QuickScan WL5 Wireless Cmos Imaging Barcode Reader User Guide

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Contents

Important – Warnings and Safety Instructions

1. Do not place the Barcode Scanners near the heat sources such as fire, radiators, stoves, light candles and other apparatus that produces heat.
2. Use only those accessories supplied by **FINGERS.**
3. It is recommended to refer all servicing to qualified personnel. Servicing is required when the Barcode Scanner has been damaged in any way. Any evidence of any attempt to open and/or alter the device, including any scratch, peeling, puncturing, or removal of any of the labels, will void the Limited Warranty.

In the box

- 1 N x 2D Quick Scan WL5 Barcode Reader
- 1 N x USB Receiver
- 2 N x USB Type-C Cable
- 1 N x Quick Start Guide
- 1 N x Brand Note

Care and Maintenance

1. Unplug the Bar code Scanner before cleaning it.
2. Use soft, damp cloth (water only) to clean the surface.
3. Do not use any chemicals, solvents, or cleaning solutions containing alcohol, ammonia or abrasives.
4. Do not allow any liquid to enter into any of the openings.

Connecting the Reader

Reading Techniques

1. The viewfinder projects an aiming beam that should be centered over the bar code. However, it can be tilted at any angle and in any direction for an effective read.
2. Hand hold the scanner over the barcode, pull the trigger and position the aiming beam on the bar code.
3. The aiming beam is smaller when scanner is placed closer to the bar code and larger when it is farther from the code.
4. Hold the scanner close to the smaller bar codes, and farther away from bigger bar codes to get a good read.
5. If the bar code is highly reflective (ex. Laminated sheets, glossy), you might be required to position the scanner at an angle in such a way the bar code can be read and scanned clearly.

Note:

1. If the scanner beeps once, the link has been established.
2. The scanner will turn off in 20 seconds with a long, when in idle mode.
3. To use it again, press the button and two beeps will be heard.

All the parameter settings of the scanner can be finished by scanning the bar codes and saving them in the storage. Even while being switched off. these setting do work.

Standard Product Defaults

The following bar code resets all standard product default settings.

- **Factory Default**
- **Keyboard ON of OFF in IOS device**

Note: Scan the above QR code to enable or disable Keyboard in the IOS device.

Pairing Instruction

★Quick Pairing Instruction (USB dongle/Mobile Bluetooth Devices) Press the bar code scanner trigger for 8 seconds, then the Blue Led change to Red and flashing, then release the trigger, search Bluetooth device in the mobile phone, tablets to find the bar code scanner, then connect, or plug the USB dongle to host device to pair.

A. Bar code Scanner Pairing with Receiver

Steps 1. Scan below pairing Code I, Code II in sequence, and the scanner **LED** indicator become red and flashing.

Steps 2. Connect the **USB** receiver to the PC or Laptop, wait till the **LED** indicator of both the barcode scanner and **USB** receiver **LED** turns blue after successful pairing.

B. Bar code scanner pairing with Bluetooth device
Step 1. Scan Below Pairing Code I, Code II in sequence and the scanner LED indicator became red and flashing.

Step 2. Open the Bluetooth in the Bluetooth device and search for the barcode scanner which named “2DQuickS-canWL5” and click connect, wait a second, the barcode scanner LED indicator becomes red after successful pairing.

C. Wired Mode

Wired transmission

Note: This bar code scanner can use as wired through an extra data cable. Just need to scan the above code.

Standard Product Defaults

1. **Normal Mode:** The data will be uploaded to the host device immediately after scan, if out of range it will not save the data, and there will be 2 alarm beeps out of range.
2. **Inventory Mode:** The data will be saved in the memory chip, and upload data to host device as instructed. Eg: Scan the “Upload all data and clear”, the scanner will upload all data saved in the memory chip and cleared the original data.

Data upload instruction in Inventory Mode

- Upload all data
- Data delete
- Upload new data
- Display all data
- Display new data

Automatic Storage Mode: The data will be uploaded to host device immediately after scan if the scanner in range, the data will be saved in the memory chip if the scanner out of range which heard 2 alarm beeps, press the scanner tigger to upload the saved data in the memory chip will be cleared.

- Automatic Storage (default)

Suffix Setting

- CR (default)
- CR & LF
- TAB
- None

Keyboard Caps Lock Control

- None
- Capitalize
- Lower Case
- Case Swap

Sleep time setting

- 1 Min
- 5 Min
- 10 Min
- Nione

Buzzer

- ON
- OFF
- Low
- High

Transmit Speed

- No Delay
- Delay 20ms
- Delay 40ms

Image Reverse

- Disable
- Enable

Keyboard language

- USA (default)
- French
- Belgian

- Brazillian
- Canadian
- Japanses
- German
- Italian
- Turkey-F
- Turkey-Q
- Portuguese
- Spanish

Bar code calibration bit setting

- Enable
- Disable

Upc-a converts EAN13 Settings

- Enable
- Disable

Suffix Setting

- Add Suffix
- Suffix

Example: Add Suffix “A”

Step 1: Scan the above bar code to enter into “Add Suffix”
Step 2: Scan the next bar code to add Suffix “Suffix”
Step 3: Scan the numeric code correspond to “A” the ASCII value of A in Hexadecimal is “4” & “1” (Refer to Appendix 1 & Appendix 2)
Step 4: Scan “save” code to save (refer to Appendix 1)

Scan Mode

- Manual(default)
- Continuous
- Auto-sensing

HEX	Chart	HEX	Chart
00	NUL (Null char.)	40	(AT Symbol)
01	SOH (Start of Header)	41	A
02	STX (Start of Text)	42	B
03	ETX (End of Text)	43	C

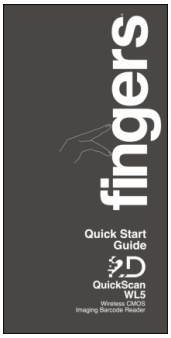
04	EOT (End of Transmisskin)	44	
05	ENO (Enquiry)	45	E
06	ACK (Acknowledgment)	48	F
07	BELL (Bell)	47	G
08	BS (Backspace)	48	H
09	HT (Horizontal Tab)	49	
Oa	LF (Line Feed)	4a	J
Ob	VT (Vertical Tab)	4b	K
Oc	FF (Form Feed)	4c	
Od	CR (Carriage Return)	4d	
De	SO (Shift Out)	4e	N
Of	SI (Shift In)	41	0
10	DLE (Data Link Espace)	50	P
11	DC1 (XON)(Device Control 1)	51	0
12	DC2 (Device Control 2)	52	R
13	DC3 (XOFF) (Device Control 3)	53	S
14	DC4 (Device Control 4)	54	T
15	NAK (Negative Acknowledgment)	55	U
16	SYN (Synchronous idle)	56	V
17	ETB (End of Trans. Block)	57	W
18	CAN (Cancel)	58	X
19	EM (End of Medium)	59	
10	SUB (Substitute)	5a	Z
lb	ESC (Escape)	5b	[(Left / Opening Bracket)
1c	FS (File Separator)	Sc	(Back Slash)
10	GS (Group Separator)	Scl	) (Right / Closing Bracket)
10	RS (Request to Send)	5e	A (CareUCircumflex)
11	US (Unit Separator)	51	_ (Underscore)
20	SP (Space)	60	‘ (Grave Accent)
21	I (Exclamation Mark)	81	a
22	• (Double Quote)	62	b
23	* (Number Sign)	63	c
24	S (Dollar Sign)	84	d

25	% (Percent)	65	e
26	& (Ampensand)	68	
27	(Single Quote)	87	g
28	((Left / Opening Parenthesis)	68	h
29	) (Right / Closing Parenthesis)	69	
2a	* (Asterisk)	6a	1
2b	+ (Plus)	6b	k
2c	(Comma)	6c	
2d	– (Minus/Dash)	sd	m
2e	. Dot	6e	n
2f	/ (Forward Slash)	6f	
30	0	70	p
31	1	71	
32	2	72	
33	3	73	
34	4	74	
35	5	75	
36	6	76	
37	7	77	
38	8	78	x
39	9	79	
3a	: (Colon)	7a	z
3b	; (Semi-Colon)	7b	{ (Left/Opening Brace)
3c	< (Less Than)	7c	I (Vertical Bar)
3d	= (Equal Sign)	7d	} (Right/Closing Brace)
3e	> (Greater Than)	7e	– (Tilde)
3f	? (Question Mark)	if	DEL (Delete)

Product Specifications

General	Type Interface In-built Memory Indicators Operation Mode Barcode Type Support1D: EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleave 2 of 5, ITF-6, ITF-4, ISBN, ISSN, MSI-Plessey, GS1 Databar, GS1 Composite Code, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5.2D: QR Code, Data Matrix, PDF417, Aztec, Maxicode, Micor QR, Micor PDF417, Hanxin Code.	Wireless (BT) I Wired USB Receiver 4 MB Beeper, LED Trigger
Connection	BT Version Frequency Effective Range	V4.0 2402 MHz~2480 MHz 30-50 meters (Open Space)
Optical	Light Source Scan Rate Resolution Print Contrast Ratio Depth of Field	617nm LED Aimer, White LED 200times/sec 1D ≥ 5 mil 2D ≥ 10 mil 20% EAN13 50-200 mm (13 mil); QR 25-240 mm (20 mil); PDF417 30-130 mm (6.67 mil)

Documents / Resources

	QuickScan WL5 Wireless Cmos Imaging Barcode Reader [pdf] User Guide WL5 Wireless Cmos Imaging Barcode Reader, WL5, Wireless Cmos Imaging Barcode Reader, Imaging Barcode Reader, Barcode Reader, Reader

References

- User Manual