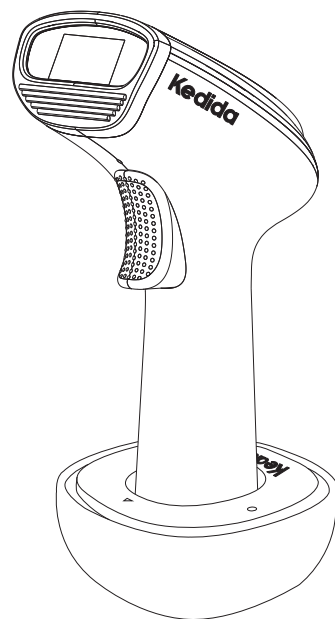


Kedida 3 in 1 Barcode Scanner

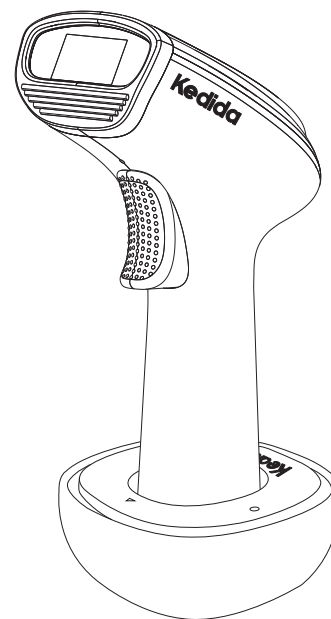
2D & 1D Supported



✉ service01@kedida-direct.com

Kedida 3 in 1 Barcode Scanner

2D & 1D Supported



User Manual

Model: KDA003

✉ service01@kedida-direct.com

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Notice

- ① Please read the user manual carefully before using the bar code scanner.
- ② Please use the standard power cord included, to ensure a stable power supply.
- ③ Please do not look into the SCANNER'S BEAM when the scanner is working, otherwise it may hurt your eyes.
- ④ Please do not disassemble the bar code scanner by yourself, otherwise, the warranty will be void.
- ⑤ Please keep the barcode scanner away from water or any other liquid as it is not waterproof.
- ⑥ Please don't put the barcode scanner in wet or moist conditions to prevent electric shock.
- ⑦ Please turn off and unplug from the power supply if not using the scanner for a long time.
- ⑧ The bar codes in the user manual are for programming , please do not scan them arbitrarily when no need , otherwise may affect the normal use of the product .
- ⑨ Please make sure the scanning mode is correct, otherwise, it may not read the barcode.
- ⑩ Please adjust the scanning distance and angle If you encounter a barcode that is not easy to scan.
- ⑪ Please connect the charging holder and insert the scanner properly to make sure charging normally.
- ⑫ Please contact our customer support if you encounter any problem with the barcode scanner.

Specification

Working current	5/3.3V±10%×40mA (idle:10mA)
Storage	100000 barcode
Light source	LED
Resolution	4 mil
Drop test	2m
Indication	LED,BEEP,Buzzer
Printing Contract	≥25%
Button life	8000,000 times
Charging supply	5V-500mA
Interface	USB C
Battery Life	3000mAh
Charging time	6 Hours
Standby time	2 Years
Working time	3 days
Trigger Mode	Button, Continuous, Auto-Induction
Anti-interference	No influence working under strong light and sunshine
Scanning angle	Angle of rotation±30°, inclination± 45°, declination ± 60°
Decode Capability	1D: Codabar, Code39, Code32, Interleaved 2 of 5 (ITF25) , Industrial 2 of 5, Matrix 2 of 5, Code93, Code11, Code128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, ISBN, ISSN, GS1 databar, GS1 databar limited, GS1 databar expanded, ISBT 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec
Certificate	CE, FCC, RoHS, Class I

Package List & Battery & Charging

Package List

Barcode scanner *1
TYPE-C Cable *1
Charging Holder*1
Instruction Manual *1

Battery & Charging

The scanner is powered by 3000mAh chargeable battery. Please ensure that the scanner has enough power before use.

When the power is less than 20%, please stop scanning and charge the scanner as soon as possible.

Charging

1. Insert one end of Type-C cable into the bottom of scanner, and insert another end to computer USB interface or 5V DC USB interface power, the LED will display the status of charging.
2. Insert one end of Type-C cable into the bottom of holder, and insert another end to computer USB interface or 5V DC USB interface power, and then insert the scanner to the holder properly, the LED will display the status of charging.

Charging indicator

Charging via the Type C cable: The red LED indicator light on the surface of the scanner will turn on all the time during charging, and it will go off when the scanner is fully charged. The white indicator light will turn on all the time the scanner is power on.

Battery & Charging & 3 Mode Start Guide

Charging via the holder: The red LED indicator light on the holder will turn on when connect successfully, and the LED indicator light on the surface of the scanner will turn on all the time during charging, it will go off when the scanner is fully charged. The white indicator light will turn on all the time the scanner is power on.

Note:

Please use computer USB interface or special 5V DC power adapter for charging, the abnormal power will cause permanent damage to scanner and battery.

3 Mode Start Guide

The scanner support 3 connections:

Wired mode, 2.4GHz wireless mode, bluetooth mode.

Wired mode quick start guide

Step 1.

Connect the scanner or the holder to your computer via Type-C cable.

Step 2.

Test the scanner using Microsoft EXCEL, click on any cell and scan a product barcode, the barcode will come up on cell.

3 Mode Start Guide

2.4GHz wireless mode quick start guide

To use scanner on computer

Step 1.

Please scan the below codes in order, the green light on the right of scanner will flicker.



2.4GHz wireless mode



Match

Step 2.

Plug the charging holder into the computer, and then you will hear beeps twice, and the green LED light indicator will always be on.

Step 3.

Test the scanner using Microsoft EXCEL, click on any cell and scan a product barcode, the barcode will come up on cell.

Note:

If no bar code transmitted to your computer, please unplug the charging holder and plug it again, and then reset the scanner.

Bluetooth mode quick start guide

Method 1

Step 1:

Turn on the barcode scanner and long press the scan button for 8 seconds to enter the Bluetooth HID mode, you will see the blue light flash on the barcode scanner.

3 Mode Start Guide

Step 2:

Open Bluetooth in the device and search for the Barcode scanner HID. Click the "Barcode scanner HID" to enter the match status. Match success "Di" sound, the right blue light is always on.

Step 3:

Test the scanner using Microsoft EXCEL, click on any cell and scan a product barcode, the barcode will come up on cell.

Method 2

For Bluetooth matching steps, support Android, IOS system phone or PC with Bluetooth enabled PC terminal.

Step 1:

Scan the "Bluetooth HID mode" barcode



Bluetooth HID Mode

Step 2:

Scan the "Match" barcode, enter the match state. The blue light will flash .



Match

3 Mode Start Guide

Step 3:

Open Bluetooth in the device and search for the Barcode scanner HID. Click the "Barcode scanner HID" to enter the match status. Match success "Di" sound, the right blue light is always on.

Step 4:

Test the scanner using Microsoft EXCEL, click on any cell and scan a product barcode, the barcode will come up on cell.

Note:

Once matched successfully, the keyboard will be hidden.

For iOS keyboard

Method 1:

By default, double click the trigger quickly, it will activate the keyboard. Double click the trigger again, the keyboard will be hidden.

Method 2:

Scan the following code, it will activate the keyboard. Scan the code again, the keyboard will be hidden.



Activate/Hide the Keyboard

Note:

The transmission speed between every character can be changed. If some character are missing or mixed up. Please try to slow down the transmission speed.

General Settings

** Select the desired transmission speed.



Fast



Medium



Low



Very Low

Note:

In Bluetooth mode, if you need to switch device, you have to disconnect the bluetooth connection first, and then re-establish the connection between the scanner and the other devices.

General Settings

Settings of the barcode scanner can be changed by scanning the setup barcodes included in this manual.

1. Upload Mode Setting

1.1 Instant Upload Mode

The scanning data directly through the cable or wireless to computer.

General Settings

** To set the scanner to upload barcode instantly, scan the following code:



Instant Upload Mode

Scanning indication:

The red led flashes once and the buzzer issue a low frequency short tone after the success of the scanning.

1.2 Storage Mode

If the barcode scanner works beyond the transmission range, it is recommended to use storage mode. In storage mode, the scanned data is stored in the internal memory of the scanner.

** To convert scanner from "instant upload mode" to "storage mode", scan the following barcode "Storage mode".



Storage Mode

** Put the cursor in the blank, and then scan code below to upload data.



Upload Data

General Settings

** Put the cursor in the blank and then scan the code below to check the barcode quantity in the internal memory of the scanner.



Show Total Storage

** Scan the barcode "Clear data" to clear all stored barcode. (for storage mode only).



Clear data

Scanning indication:

The red led flashes once and the buzzer emits a sound like a fast "DI-i" when the barcode is saved successfully in the built-in memory of the scanner.

2. Battery Remaining

To know how much electricity remains, put the cursor in the blank and then scan the following barcode.



Battery Reserve

General Settings

3. Power Off Settings

When it's idle exceeding the time interval you set, the scanner will be power off.

** Select the desired time interval



30s Automatic power off



2mins Automatic power off



5mins Automatic power off



30mins Automatic power off*



Never Sleep



Power Off Immediately

General Settings

4. Beep Setting

4.1 Decoding Beep

The scanner will beep once after decoding a barcode.

** Select the desired to turn on/off the decoding beep



Decoding beep-On*



Decoding beep-Off

Note:

After scanning the code "Decoding beep-Off", when you scan common barcode, the scanner will not beep. However when you scan the configuration QR Code in this manual, the scanner will still make a sound.

4.2 Beep Volume

** Select the desired beep volume.



Decoding beep-Loud*



Decoding beep-low

General Settings

4.3 Vibration On/Off

** Select the desired to turn on/off the vibration



Decoding vibration-On*



Decoding vibration-Off

5. End Character Setting

The end character is used to mark the end of a complete data message. The suffix of end character must be the last content of a data transmit, then there will be no additional data.

By default, the scanner is sending a 'carriage return' after scanning a code (the same as pressing the 'enter' key).

** Select the desired End Character



Add CR



Add Tab



None

General Settings



Add LF



Add CR+LF

6. Character Conversion

By setting the character conversion function of the barcode scanner, the upper case and lower case conversions of the English letters of the barcode output data can be performed.

For example, if the content of the barcode is aBC123, set the barcode to "all in lower case" and the data obtained by the host will be "abc123". The default is Normal output.

** Select desired character conversion



All in lowercase



All in upper case



Normal (No Change)



Case Inversion

General Settings

7. Keyboard Language Setting

Different national languages correspond to the keyboard keys arrangement, symbols, etc. are different, the barcode scanner can be virtual according to the actual needs of different countries keyboard.



English



French



Italian



Germany



Spanish



Japanese

8. Scanning Mode Setting

The user can set the reading mode of the barcode reader according to the needs. The default state is the "Manual Trigger Mode".

General Settings

8.1. Manual Trigger mode

In this Manual Trigger Mode , the barcode reader starts reading after pressing the trigger button, and the barcode reader stops reading after successfully reading or unlocking the trigger button.

** ** Scan the following code to set the scanner to manual Trigger mode.



manual Trigger mode

8.2. Self-sensing mode

When the self-sensing mode is configured to be turned off, it is decoded by pulling the trigger of the scanning gun. This mode is the default configuration.

** ** Scan the following code to set the scanner to self-sensing scanning mode.



self-sensing scanning mode

8.3. Continuous Mode

** ** Scan the following code to set the scanner to Continuous mode.

General Settings



Continuous mode

9. Bar Code Parameter Settings

Each type of barcode has its own unique properties. Through the setting code of this chapter, you can adjust the barcode reader to adapt to these property changes. The fewer types of barcodes that are enabled to enable reading, the faster the barcode reads. You can disable barcode scanners from reading barcode types that will not be used, to improve the performance of the barcode scanner.

UPC-A



Enable UPC-A*



Disable UPC-A

UPC-A Check Digit



Enable Check Digit*



Disable Check Digit

General Settings

UPC-A to EAN 13



Enable UPC-A to EAN 13



Disable UPC-A to EAN 13*

UPC-E0



Enable UPC-E0*



Disable UPC-E0

UPC-E0 Check Digit



Enable Check Digit*



Disable Check Digit

UPC-E1



Enable UPC-E1*



Disable UPC-E1

General Settings

UPC-E1 Check Digit



Enable Check Digit*



Disable Check Digit

EAN/JAN-8



Enable EAN/JAN-8*



Disable EAN/JAN -8

EAN/JAN -13



Enable EAN/JAN -13*



Disable EAN/JAN -13

EAN13 to ISSN



Enable EAN13 to ISSN



Disable EAN13 to ISSN*

General Settings

EAN13 to ISBN



Enable EAN13 to ISBN



Disable EAN13 to ISBN*

EAN-8 Additional code



EAN-8 2 Extra-code ON



EAN-8 2 Extra-code OFF*



EAN-8 5 Extra-code ON



EAN-8 5 Extra-code OFF*

EAN-13 Additional code



EAN-13 2 Extra-code ON



EAN-13 2 Extra-code OFF*



EAN-13 5 Extra-code ON



EAN-13 5 Extra-code OFF*

General Settings

UPC-E1 Additional code



UPC-E1 2 Extra-code ON



UPC-E1 2 Extra-code OFF*



UPC-E1 5 Extra-code ON



UPC-E1 5 Extra-code OFF*

UPC-A Additional code



UPC-A 2 Extra-code ON



UPC-A 2 Extra-code OFF*



UPC-A 5 Extra-code ON



UPC-A 5 Extra-code OFF*

Code 128



Enable Code 128*



Disable Code 128

General Settings

Code 39



Enable Code 39*



Disable Code 39

Code 39 Full ASCII



Enable Code 39 Full ASCII



Disable Code 39 Full ASCII *

Code 93



Enable Code 93*



Disable Code 93

Code 32



Enable Code 32



Disable Code 32*

General Settings

Code 11



Enable Code 11



Disable Code 11*

Interleaved 2 of 5



Enable Interleaved 2 of 5*



Disable Interleaved 2 of 5

Matrix 2 of 5



Enable Matrix 2 of 5



Disable Matrix 2 of 5*

Industrial 2 of 5



Enable Industrial 2 of 5



Disable Industrial 2 of 5*

General Settings

IATA 25



Enable IATA 25



Disable IATA 25*

MSI Plessey



Enable MSI Plessey



Disable MSI Plessey*

Codabar



Enable Codabar*



Disable Codabar

GS1 DataBar (RSS14)



Enable GS1 DataBar*



Disable GS1 DataBar

General Settings

GS1 DataBar Limited



Enable GS1 DataBar Limited*



Disable GS1 DataBar Limited

Gs1 DataBar Expanded



Enable GS1
DataBar Expanded*



Disable GS1
DataBar Expanded

QR Code



Enable QR Code*



Disable QR Code

Micro QR



Enable Micro QR



Disable Micro QR*

General Settings

Data Matrix



Enable Data Matrix*



Disable Data Matrix

PDF 417



Enable PDF 417*



Disable PDF 417

Micro PDF417



Enable Micro PDF417



Disable Micro PDF417*

Aztec Code



Enable Aztec Code



Disable Aztec Code*

General Settings

Reverse Barcode

Only for 1d barcode, QR code, DataMatrix, Aztec code.



Enable Reverse Barcode



Disable Reverse Barcode*

10. Insert Prefix & Suffix

The scanner permit 32 bytes at most to be add at the beginning or the end of the scanned barcode.

10.1 Insert Prefix

Step 1:

Scan below code to Set prefix.



Set Prefix

Step 2:

Set the first digit to start inserting characters (including its own data), and use the two-digit "data code" to represent the decimal number XX (the first set can be omitted and set to "0", "1"), please check the corresponding data code table in page 31.

Step 3:

Scan the code corresponding to the value in the Appendix A as shown in page 35.

General Settings

Step 4:

Scan below code to save prefix setting:



Save and Exit

For example: the original barcode content is "ABCDEFGHijklmn";The content after adding the prefix is "ABCDE12345FGHijklmn".

- (1) Scan the setting code "Set Prefix".
- (2) In the original barcode, the prefix content "12345" is added in front of the character 'F', while the original barcode position of the code content 'F' is the 6th character, so the data code "XX" is "0", "6", look up the data code table in page 31, and scan the barcode corresponding to the data code in turn.
- (3) The content added to the original barcode is "12345", a total of 5 characters. Find the Appendix A Barcode Table and scan the characters "1", "2", "3", "4", "5" in turn.
- (4) Finally scan the setting code "Save and Exit".

Remarks: Only operate Step 1 and Step 4, you can cancel insert prefix. or You can also scan the "restore the factory" setting code to cancel it.

General Settings

10.2 Insert Suffix

Step 1:

Scan below code to Set suffix.



Set suffix

Step 2:

Set the penultimate digit to start inserting characters (including its own data), and use the two-digit "data code" to represent the decimal number XX (the last setting can be omitted and set to "0", "1"), please check the corresponding Data code table in page 31.

Step 3:

Scan the code corresponding to the value in the Appendix A as shown in page 35.

Step 4:

Scan below code to save prefix setting:



Save and Exit

For example: the original barcode content is "ABCDEFGHJKLMN"; The content after adding the suffix is "ABCDE12345FGHJKLMN".

General Settings

(1) Scan the setting code "Set Suffix"

(2) In the original barcode, the suffix content "12345" is added after the character 'E', while the original barcode position of the code content 'E' is the 10th character from the bottom, so the data code "XX" is "1", "0", look up the data code table in page 31, and scan the barcode corresponding to the data code in turn.

(3) The content added to the original barcode is "12345", a total of 5 characters. Find the Appendix A Barcode Table in the page 35 and scan the characters "1", "2", "3", "4", "5" in turn

(4) Finally scan the setting code "Save and Exit".

Remarks: Only operate Step 1 and Step 4, you can cancel insert suffix. or You can also scan the "restore the factory" setting code to cancel it.

General Settings

Data Code Table



0



1



2



3



4



5



6



7



8



9

General Settings

11. Hidden Front Character



Hidden 1 front character



Hidden 2 front character



Hidden 3 front character



Hidden 4 front character



Hidden 5 front character



Hidden 6 front character



Hidden 7 front character



Hidden 8 front character

Scan the following set code in order to cancel hidden the front character setting



General Settings

12. Hidden Back Character



Hidden 1 back character



Hidden 3 back character



Hidden 5 back character



Hidden 7 back character

Scan the following set code in order to cancel hidden the back character setting



Hidden 2 back character



Hidden 4 back character



Hidden 6 back character



Hidden 8 back character



General Settings

13. Restore Factory Setting

All barcode readers have a factory default setting. Reading the "below configuration barcode in order will restore all barcode reader property settings to the factory state.

Decoding tone is different. You are most likely to use this bar code in the following situations:

1. You have forgotten what settings were made for the barcode reader before, and you do not want to use the previous settings.
2. Accidentally scan to other function settings code, which led to the scanning function can not be used normally.



Restore default setting

The Version of the barcode scanner



Version Information

Appendix A

	 Null	
 SOH (start of headline)	 STX (start of text)	 ETX
 EOT	 ENQ	 ACK
 BEL	 BS	 HT
 LF	 VT	 FF
 CR	 SO	 SI

Appendix A

 DLE	 Dc1	 Dc2
 Dc3	 Dc4	 NAK
 SYN	 ETB	 CAN
 EM	 SUB	 ESC
 FS	 GS	 RS
 US	 SP	 !

Appendix A



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Appendix A



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Appendix A



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Appendix A



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Appendix A



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v



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Appendix A



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DEL



Caps Lock



F1



F2



F3



F4



F5



F6



F7



F8



F9



F10



F11



F12h



Print Screen

Appendix A



Scroll Lock



Home



Page Down



Left Arrow



Pause



Page Up



End



Down Arrow



Insert



Delete



Right Arrow



Up Arrow

FAQs

Q1. If i scan a product barcode, will it include the name of the product in the file automatically?

The scanner works like a keyboard, and does not interpret what the barcode is, it just "types" out a string of alphabet numeric characters that the barcode represents.

It's up to the database software you are using to interpret what that string of characters means. Once you acquire the barcodes, you have to correlate them to something more meaningful by either purchasing a software service that will interpret the barcode and relate it to a product, or you can use your own internal inventory system to assign the barcodes to specific products.

After creating the relationship between your barcode and the corresponded information, when you enter the barcode into the software by the scanner, your software will look up the barcode and then output the related information of your products.

Q2. Some barcodes can not be read, why?

- A. Incomplete and unclear barcodes might not be read.
- B. It is possible that the setting is off by default for some barcode types which are not commonly used. You need to activate a specific barcode type to get it working. Please go to General Settings to activate the barcode type.
- C. the scanning mode is not correct , scanning laser need to completely cover the barcode, if still can't read, please adjust the scanning distance and angle, the scanner can't read the barcode at 90 °angle.

FAQs

Please feel free to contact our Customer Service Team for further assistance if you don't know the exact type of barcode that you are referring to.

Q3. Is there any barcodes to remove auto-enter after every scanning?

To remove the auto-enter, scan these codes "None" on page 13.

Q4. How to add Tab?

To add Tab after every scanning, scan the code "Add Tab" on page 13.

Q5. Why the scanner doesn't have electricity to start on

- A. The cable interface loosed, please fixed connection interface.
- B. The computer front USB port power supply shortage, please replace the computer interface or change another to try.
- C. Used the incorrect cables, please use the original cable which the factory is equipped with
- D. Cable fault, please send back to the factory repair.

Q6. The scanner has laser and it can read barcode, but can't upload the data?

Reason :

- A. The scanner has set up the incorrect output mode, please set the correct output mode refer to the manual.
- B. The cable transmission failure, please replace the cable.

Q7. the scanner has laser and it can read barcode . but It uploads the wrong decoding barcode.

The keyboard layout of the scanner is different with the country you used, please use the scanner to read the keyboard settings on the manual.

Warranty & Contact Us

EXTRA 2 YEARS WARRANTY

Fill in your order number and Email us to register for the Extra 2 Years Warranty:

✉ service01@kedida-direct.com

Or Contact Our:

📞 WhatsApp: +8618123733429

Under the framework of the Extra 2-Years Warranty, we will provide

- free technical & maintenance guidance
 - replacement accessories in a special situation
 - timely and effective response
- ensure the normal operation of the product and the performance of the product always reaches the best condition.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this 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:

- Reorient 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction