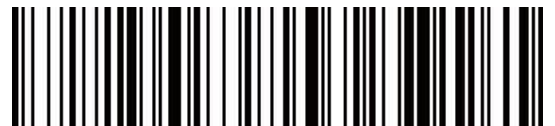
English (Default)



German



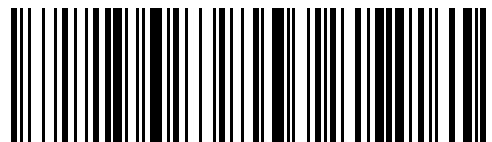
French



Spanish



Italian



Japanese



International General Keyboard



French(Belgian)

2.5 Transmission speed setting

Select the required transmission speed (speed selection is related to reading barcode);



Fast Transmission



Medium Speed Transmission (Recommended For Use In IOS System Bluetooth Mode)



Low Speed Transmission (Recommended For Bluetooth Mode In Android)



Ultra Low Speed Transmission (Recommended Test Mode Used)

2.6 Suffix setting

Select the end you want to add;



<Data> <CR>



<Data> <LF>



<Data> <CR> <LF>(Default)



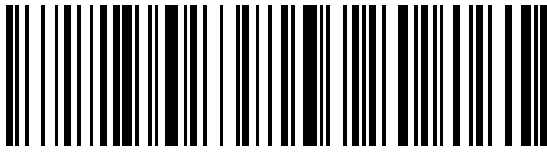
<Data> <\t>



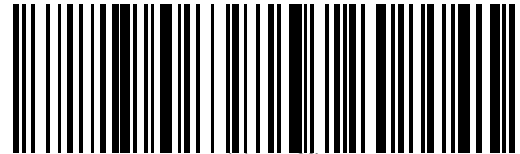
Not S uffix

2.7 Add user-defined prefix/suffix

Method of adding prefix and suffix:First scan to add prefix or suffix, then scan the corresponding barcode (see appendix), up to 32 bytes.



Add Prefix



Add Suffix

2.8 Hide user-defined prefix/suffix

Method of hiding prefixes and suffixes: First scan the hidden prefix or suffix, then scan the hidden bits, hiding up to 16 bytes.



Hidden Barcode Prefix



Hidden Barcode Suffix



Hide 1 bit



Hide 2 bits



Hide 3 bits



Hide 4 bits



Hide 5 bits



Hide 6 bits



Hide 7 bits



Hide 8 bits



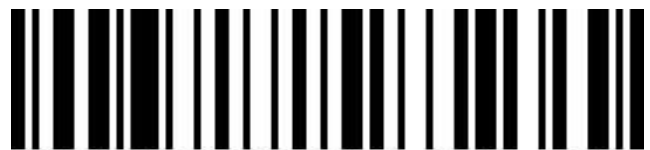
Hide 9 bits



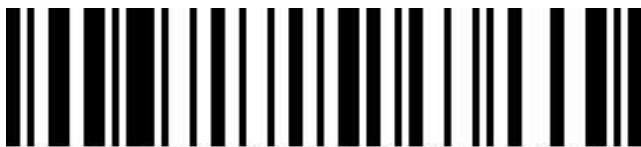
Hide 10 bits



Hide 11 bits



Hide 12 bits



Hide 13 bits



Hide 14 bits



Hide 15 bits



Hide 16 bits

2.9 Control character escape



Enable Control Character Escape



Disable Control Character Escape (Default)

2.10 GS Character barcode setting



Enable GS Symbol To Convert to |



Disable GS Symbol To | (Default)

2.11 USB Keyboard case output control



Force Conversion To Uppercase



Force Conversion To Lowercase



Case Interchange



No Case Conversion (Default)

2.12 Product user configuration

Scan the barcode below to save the current parameters of the product as a user configuration.



Save User Configuration

Scan the barcode below to restore the product to a saved user configuration



Restore User Configuration

2.13 Unicode Output Mode

In order to output correctly according to the specified encoding format, you need to specify the output encoding format, such as Simplified Chinese in Notepad / excel output configuration into GBK encoding.

When the output encoding format is configured as English/Latin-1 encoding, The output mode under the USB keyboard is affected by the virtual keyboard function switch.

When the output encoding format is configured as GBK encoding / UNICODE encoding, The output mode under the USB keyboard is forced to be the virtual keyboard output.



English/Latin-1 Encoding (Default)



GBK Coding (Notepad/Excel)

2.14 Scan mode

This product has a self-inductive scan code mode. Scan the barcode below to configure the switch.

When the self-sensing mode is configured to be off, pulled the trigger of the scanner to decode. This mode is the default configuration.



Auto Sense Mode Off (Default)

When the self-sensing mode is configured to be on, the scanner can automatically sense the barcode in front of the lens for decoding.◦



Auto Sense Mode Turn On

2.15 Repeated code detection

In induction mode, it is used to configure the interval time for solving the same barcode.If the setup time is not exceeded, the same barcode will only be solved once.



Repeat Code Detection Interval 500s



Repeat Code Detection Interval 750s(Default)



Repeat Code Detection Interval 1s



Repeat Code Detection Interval 2s

2.16 Screen reading mode

When this mode is turned on, your scanner will be optimized to read the bar code displayed on the display such as your phone or computer. However, turning this mode on may result in a slight decrease in the speed at which the printed bar code is read.



Screen Reading Mode Off (Default)



Screen Reading Mode Turn On

2.17 Center mode

When the center mode is on, the scanner will only recognize the bar code located in the center of the screen to which the scanner lens is facing. By default, this configuration is in a closed state.



Central Mode Off (Default)



Central Mode Turn On

2.19 Code ID output option setting



Turn Off CODE ID (Default)



Open Barcode Front CODE ID



Open Barcode Latter CODE ID

Edit:



Custom CODE ID

(Please follow the barcode type ID table and data and edit barcode in the appendix after scanning)



Clear All Custom CODE ID

2.20 AIM ID Barcode setting



Turn Off Barcode AIM ID (Default)



Open Barcode Front AIM ID



Open Barcode Latter AIM ID

2.21 Inverse code option(for 1D barcode / DataMatrix/Aztec)



Only Decode Normal Code (Default)



Only Decode Inverse Code

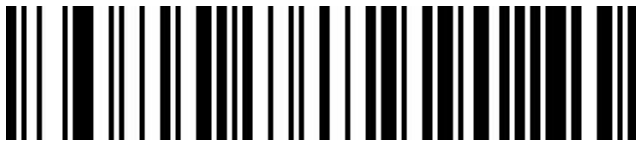


Decode Both Normal Code And Inverse Code

2.22 Symbologies

2.22.1 Enable/disable all symbologies

Opening all bar code types may result in slower decoding speed. It is recommended to open the required bar code type according to the usage scenario. The default is to turn on all bar codes



Enable All Symbologies(Default)



Disable All Symbologies

2.22.2 Enable/disable all 1D symbologies



Enable All 1D Symbologies

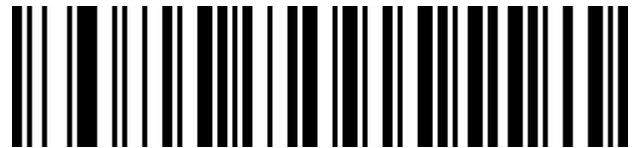


Disable All 1D Symbologies

2.22.3 Enable/disable all 2D symbologies



Enable All 2D Symbologies



Disable All 2D Symbologies

2.22.4 Codabar On/off setting



Codabar Turn On



Codabar Turn Off

2.22.5 Codabar Start/ending character setting



Do Not Send Codabar Start/end Characters (Default)



Send Codabar Start/End Characters

2.22.6 Codabar Length limit setting



Codabar Minimum Length Limit (0~50 bits)



Codabar Maximum Length Limit (0~50 bits)

2.22.7 Code 39 Turn barcode on/off setting



Code 39 Turn On

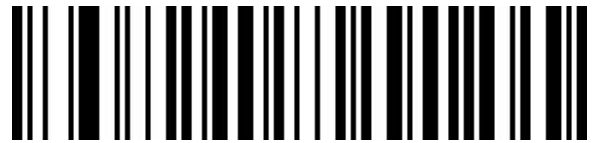


Code 39 Turn Off

2.22.8 Code 39 Check bit setting



Code 39 Check Off (Default)



Code 39 Check Open Does Not Send Check Bit



Code 39 Check Open Send Check Bit

2.22.9 Code 39 Full ASCII On/off setting



Full ASCII Turn On



Full ASCII Turn Off(Default)

2.22.10 Code 39 Length limit setting

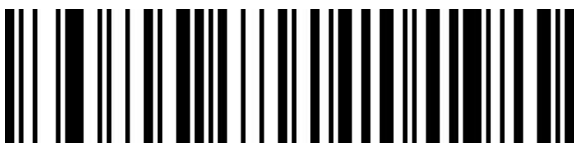


Code 39 Minimum Length Limit (0~50 bits)



Code 39 Maximum Length Limit (0~50 bits)

2.22.11 Code 32 (need code39to open) Turn barcode on/off setting



Code 32 Turn On



Code 32 Turn Off

2.22.12 Interleaved 2 of 5(ITF25)Turn barcode on/off setting



ITF25 Turn On

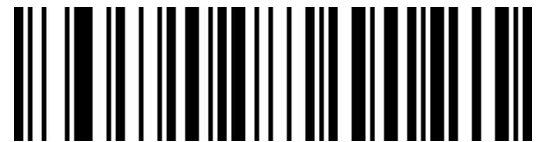


ITF25 Turn Off

2.22.13 Interleaved 2 of 5(ITF25)Check bit setting



ITF25 Check Off (Default)



ITF25 Check Open Does Not Send Check Bit



ITF25 Check Open Send Check Bit

2.22.14 Interleaved 2 of 5(ITF25)Length selection setting



ITF25 Any Length (4-24 bits) (Default)



ITF25 6-bit Length



ITF25 8-bit Length



ITF25 10-bit Length



12-bit Length



ITF25 14-bit Length



ITF25 16-bit Length



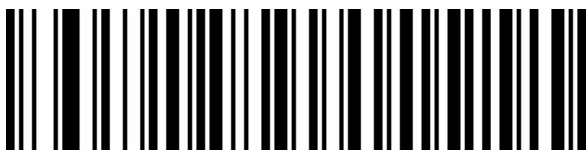
ITF25 18-bit Length



ITF25 20-bit Length



ITF25 22-bit Length



ITF25 24-bit Length

2.22.15 Interleaved 2 of 5 Length limit setting



Interleaved 2 of 5 Minimum Length Limit (0~50 bits)



Interleaved 2 of 5 Maximum Length Limit (0~50 bits)

2.22.16 Industrial 2 of 59(Industry 25 code)Turn barcode on/off setting

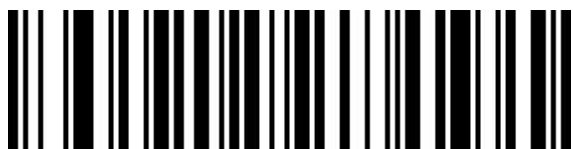


Industrial 2 of 5 Turn On



Industrial 2 of 5 Turn Off

2.22.17 Industrial 2 of 5 Length limit setting



Industrial 2 of 5 Minimum Length Limit (0~50 bits)



Industrial 2 of 5 Maximum Length Limit (0~50 bits)

2.22.18 Matrix 2 of 5(matrix 25 yards) (4-24 digits)Turn barcode on/off setting



Matrix 2 of 5 Turn On



Matrix 2 of 5 Turn Off

2.22.19 Matrix 2 of 5 Length limit setting



Matrix 2 of 5 Minimum Length Limit (0~50 bits)



Matrix 2 of 5 Maximum Length Limit (0~50 bits)

2.22.20 Code 93 Turn barcode on/off setting



Code 93 Turn On



Code 93 Turn Off

2.22.21 Code 93 Length limit setting



Code 93 Minimum Length Limit (0~50 bits)



Code 93 Maximum Length Limit (0~50 bits)

2.22.22 Code 11 Turn barcode on/off setting



Code 11 Turn On



Code 11 Turn Off(Default)

2.22.23 Code 11 Check bit output Turn barcode on/off setting



Code 11 Check Digit Output Turn On



Code 11 Check Digit Output Turn Off (Default)

2.22.24 Code 11 Check selection setting



Code 11 Check Off (Default)



Code 11 1 bit Check



Code 11 2bit Check

2.22.25 Code 11 Length limit setting



Code 11 Minimum Length Limit (0-50 bits)



Maximum Length Limit (0-50 bits)

2.22.26 Code 128 Turn barcode on/off setting



Code 128 Turn On



Code 128 Turn Off

2.22.27 GS1-128 Turn barcode on/off setting



GS1-128 Turn On



GS1-128 Turn Off

2.22.28 128 code Length limit setting



128 Code Minimum Length Limit (0-50 bits)



128 code Maximum Length Limit (0-50 bits)

2.22.29 UPC-A Turn barcode on/off setting



UPC-A Turn On



UPC-A Turn Off

2.22.30 UPC-A Check bit setting

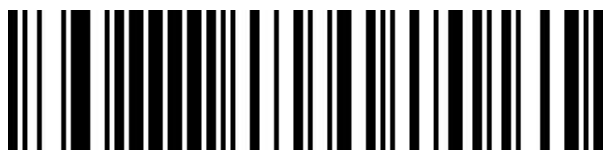


Send UPC-A Check Bits (Default)



Do Not Send UPC-A Check Bits

2.22.31 UPC-A turn EAN-13



UPC-A Turn EAN-13 Turn On



UPC-A Turn EAN-13 Turn Off

2.22.32 UPC-E Turn barcode on/off setting



UPC-E Turn On



UPC-E Turn Off

2.22.33 UPC-E Check bit



Send UPC-E Check Bits (Default)



Do Not Send UPC-E Check Bits

2.22.34 UPC-E extend UPC-A



UPC-E Extend UPC-A Turn On



UPC-E Extend UPC-A Turn Off (Default)

2.22.35 EAN/JAN-8 Turn barcode on/off setting



EAN/JAN-8 Turn On



EAN/JAN-8 Turn Off

2.22.36 EAN/JAN-13 Turn barcode on/off setting

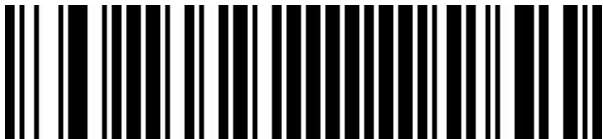


EAN/JAN-13 Turn On



EAN/JAN-13 Turn Off

2.22.37 UPC/EAN/JAN Additional code setting



Ignore UPC/EAN/JAN Add-On Code (Default)



Decode UPC/EAN/JAN Add-On Code



Adaptive UPC/EAN/JAN add-on code

2.22.38 EAN13 turn ISBN



Turn On EAN13 To ISBN Code



Turn Off EAN13 To ISBN Code (Default)

2.22.39 EAN13 turn ISSN



Turn On EAN13 To ISSN Code



Turn Off EAN13 To ISSN Code(Default)

2.22.40 GS1 DataBar (RSS14)



GS1 DataBar Turn On



GS1 DataBar Turn Off

2.22.41 GS1 DataBar Limited



GS1 DataBar Limited Turn On



GS1 DataBar Limited Turn Off

2.22.42 GS1 DataBar Expanded



GS1 DataBar Expanded Turn On



GS1 DataBar Expanded Turn Off

2.22.43 PDF417

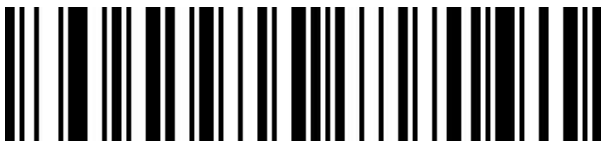


PDF417 Turn On

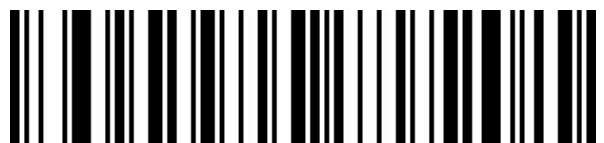


PDF417 Turn Off

2.22.44 QR Code



QR Turn On



QR Turn Off

2.22.45 Micro QR



Micro QR Turn On



Micro QR Turn off

2.22.46 Data Matrix



Data Matrix Turn On



Data Matrix Turn Off

2.22.47 Aztec Code



Aztec Turn On



Aztec turn off

Appendix 1 Data and edit barcode



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Cancel Current Setting



Cancel A String Of Data Read Before


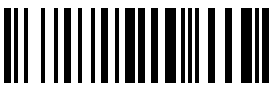
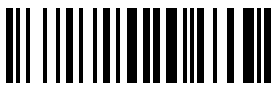



























Cancel The Previous Read Data

























Save

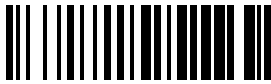
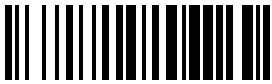


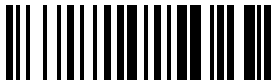




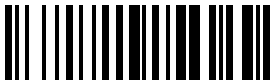
















Appendix 2 prefix / suffix control character table

No.	Disable control	Enable control	Setting barcode	No.	Disable control	Enable control	Setting barcode
1	Insert	Ctrl+A		17	↑	Ctrl+Q	
2	Home	Ctrl+B		18	↓	Ctrl+R	
3	End	Ctrl+C		19	←	Ctrl+S	
4	Delete	Ctrl+D		20	→	Ctrl+T	
5	PageUp	Ctrl+E		21	F12	Ctrl+U	
6	PageDown	Ctrl+F		22	F1	Ctrl+V	
7	ESC	Ctrl+G		23	F2	Ctrl+W	
8	Backspace	Ctrl+H		24	F3	Ctrl+X	
9	Tab	Ctrl+I		25	F4	Ctrl+Y	
10	Enter	Enter		26	F5	Ctrl+Z	
11	Caps Lock	Ctrl+K		27	F6	Ctrl+[
12	Print Screen	Ctrl+L		28	FS	Ctrl+\	
13	Enter	Ctrl+M		29	GS	Ctrl+]	
14	F7	Ctrl+N		30	F9	Ctrl+^	
15	F8	Ctrl+O		31	F10	Ctrl+_	
16	F11	Ctrl+P					

Appendix 3 prefix / suffix visible character table

NO.	visible character	Setting barcode	NO.	visible character	Setting barcode
32	space		44	,	
33	!		45	-	
34	"		46	.	
35	#		47	/	
36	\$		48	0	
37	%		49	1	
38	&		50	2	
39	'		51	3	
40	(		52	4	
41	)		53	5	
42	*		54	6	

43	+		55	7	
56	8		70	F	
57	9		71	G	
58	:		72	H	
59	;		73	I	
60	<		74	J	
61	=		75	K	
62	>		76	L	
63	?		77	M	
64	@		78	N	
65	A		79	O	
66	B		80	P	
67	C		81	Q	

68	D		82	R	
69	E		83	S	
84	T		98	b	
85	U		99	c	
86	V		100	d	
87	W		101	e	
88	X		102	f	
89	Y		103	g	
90	Z		104	h	
91	[		105	i	
92	\		106	j	
93	]		107	k	
94	^		108	l	

95	–		109	m	
96	`		110	n	
97	a		111	o	
112	p		120	x	
113	q		121	y	
114	r		122	z	
115	s		123	{	
116	t		124	|	
117	u		125	}	
118	v		126	~	
119	w		127	DEL	

Appendix 4 barcode type ID table

Code type	HEX	CODE ID(default)
All code type	99	
Codabar	61	a
Code128	6A	j
Code32	3C	<
Code93	69	i
Code39	62	b
Code11	48	H
EAN-13	64	d
EAN-8	64	d
GS1 DataBar	79	y
GS1-128 (EAN-128)	6A	j
2 of 5		
Interleaved 2 of 5	65	e
Matrix 2 of 5	76	v
Industry 2 of 5	44	D
UPC-A	63	c
UPC-E	63	c
ISBN	42	B
ISSN	6E	n
Aztec Code	7A	z
DataMatrix	75	u
PDF417	72	r
Micro PDF417	53	S
QR Code	51	Q
Micro QR Code	51	Q

Appendix 5 AIM ID table

Code type	AIM ID	Explain
Codabar	]Fm	m : 0~1
Code128	]C0	m : 0 , 1 , 2 , 4
Code32	]A0	
Code93	]G0	
Code39	]Am	m : 0 , 1 , 3 , 4 , 5 , 7
Code11	]Hm	m : 0 , 1 , 3 , 8 , 9
EAN-13 / EAN-8	]Em	m : 0 , 1 , 3 , 4
GS1 DataBar	]e0	
GS1-128 (EAN-128)	]C1	
Interleaved 2 of 5	]Im	m : 0 , 1 , 3
Matrix 2 of 5	]X0	
Industry 2 of 5	]S0	
UPC-A/ UPC-E	]Em	m : 0 , 3
ISBN	]X0	
ISSN	]X0	
Aztec Code	]z0	
DataMatrix	]dm	m: 0~6
PDF417 / Micro PDF417	]Lm	m: 0~5
QR Code / Micro QR Code	]Qm	m: 0~6

Appendix 6 Control character set (USB keyboard mode) (not enabled)

Decimal	Hex	Corresponding key value (control character escaping off)	Corresponding key value (control character escaping on)
1	01	Insert	Ctrl+A
2	02	Home	Ctrl+B
3	03	End	Ctrl+C
4	04	Delete	Ctrl+D
5	05	PageUp	Ctrl+E
6	06	PageDown	Ctrl+F
7	07	ESC	Ctrl+G
8	08	Backspace	Ctrl+H
9	09	Tab	Ctrl+I
10	0A	Enter (performance is affected by carriage return line feed processing configuration)	Enter
11	0B	Caps Lock	Ctrl+K
12	0C	Print Screen	Ctrl+L
13	0D	Enter (performance is affected by carriage return line feed processing configuration)	Ctrl+M
14	0E	F7	Ctrl+N
15	0F	F8	Ctrl+O
16	10	F11	Ctrl+P
17	11	Direction key ↑	Ctrl+Q
18	12	Direction key ↓	Ctrl+R
19	13	Direction key ←	Ctrl+S
20	14	Direction key →	Ctrl+T

21	15	F12	Ctrl+U
22	16	F1	Ctrl+V
23	17	F2	Ctrl+W
24	18	F3	Ctrl+X
25	19	F4	Ctrl+Y
26	1A	F5	Ctrl+Z
27	1B	F6	Ctrl+[
28	1C	<FS>	Ctrl+\
29	1D	<GS>	Ctrl+]
30	1E	F9	Ctrl+^
31	1F	F10	Ctrl+_

Some feature configuration instructions and examples

Barcode length limit configuration example

When configuring the barcode minimum length limit, you must ensure that the configured minimum length is not greater than the current maximum length configuration, otherwise, errors will be prompted. Similarly, when configuring the barcode maximum length limit, you must also ensure that the maximum length of the configuration is not less than the current minimum length configuration.

Example 2.1: Configuring Code 128 barcode length is 4-12 bits

Scan configuration code Code 128 **minimum length limit**, then scan the appendix data and edit the 4 in the barcode, **save** ;

Scan configuration code Code 128 **maximum length limit**, then scan the appendix data and edit the 1,2 in the bar code, **save** ; That is, the configuration is completed.

Example 2.2: Configure Interleaved 2 of 5 barcode length to 14 bits

Configure Interleaved 2 of 5 barcode length 14 bits to directly scan the quick configuration barcode ITF25 14-bit length configuration, or configure it with the maximum and minimum length of barcodes:

Scan configuration code **Interleaved 2 of 5 minimum length limit**, then scan the appendix data and edit the 1,4 in the barcode, **save** ;

Scan configuration code **Interleaved 2 of 5 maximum length limit**, then scan the appendix data and edit the 1,4 in the barcode, **save**; That is, the configuration is completed.

Example 2.3: Configuring Code 39 barcode length to any length supported

Scan configuration code **Code 39 minimum length limit**, then scan the appendix data and edit the 0 in the barcode, **save** ;

Scan configuration code **Code 39 maximum length limit**, then scan the appendix data and edit the 0 in the barcode, **save**; That is, the configuration is completed.