

**User Manual**  
**Wireless Inventory Scanner**  
**S-3309**



www.jrscan.cn

**Contents**

- I Technical Parameter.....1
- II FAQs.....2
- III Troubleshooting.....4
- IV Interface icons and buttons.....5
- V Charging, Connection & Transmission.....6
- VI Optional Function settings.....7
- 1. Scan Gun.....7
- 2. Collect.....8
- 3. Inventory.....9
- 4. Upgrade.....10
  - 1. System upgrade.....10
  - 2. Font lib upgrade.....10
  - 3. Receiver upgrade.....10
  - 4. Download goods data.....10
  - 5. Clear goods data.....10
- 5. Export.....10
  - 1. Collect Export.....10
  - 2. Inventory Export.....10
  - 3. Export Settings.....11
  - 4. Transfer Settings.....12
- 6. Settings.....12
  - 1. System Information.....12
  - 2. Scan code settings.....13
    - (1) Scan mode set.....14
    - (2) Scan length set.....14
  - 3. System Language.....14
  - 4. Volume Settings.....15
  - 5. Backlight Settings.....15
  - 6. RF Pair/wireless pairing.....16
  - 7. Color Set.....17
  - 8. Clock Settings.....17
  - 9. Auto Shutdown Set.....17
  - 10. Restore Factory.....18

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, Please tell us the model and your order number in your E-mail to [support@jrscan.cn](mailto:support@jrscan.cn) or go to [www.jrscan.cn](http://www.jrscan.cn) and live chat with us for instant help.

**I Technical Parameter**

Brand	JRHC
Model	S-3309
Types of	1D Barcode Scanner
Scanning	S-3309 for 1D barcode
Size	165*65*28mm / 4*2.6*1.1 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 50,000 data Display : 2.2 inch TFT color LCD screen Scan Mode: 1D 650nm Battery : 2 AA batteries Decode ability: UPC-A, UPC-E, EAN-8 EAN-13, code39, code 93, code 128 Communication method: 2.4G wireless two-way communication, CRC verification, the maximum communication distance is 50-150 meters. Screen Resolution: 178*220TFT color LCD screen Keyboard: 23-key high quality silicone keyboard
Package list	Barcode Scanner * 1 USB Receiver * 1 USB data cable * 1 User Manual * 1

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.

2

**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.

3

**III Troubleshooting:**

1. Whether the scanner can be charged.  
**Solution:**S-3309 needs 2 AA #5 batteries to be energized, can't use a USB data cable to charge.

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. Unable to read barcodes.  
**Solution:**Please check if the barcode setting is right.

4. How to change the export format, like separating each barcode with blank spaces but line feeds?  
**Solution:**Please refer to page 11 for Export settings.

4

**IV Interface icons and buttons**

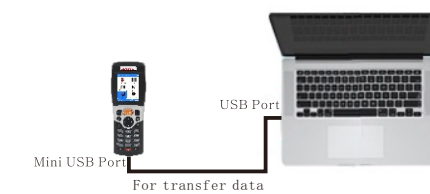


Note: Wireless scanning and wired scanning are combined, and the device automatically recognize

5

**V Charging, Connection & Transmission**

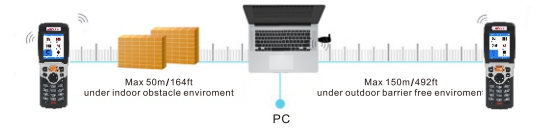
**Charging :**  
The S-3309 doesn't have a built-in battery that can be charged using 2 AA battery.



**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 150m without obstacles in open air, 50m in a disturbed environment or indoor.

**Transmission & Distance:**

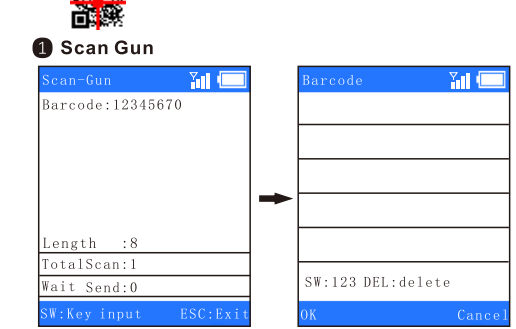


Connect the device with a computer with an USB cable can charge the device, process wired transmission and update the device.

6

**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.

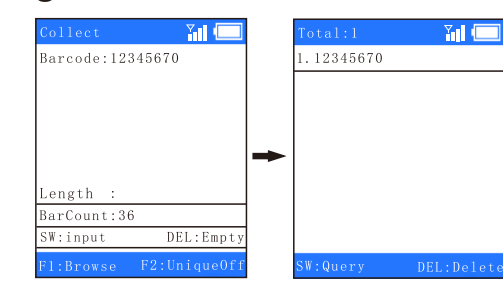
Scan mode works the same as other traditional wireless scanners, it will instantly transfer the barcode to the computer after each scan. As the image shows, it allows up to 6 lines or 90 characters display. It can display the type, length, quantity, and transmission status of the scanned barcodes.

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.

7

**2. Collect**



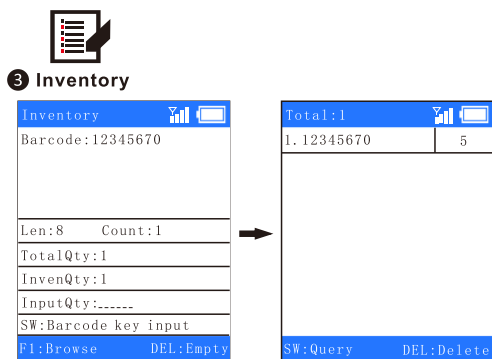
Press F1 to browse the barcodes collected, press F2 to unique on/off.

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-use 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 unique on/off

8



Press F1 to browse the inventory data. Browse page shows the barcodes and barcodes' quantity. Press F2 to Setting Inventory Modes.

Inventory mode is a simple statistical counting mode to record barcodes and their quantity. The collector can process up to 10,000 barcodes at a time, the maximum inventory quantity of individual barcodes is 50,000.

One scan on each barcode will add one quantity on the barcode, or you can input the quantity manually to change the quantity or add on.

When browsing, you can press "DEL" and input the barcode number to delete the barcode wrongly counted. If there are too many collected data, you can also press "SW" to look up for the barcode counted wrongly and then revise the quantity or delete the barcode data.

9

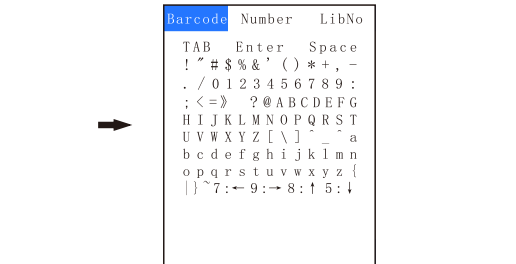
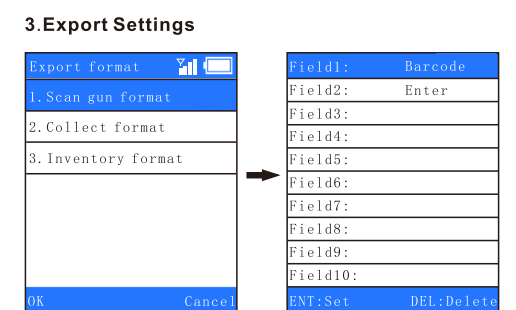


This function requires professional upgrade tools and Softwares, please only operate under the guide of a professional technician.



10

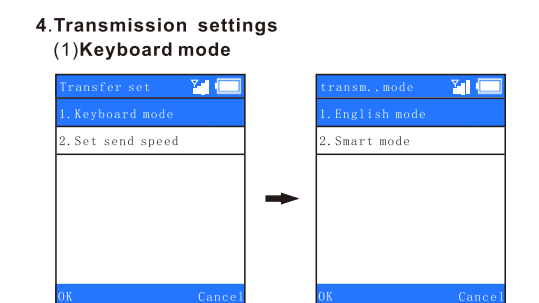
There are two ways to export the data, RF transmission and USB transmission. RF (wireless) export is more convenient while USB export is more stable.



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.

11

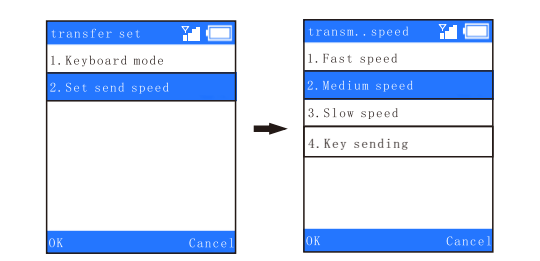
For example:  
The default format is: Field 1:Barcode, Field 2: Enter. If you need to export inventory data with the format: Line A for barcodes, Line B for quantity. Then set with Field 1:Barcode, Field 2:TAB, Field 3:Number, Field 4: Enter.



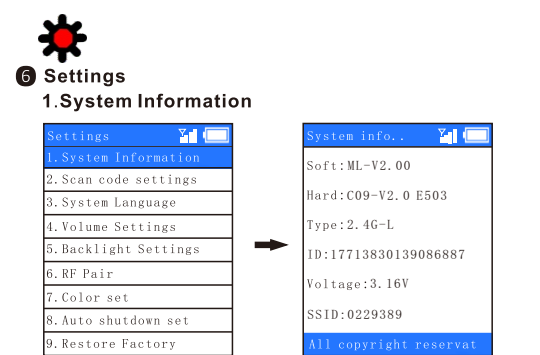
The transmission accuracy is related to your computer input language. If the transmitted data is different from the scan data, that may due to the Keyboard mode not compatible with your pc input language. We recommend you use English mode if your computer input language is English, for other languages,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

(2)Set send speed

12



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.

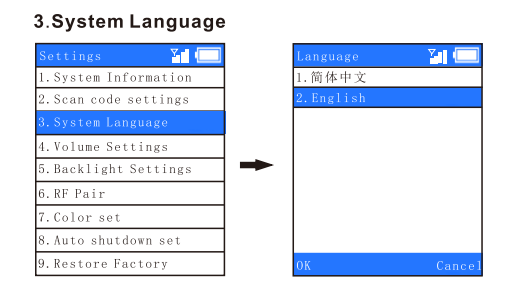


Check the version of your device. The image is just showing the content of system info, may not the same with your device.

13

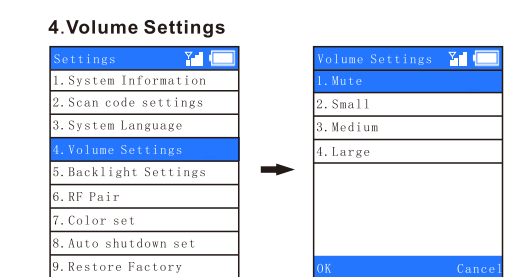
**2. Scan code settings**  
(1)Scan mode set  
Key scan: Only scan when you're pressing the orange button.  
Key delay scan: The device will keep scanning after a press until a barcode was scanned.  
Continuous Scanning

**(2)Scan length set**

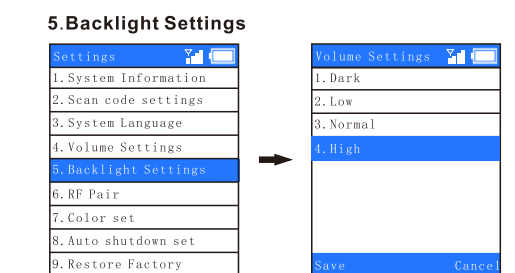


Choose your language, English or Chinese (simplified).

14

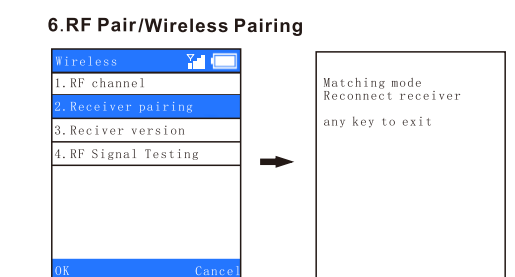


Set the beep volume of the device.



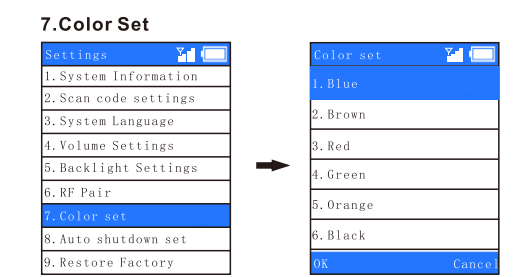
Set the brightness of the screen according to your environment. Shoutcut button is "Fn".

15

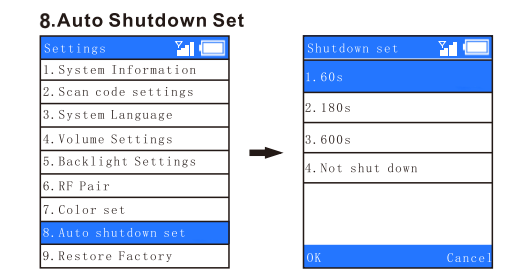


Plug the receiver into the USB port of your computer, indicate light will sparkle to show it works, then enter Receiver pairing. After pairing success, there will be a prompt for successful connection.

16

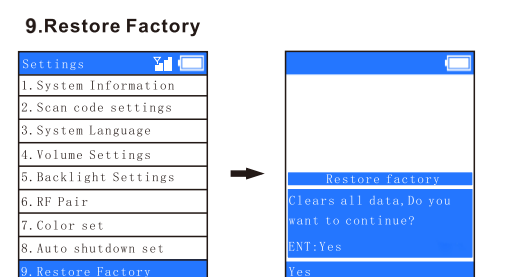


Set the color of the interface according to your personal preferences.



Set the automatic shutdown time for power saving.

17



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

Note: If you received a manual which is different from your model, please contact us, we'll send you a copy of the correct manual.

E-mail: [support@jrscan.cn](mailto:support@jrscan.cn)  
[www.jrscan.cn](http://www.jrscan.cn)

18