



User Manual

Wireless Inventory Scanner

Dcode DC33A1/DC33A2

Most System Compatible

Compatible with Windows xp/7/8/10,ISO,Mac OS,Linux





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In order to use the barcode scanner properly, please read the instruction carefully and do not arbitrarily change the settings, otherwise some functions may not be available temporarily. Please keep the manual in case you need it for reference in the future. If you have any question or concern about the operation of the scanner.

I Technical Parameter

Brand	
Model	
Types of	1D/2D Barcode Scanner
Color	Black
Dimensions	165*65*38mm / 6*2.6*1.5 inches
Weight	165g
Material	ABS engineering plastics
Non-working status	Ambient temperature : -20℃——85℃ Environment humidity : 10%——93%
Working status	Ambient temperature : 0℃——45℃ Environment humidity : 10%——80%
Technical specifications	CPU : 32-bit high-speed ARM series CPU
	FLASH : 4MB, Store more than 99,999 data
	Display: 2.2 inch TFT color LCD screen, 176*220 TFT color LCD screen
	Scan Mode:1D 650nm / 2D image
	Battery: 2 AA batteries / Built-in 1 Lithium ion battery
	Decode ability:UPC-A, UPC-E, EAN-8, EAN-13, code39, code 93, code 128
	Communication method: 2.4G wireless two-way communication, CRC test, the maximum communication distance is 50-150 meters
	CPU : 32-bit high-speed ARM series CPU
	Keyboard: 26-key high quality silicone keyboard
Package list	Barcode Scanner * 1
	USB Receiver * 1
	USB data cable * 1
	User Manual * 1



II FAQs

Q1:An extra "0" was automatically added in front of the barcode after a scan. How do I remove it?

Answer:

Please refer to page 14 for the Decode option set.

Q2:In Inventory mode, can I change the quantity of barcodes after scanning?

Answer:

Please refer to page 9 for the use and setup of the Inventory model.

Q3:I uploaded the data I scanned, per the screen, it says upload complete. Where is the uploaded data on my pc?

Answer:

First you need to make sure which type of document you need to transfer the data to, open the document and then transfer the data, the data will be saved in the document you opened.

Q4:How to customize the barcodes' transmission format? Set the barcodes' length?

Answer:

Please refer to page 11 for Decode Option settings.

Q5:How to get rid of the extra characters at the end of the barcodes?

Answer:

The extra character in the end of a barcode is an UPC EXcode. Please refer to page 14 for Decode Option settings.

Q6:Why can't I scan repeatedly in Collect mode?

Answer:

The Collect mode is a special mode that does not require repeated scans for specific industries, such as express bar codes, product serial numbers, etc. You can press F2 to turn on or off repeated scan, or you can also use the Inventory model.



Q7:Some barcodes can not be read, why?

Answer:

- A. Incomplete, unclear and high-density barcodes might not be read.
- B. It is possible that the setting is off by default for some barcode types are not commonly used. You need to activate a specific barcode type to get it work.
Please feel free to contact our Customer Service Team for further assistance, if you don't know the exact type of barcode you are referring to.

Q8:If I scan a product barcode, will it include the name of the product in the file automatically?

Answer:

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

It's up to the database software you are using to interpret what that 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 corresponding information, when you input the barcode into the software by the scanner, your software will look up the barcode and then output the related information of your product.

Q9:I uploaded the data I scanned, per the screen, it says upload complete. Where is the uploaded data on my pc?

Answer:

First you need to make sure which type of document you need to transfer the data to, open the document put the cursor at where you want to input and then start the transmission, the data will be saved in the document you open.



III Troubleshooting:

1. Battery can not be charged.
Solution: Please note that device works with 2 AA batteries and can not be used as a battery charger.
2. Garbled characters when exporting data.
Solution: Please confirm that the input method is English input method. Please refer to page 12 for the Keyboard mode.
3. After scanning the barcode, there is an extra "0" before the barcode.
Solution: Please refer to page 14 for Settings>Scan code settings>Decode Option set.
4. After scanning the 12-digit barcode, only the first 11 digits are displayed, and the last digit is not displayed.
Solution: Settings→Scan code setting→Decode Option set→EAN, UPC ExCode, turn it on. Please refer to page 14 for the Decode Option set.
*Select ON if you need it to be displayed, select OFF if you don't want it to be displayed.
5. Unable to read barcodes.
Solution: Please check if the barcode setting is right.
6. How to change the export format, like separating each barcode with blank spaces but line feeds?
Solution: Please refer to page 10 for Export settings.



IV Interface icons and buttons

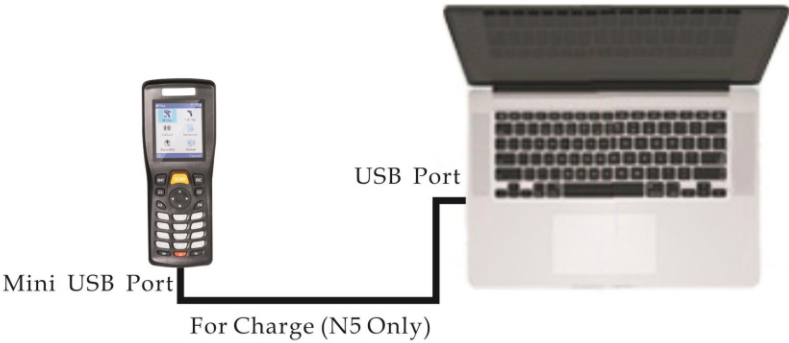


⚠ Note: Wireless scanning and wired scanning are combined, and the device automatically recognize



V Charging, Connection & Transmission

Charging :



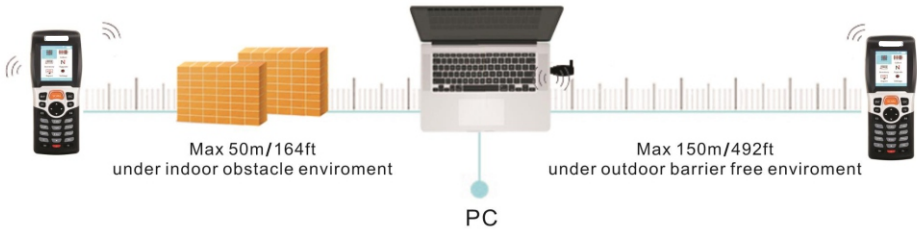
Connection:

Insert the receiver into the USB port of your computer, and then pair the device and the receiver. After pairing succeed, there will be a communication signal icon on the upper right corner of the device.

Transmission :

Once paired with the receiver, the barcodes data will be transferred automatically to your document at where your cursor put. Transmission distance up to 200m without obstacles in open air, 50m in a disturbed environment or indoor.

Transmission & Distance:

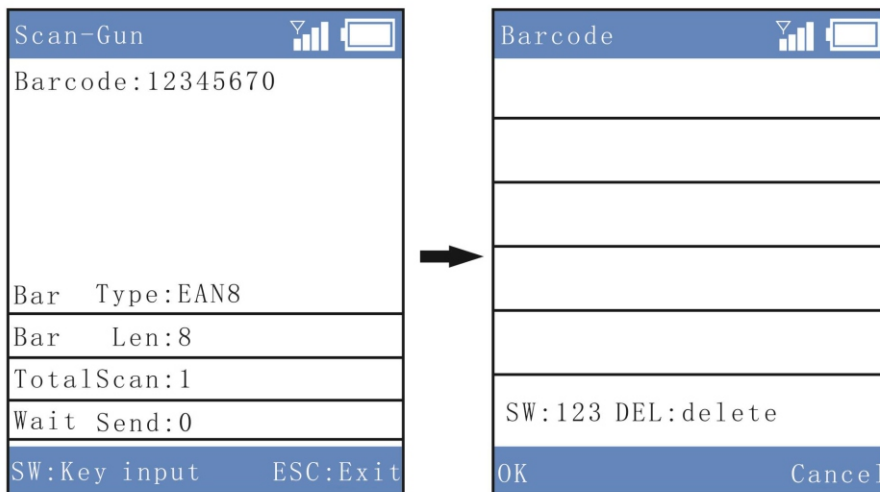




VI Optional Function settings



① Scan Gun



After scanning the barcode, the barcode will be displayed on the screen along with its type, length and total scan times. Manually input the barcode please press SW.

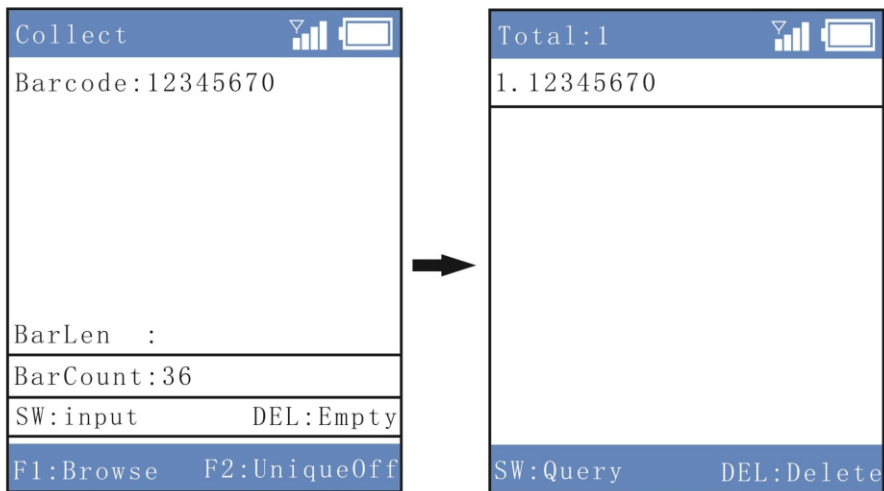
Scan mode works the same as other traditional wireless scanners, it will instantly transfer the barcode to the computer after each scan. As the image shows, it allows up to 6 lines or 90 characters display. It can display the type, length, quantity, and transmission status of the scanned barcodes.

The wireless barcode collector will save the scanned barcodes data automatically during signal interruption, and transfer the saved data when signal back to normal. Connecting the device to a computer with an USB cable, wireless transmission automatically converts to USB transmission.

The device supports manually input barcodes. Just press "SW" and input the characters. You can input in numbers, capitalized letters, or lowercase letters, press "SW" to switch.



② Collect



Press F1 to browse the barcodes collected, press F2 to clear the data.

Note: In Collect mode the product barcode can be scanned repeatedly. You can press F2 to turn On or Off

In Collect mode, the collector stores all barcodes in local memory and transfer barcodes to the receiver after the collection finished. All barcodes are stored in order into the flash memory, data won't be lost even sudden power off happens.

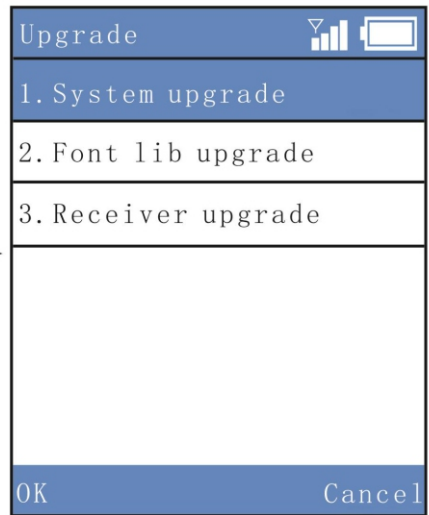
This function is mainly designed for barcodes single-used circumstances, such as scanning tracking number, serial codes, material codes.

If you meet any damaged barcodes which can't be scanned, press "SW" to input manually.

Press F1 to browse the collected barcodes, when browsing, you can press "DEL" and input the barcode number to delete the wrong barcode. If there're too many collected barcodes, you can also press "SW" and input the barcode to look up for the wrong one and delete. Press F2 to clear the all data collected.



4 Upgrade

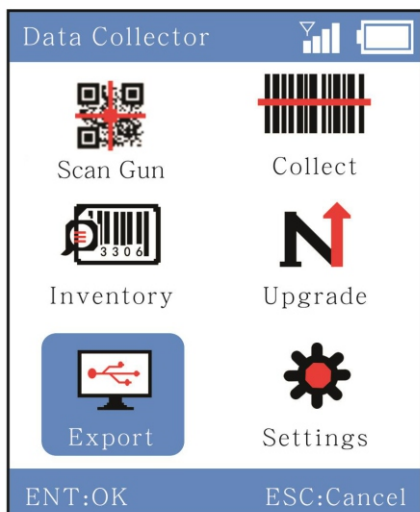


This function requires professional upgrade tools and APPs, please only operate under the guide of a professional technician.



5 Export

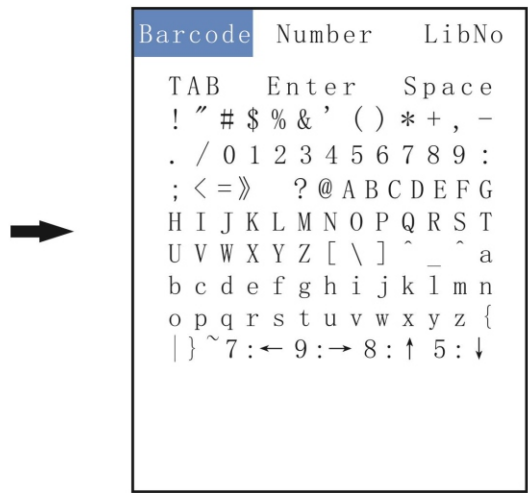
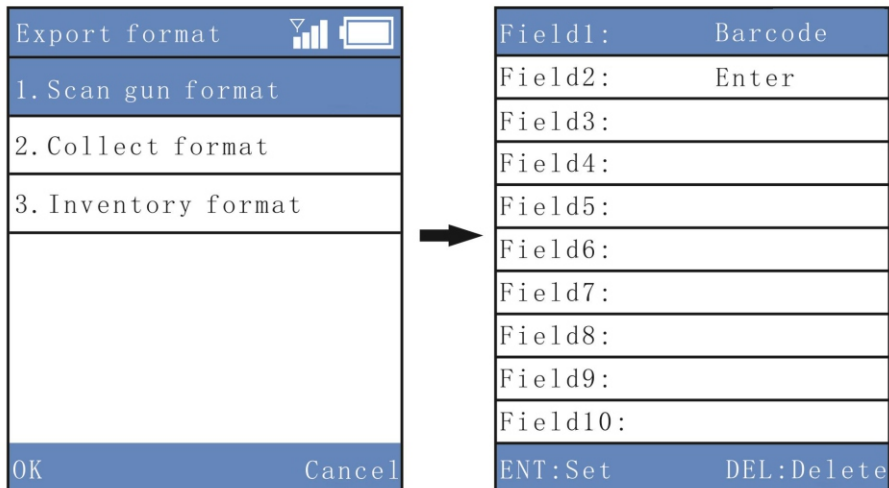
- 1. Collect Export
- 2. Inventory Export





There are two ways to export the data, RF transmission and USB transmission. RF (wireless) export is more convenient while USB export is more stable.

3.Export Settings



Export function is to export the data collected to the computer. Normally, the default format transmitted to the computer should be barcodes each followed by a line feed, but there are some special occasions that may require more line feeds or special symbols after each barcode, these complex transmission format can be set on Export settings.



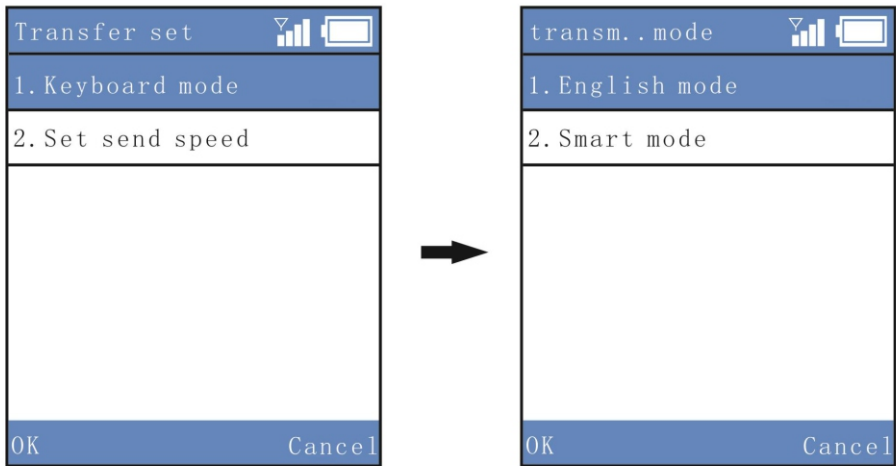
For example :

The default format is:Field 1:Barcode, Field 2: Enter.
If you need to export inventory data with the format:
Line A for barcodes, Line B for quantity. Then set with
Field 1:Barcode, Field 2:TAB, Field 3:Number, Field 4:
Enter.

Format of other modes can be set in the same way,
you can set the format according to your need. You
can also add other characters or special symbols,
or add a prefix or suffix before and after the barcodes.

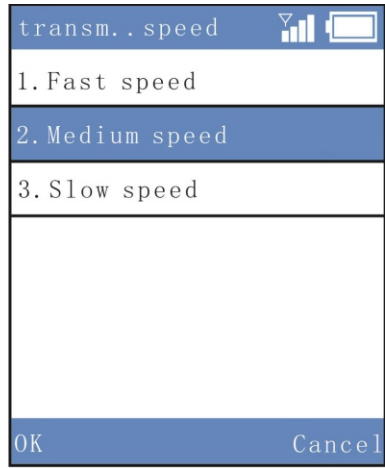
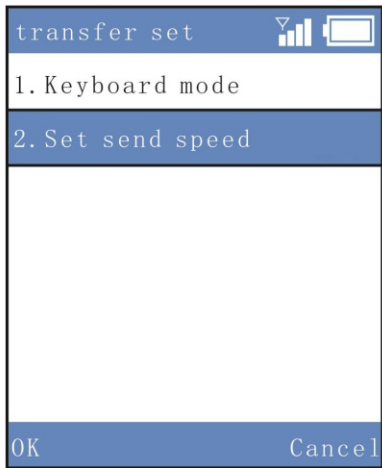
4.Transmission settings

(1)Keyboard mode



The transmission accuracy is related to your computer input language. If the transmitted data is different from the scan data, that may be due to the Keyboard mode not being compatible with your PC input language. We recommend you use English mode if your computer input language is English, for other languages, Smart mode is recommended.

(2)Set send speed

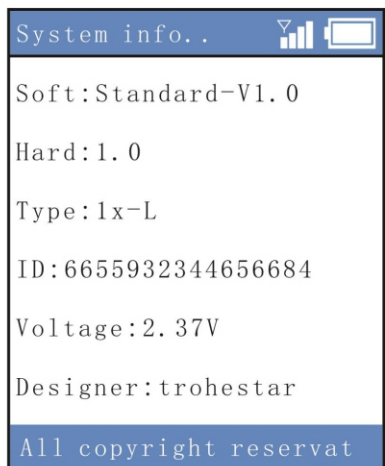
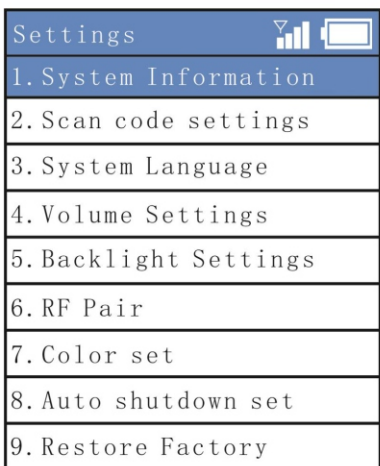


Some computers may react slowly, and it may cause a crash if the transmission is too fast. If any character missing happens during the transmission, slow down the speed.



6 Settings

1. System Information



Check the version of your device.
The image is just showing the content of system info, may not the same with your device.



2. Scan code settings

(1) Barcode type set

Barcode Set	
1. Barcode type set	
2. Scan mode set	
3. Decode Option set	
OK	Cancel



Decode	
1. EAN13	ON
2. UPCE	ON
3. EAN8	ON
4. Code39	ON
5. Code128	ON
6. IT25	ON
7. Code93	ON
8. Codabar	ON
9. MSI	ON
10. ChinaPost	OFF

Turn on/off a certain barcode type.

(2) Scan mode set

Key scan: Only scan when you're pressing the orange button.

Key delay scan: The device will keep scanning after a press until a barcode was scanned.

(3) Decode Option set

Barcode Set	
1. Barcode type set	
2. Scan mode set	
3. Decode Option set	
OK	Cancel

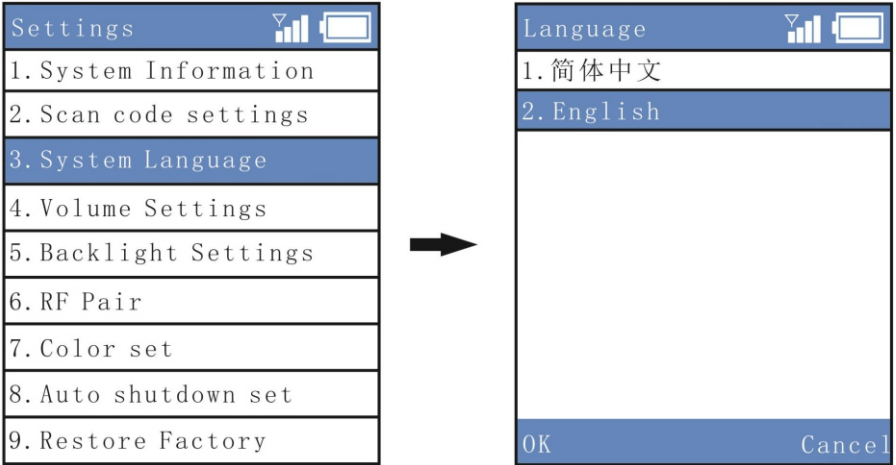


Decode Option	
1. EAN, UPC ExCode	:OFF
2. UCPA to EAN13	:OFF
3. EAN13 check	:ON
4. UPCA check	:ON
5. UPCA check	:ON
6. EAN8 check	:ON
7. Full Code39	:ON
8. Full Code93	:ON
9. IT25 Febraban	:OFF



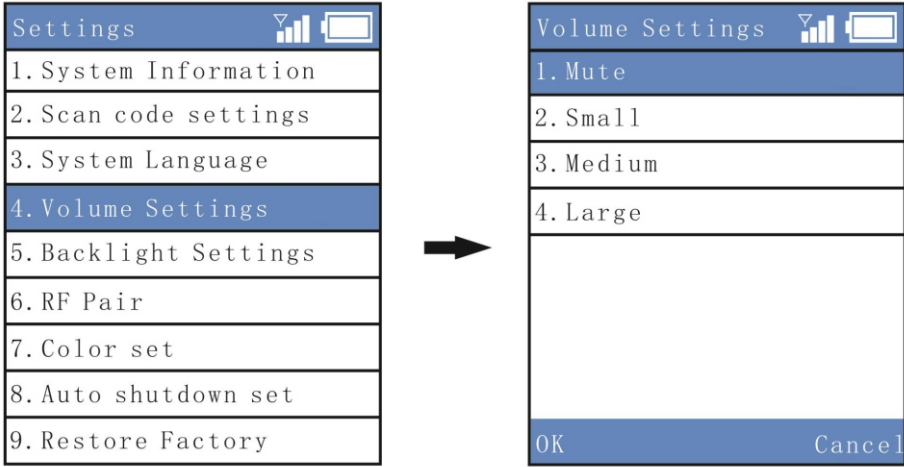
Turn on/off decode on a certain type code.
If an extra "0" was automatically added before a barcode after each scan, it's because the UPC-A barcode and the EAN-13 barcode are compatible with each other, and the UPC-A code you scanned was automatically turned into EAN-13, just turn off the UPC-A to EAN-13 setting and the extra "0" will no longer show.

3. System Language



Choose your language, English or Chinese (simplified).

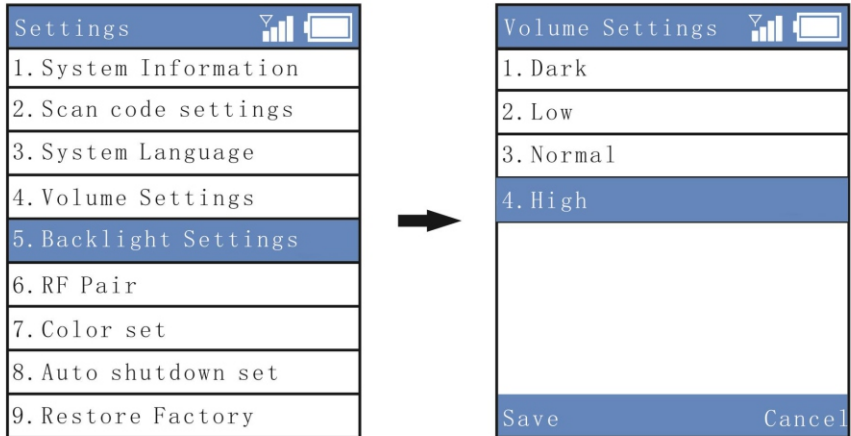
4. Volume Settings



Set the beep volume of the device.

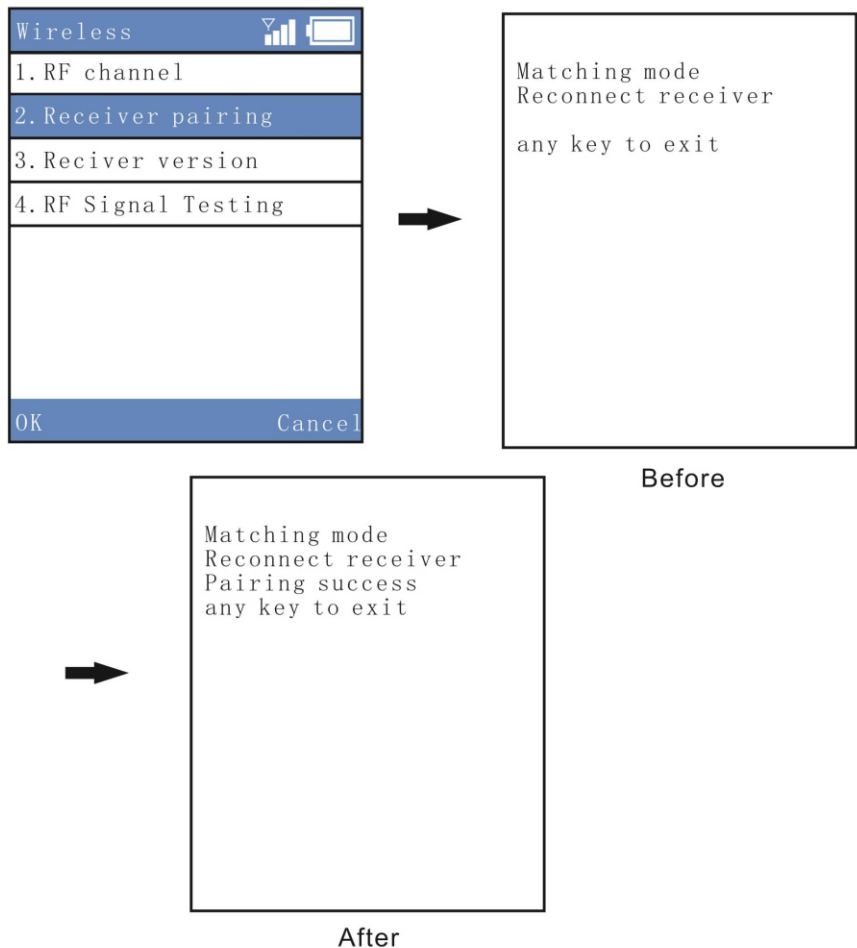


5. Backlight Settings



Set the brightness of the screen according to your environment. Shoutcut button is "Fn".

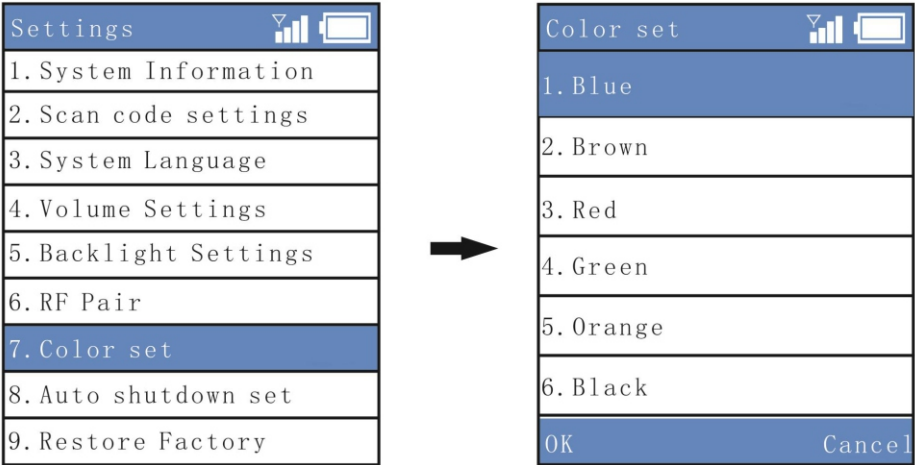
6. RF Pair/Wireless Pairing





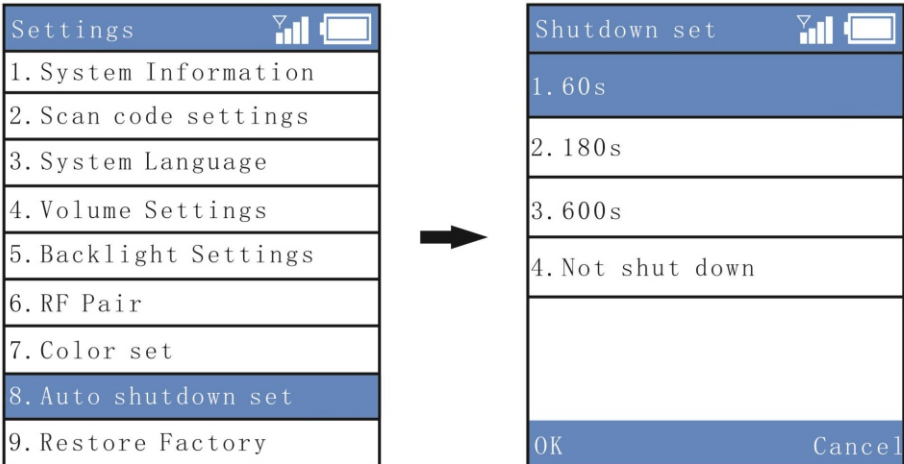
Plug the receiver into the USB port of your computer, the indicate light will sparkle to show it works, then enter Receiver pairing. After pairing success, there will be a prompt for successful connection.

7. Color Set



Set the color of the interface according to your personal preferences.

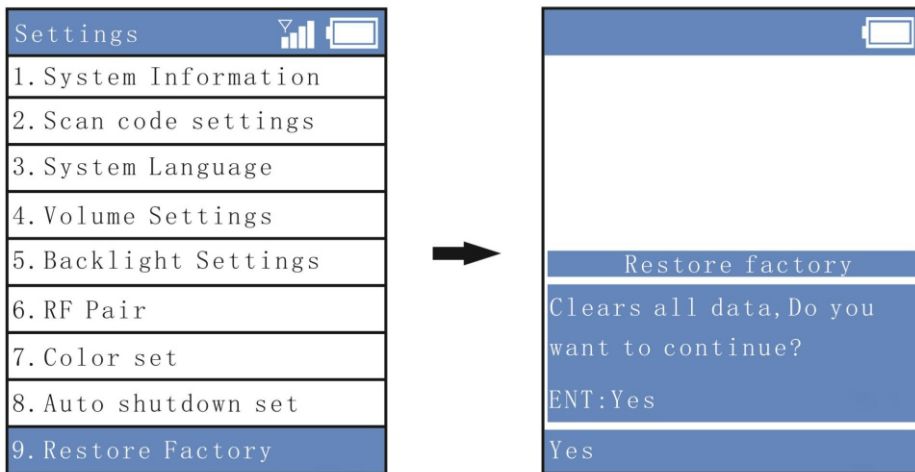
8. Auto Shutdown Set



Set the automatic shutdown time for power saving.



9. Restore Factory



Reset to factory settings, all the previous settings will be cleared, please use with caution.