fingers 2D QuickScan WL5 Wireless CMOS Barcode Reader User Guide

Contents

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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 produce 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 QuickScan WL5 Barcode Reader 1 N x USB Receiver
1 N x Stand
2 N x USB Type-C Cable
1 N x Quick Start Guide
1 N x Brand Note

Care and Maintenance

1. Unplug the Barcode 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 barcode. 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 barcode.
3. The aiming beam is smaller when the scanner is placed closer to the barcode and larger when it is farther from the code.
4. Hold the scanner close to the smaller barcodes, and farther away from bigger barcodes to get a good read.
5. If the barcode is highly reflective (ex. Laminated sheets, glossy), you might be required to position the scanner at an angle in such a way the barcode can be read and scanned clearly.

Note:

i. If the scanner beeps once, the link has been established.
ii. The scanner will tum off in 20 seconds with a long, when in idle mode.
iii. 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 barcodes and saving them in the storage. Even while being switched off, these settings do work.

Standard Product Defaults

The following barcode resets all standard product default settings.

Factory Default

Factory Default

Keyboard ON of OFF in 10S device

Note: Scan the above QR code to enable or disable the Keyboard in the 10S device.

Pairing Instruction

A. Barcode Scanner Pairing with Receiver Steps 1. Scan below pairing Code I, and Code II in sequence, and the scanner LED indicator becomes red and flashing.

I

II

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. Barcode 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.

I

II

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 barcode 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 b eeps out of range.
2. **Inventory Mode:** The data will be saved in the memory chip, and uploaded data to the host device as instructed.

Normal

Eg: Scan the “Upload all data and clear”, the scanner will upload all data saved in the memory chip and clear the original data.

Inventory

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)

Cursor 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

None

Transmit Speed

No Delay

Delay 20ms

Image Reverse

Disable

Enable

Keyboard language

USA (default)

French

Belgian

Brazillian

Canadian

Japanses

German

Italian

Turkey-Q

Turkey-F

Portuguese

Spanish

UPC-A Converts EAN13 Settings

Enable

Disable

Scan Mode

Manual(default)

Continuous

Auto-sensing

Suffix Setting

Add Suffix

Suffix

Example: Add Suffix “A”

Step 1 : Scan the above barcode to enter into “Add Suffix”

Step 2: Scan the next barcode to add Suffix “Suffix”
Step 3: Scan the numeric code corresponding to “A” The ASCII value of A in Hexadecimal is “4” & “1” (Refer to Appendix 1 & Appendix 2)
Step 4: Scan the “save” code to save (refer to Appendix 1)

Prefix Setting

Add prefix

Prefix

Note: The method of adding a Prefix is same as the Suffix setting as above

Buzzer

ON

OFF

Low

High

Appendix 1

0

1

2

3

4

5

6

7

8

9

A

B

C

D

E

F

Saved

Appendix2

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 Transmission)	44	D
05	ENQ (Enquiry)	45	E
06	ACK (Acknowledgment)	46	F
07	BELL (Bell)	47	G
08	BS (Backspace)	48	H
09	HT (Horizontal Tab)	49	I
0a	LF (Line Feed)	4a	J
0b	VT (Vertical Tab)	4b	K
0c	FF (Form Feed)	4c	L
0d	CR (Carriage Return)	4d	M
0e	SO (Shift Out)	4e	N
0f	SI (Shift In)	4f	O
10	DLE (Data Link Espace)	50	P
11	DC1 (XON)(Device Control 1)	51	Q
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	Y
1a	SUB (Substitute)	5a	Z
1b	ESC (Escape)	5b	[(Left / Opening Bracket)
1c	FS (File Separator)	5c	\ (Back Slash)
1d	GS (Group Separator)	5d	] (Right / Closing Bracket)
1e	RS (Request to Send)	5e	^ (Caret/Circumflex)
1f	US (Unit Separator)	5f	_ (Underscore)
20	SP (Space)	60	` (Grave Accent)
21	! (Exclamation Mark)	61	a
22	" (Double Quote)	62	b
23	# (Number Sign)	63	c
24	$ (Dollar Sign)	64	d
25	% (Percent)	65	e
26	& (Ampensand)	66	f
27	` (Single Quote)	67	g

HEX	Chart	HEX	Chart
28	((Left / Opening Parenthesis)	68	h
29	) (Right / Closing Parenthesis)	69	i
2a	* (Asterisk)	6a	j
2b	+ (Plus)	6b	k
2c	, (Comma)	6c	l
2d	- (Minus/Dash)	6d	m
2e	. Dot	6e	n
2f	/ (Forward Slash)	6f	o
30	0	70	p
31	1	71	q
32	2	72	r
33	3	73	s
34	4	74	t
35	5	75	u
36	6	76	v
37	7	77	w
38	8	78	x
39	9	79	y
3a	: (Colon)	7a	z
3b	; (Semi-Colon)	7b	{ (Left/Opening Brace)
3c	< (Less Than)	7c	l (Vertical Bar)
3d	= (Equal Sign)	7d	} (Right/Closing Brace)
3e	> (Greater Than)	7e	- (Tilde)
3f	? (Question Mark)	7f	DEL (Delete)

Product Specifications

General	Type	Wireless (BT) I Wired
	Interface	USB Receiver
	In-built Memory	4 MB
	Indicators	Beeper, LED
	Operation Mode	Trigger
	Barcode Type Support	
	1D: 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.	
Connection	BT Version	V4.0
	Frequency	2402 MHz ~ 2480 MHz
	Effective Range	30 - 50 meters (Open Space)
Optical	Light Source	617nm LED Aimer, White LED
	Scan Rate	200times/sec
	Resolution	1D ≥ 5 mil 2D ≥ 10 mil
	Print Contrast Ratio	20 %
	Depth of Field	EAN13 50-200 mm (13 mil); QR 25 – 240 mm (20 mil); PDF417 30 - 130 mm (6.67 mil)
Electrical	Input Voltage	DC 5 V±5%
	Working Current	280 mA
	Standby Current	0 mA
	Sleep Mode	26 mA
Battery	Battery Type	Lithium
	Battery Capacity	1400 mAh
	Charging Type	USB Type-C Cable
	Charging Time	About 5 hours
Physical	Housing Material	ABS+PC
	Charging Cable Type	USB Type-C (1.20 meters)
	Dimensions	15.4 (H) x 8.5 (W) x 6.2 (L) cm
	Weight	201 grams (without receiver)
	Color	Black + Grey
Environment & Safety Conformance	Operating Temperature	0°C – 40°C
	Storage Temperature	40°C – 70°C
	Operating Humidity	5% – 85% (non-condensing)
	Shock Resistance	1.5 m drops

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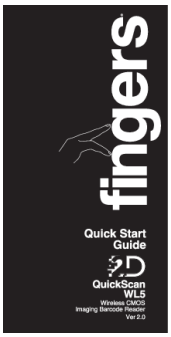
Images shown may vary from the actual product

- Specifications, features, and appearance are subject 10 changes wi1holl1 notice.
- All logos, brands, 1rademarks and product names are properties of their respective owners.
- Produc1 warranty is governed by warranty terms mentioned on www.flngers.co.ln
- This product falls under a-waste (Management & Handling) Rules, 2011. For proper disposal method, visit our website
  [www.flngers.co.ln]

Documents / Resources



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References

- **User Manual**