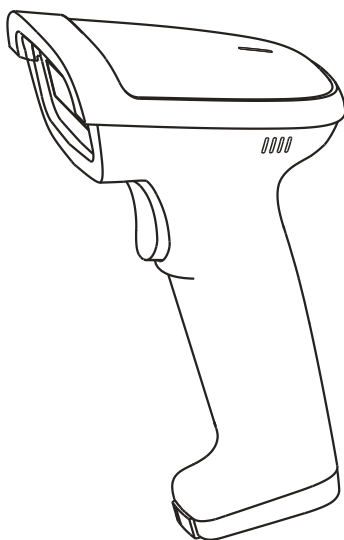




USER MANUAL

Barcode Scanner S212



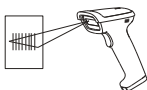
Dear customers , thank you for using our company's products.We are committed to providing our customers with high quality products to ensure best performance, please read this manual carefully before use !

How to use barcode scanner correctly

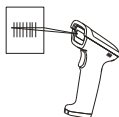
1.The scanner must maintain a diagonal angle with the barcode to achieve the best reading effect.

2.Do not scan the scanner at a 90 degree angle to the barcode, as normal barcode reading is not possible at 90 degrees.

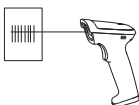
3.When scanning the barcode, it must be aligned and the scanning line must be completely wrapped around the barcode for decoding. It is not allowed to scan only part of the barcode, otherwise there may be error code.



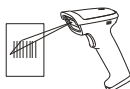
Correct code reading method



Correct code reading method

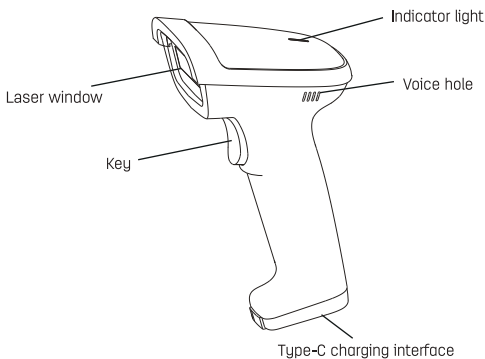


Error reading method



Error reading method

Component description



Packing list

Barcode scanner×1, Type-C charging cable×1, Wireless receiver×1, User manual×1

Technical parameter

Battery capacity	3.7V/2000mAh lithium battery
Input voltage	DC 5V \pm 0.5A
Operating current	50mA (Typical value)
Maximum peak current	70mA
Light source	Laser 650nm \pm 10nm
Laser power	0.6mW~1.5mW
Scan barcode category	1Dcode
Reading accuracy	\geq 4mil
Decoding type	AIM-128、Code 11、Code 39、Code 93、Code128、Codebar、Deutsche12、Deutsche14、EAN-8、EAN-13、GSI-RSS14、GSI-RSSLimited、Industrial 25、Interleaved 2of5、ISSN、ISBN、ITF-14、Matrix 2 of 5、MSI-Plessey、Plessey、RSS-Expand、Standard 2-of-5、UCC/EAN-128、UPC-E、UPC-A
Operating temperature	0℃ ~ 45℃
Storage temperature	-20℃ ~ 60℃
Operating humidity	5%RH~90%RH(non condensing water)
Prompt mode	Buzzer, indicator light
Key life	5 million times
Interface type	USB
Scanning mode	Manual, continuous
The anti-seismic capacity	Can pass the 1.2m free fall test

Product features

1.This product has built-in storage and inventory function, with a maximum storage capacity of 8000 EAN-13 barcodes, allowing for direct daily simple inventory work. All parameter settings of this product can be completed through barcode scanning and saved in the memory of the barcode scanner. The inventory content and parameter settings can still be retained after turning off the power.

2.This product has a one button pairing function, which can easily and quickly complete the transmission.

3.The transmission distance is about 100 meters in the open scene without electromagnetic interference; In typical use scenarios, the wireless transmission distance is 20-30 meters. When the electromagnetic environment is complex and there are more obstacles, the transmission distance will be reduced; If you need to use it at a longer distance, please open the "Counting Mode".

4.Low power consumption, long standby time, built-in 2000mAh lithium battery.

5.Wireless receiver supports Windows/Mac OS operating system.

Receiver installation method

- 1.Plug the wireless receiver into the USB connector of the computer.
- 2.After the wireless receiver is inserted into the computer, the system will automatically install the driver (if the driver installation fails, please unplug the receiver or restart the computer).
- 3.After the driver is installed, the receiver can transmit data with the paired scanner.

Turn on/off configuration code settings



Restore factory defaults



Restore wireless features to factory settings



Allow to read all barcodes

Common terminator settings



Add carriage return terminator
(CR)



Add carriage return line break terminator
(CR+LF)



Add TAB terminator



Do not add terminators

Reading mode setting



Manual read mode



Automatic continuous reading

Function settings



Normal mode
(instant data upload)



Counting mode
(storage mode)



Display the total number of scans
(counting mode is applicable)



Data upload



Clear data
(use with caution)

Instructions

- 1.Normal mode: scan the barcode into the normal mode, in which the scanning results will be uploaded to the computer in time (this mode is the default mode).
- 2.Counting mode: scan the barcode to enter the counting mode, in which the scanning results will be stored in the internal memory (when the internal memory is used up, the buzzer will beep three times for prompt).
- 3.Data upload: Scanning this barcode can sequentially upload data stored in internal memory to the computer (applicable in inventory mode. Please ensure that the wireless signal is normal when uploading data. The buzzer will beep once for successful data upload and three times for unsuccessful data upload).
- 4.Display the total number of stored data: scanning the barcode will display the number of all stored data (the counting mode is applicable).
- 5.Clear counting data: scanning the barcode will clear all internal memory data.

Pairing parameter settings

1.Paired barcode settings



One click pairing

2.Matching method

One click pairing method: First use a scanner to scan the "One click pairing" setting barcode, wait for the scanner to sound "beep", "beep", and "beep", and then plug the receiver into the computer USB interface. (Note: After successful pairing, the scanner's "beep", "beep", and "beep" sound disappear. The entire step is completed within 30 seconds).

3.Barcode scanner settings



Enter ID Setting



Show ID



Hide ID

Setting method: Use a wireless barcode scanner to scan the "Enter ID Setting" barcode, and then scan the desired parameter value barcode. For example, to set the barcode scanner ID to "01", the operation steps are as follows: Go to ID Settings>Parameter Values (scan the "0" barcode first, then scan the "1" barcode).

Show/Hide ID Method: Use a wireless barcode scanner to scan the "Show ID" or "Hide ID" barcode to display/hide the ID of the barcode scanner.

4.Parameter value barcode



0



1



2



3



4



5



6



7



8



9

Sound setting



Turn on sound



Turn sound off

Wireless barcode scanner buzzer prompt list:

Buzzer	Explain
Long beep once	Normal startup; enter Sleep Mode
Short beep once	Successfully read and upload the barcode
Short beep twice	Successfully read the setup code
Short beep three times	Barcode reading and uploading failed
Short beep five times	Low battery reminder

Power display



Display remaining power

Troubleshooting

NO.	Problem	Possible causes	Solution
1	No power on or power off immediately after power on	Mainly caused by low battery power	Please charge in time to ensure sufficient power (the red light is on when charging, and off when fully charged)
2	Barcode data is not uploaded	Scanner and receiver not paired successfully	Please ensure whether the wireless barcode scanner and receiver are paired (if not, please pair again)
		The distance between the barcode scanner and the receiver is too far	Please check whether the wireless barcode scanner has a signal data upload. (If the buzzer "beeps" three times in a row, it indicates that the signal is insufficient.) The scanner needs to be close to the receiver or switched to the inventory mode
3	There is a Laser line, but the barcode cannot be read	This type of bar code system is not enabled	Open the code system by reading the setting code
		Bar code is damaged	Please try scanning other barcodes with the same barcode type
		Improper distance between scanner and barcode	Please move the barcode scanner near or far away from the barcode
		The height of the barcode scanner is not enough to completely cover the barcode	Read the barcode after aligning it
4	The scanned data is displayed incorrectly on the host	Input method error	Convert the input method to the standard English input method
		Other settings have been made to the scanner	Restore the scanner parameters to the factory settings, or contact the manufacturer's service center
5	The barcode characters are garbled or wrong	The keyboard country setting of the barcode scanner does not match the country where the keyboard is used	Set the barcode scanner keyboard country to match the country where the keyboard is used
6	Other conditions cannot be decoded	Device transfer error	Turn off the power supply of the equipment, connect the equipment and the scanner correctly, turn on the power supply of the equipment, restore the parameters of the scanning platform to the factory settings and scan the code again

Simple maintenance method

- 1.The dirt and dust on the scanning window sometimes affect the work of the scanner. When cleaning, you should use high-quality facial tissue paper, gently wipe it, and then blow it with a blowing balloon. If the paper with poor quality is used for wiping for a long time, the surface finish of the scanning window will be damaged and the reading effect of the scanner will be affected.
- 2.The shell of the scanner can be wiped with a soft cleaning cloth. If necessary, a small amount of detergent can be added with water, and then wiped with a soft cloth dipped in water.

Maintenance

- 1.Our company is responsible for free maintenance in case of product failure within one year of normal use from the date of purchase.
- 2.The start date of the warranty period is subject to the purchase date and invoice of the product warranty card
- 3.Please show the product warranty card and invoice during maintenance.
- 4.Please keep this warranty card properly. If it is lost, it will not be replaced. The purchase date filled in must be consistent with the invoice number, otherwise it will be invalid.
- 5.This card cannot be altered, otherwise it will be invalid.
- 6.For products beyond the warranty period or not subject to free maintenance, the maintenance service center of our company is still enthusiastic to serve you.

One of the following conditions does not belong to the scope of free maintenance:

- 1.products beyond the warranty period.
2. Those who cannot provide purchase invoices or valid vouchers.
3. The appearance is naturally old due to use, and the consumer requires updating.
4. Failure caused by failure to use according to the instructions.
5. Failure caused by falling or collision.
6. Failure caused by self assembly, disassembly and repair.
7. Samples and processed products for commercial display and products with performance overload test.

The table of toxic and hazardous substances/elements and their content

Part name	Hazardous and noxious substance or elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Cable	○	○	○	○	○	○
Electronic parts	×	○	○	○	○	○
Injection molded parts	○	○	○	○	○	○

○: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572-2011 «Requirements of concentration limits for certain restricted substances in electrical and electronic products».

×: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572-2011 «Requirements of concentration limits for certain restricted substances in electrical and electronic products». Due to limitations of science and technology development, these toxic or hazardous substances cannot be replaced or reduced for now. Under normal use conditions, no leakage or abrupt change will occur within 10 years, nor will it cause pollution to the environment or damage to people and property.

Environment-Friendly Use Period:

This mark refers to the environment-friendly use period of electronic and electrical products sold in accordance with the Regulation of the People's Republic of China on Limit on Use of Hazardous Substances in Electric and Electronic Products and General Guidelines of Environment-friendly Use Period of Electronic Information Products.



Laser radiation to avoid direct exposure to the eyes 3R class laser products
Maximum single pulse output energy: 5×10^{-3} J
Pulse width: 0.1-0.2ms
Maximum output of laser radiation: < 5mW
Wavelength: 630-670 (nm)

Precautions

- 1. Avoid direct exposure of eyes or skin to laser beams!
- 2. Do not directly look at or observe the laser beam through the use of optical instruments (telescopes)!
- 3. The use of control, adjustment, or execution of procedures other than those specified in this document may result in harmful radiation!
- 4. Non professionals are prohibited from disassembling or repairing the product without authorization to avoid malfunctions and damage!
- 5. If dismantling, adjusting or repairing, please have professional personnel perform the operation!
- 6. Do not use the product for children's play!
- 7. Laser warning labels are marked on the product.

WARRANTY CARD

Customer Name		Phone		Postcode	
Mailing Address					
Product Name		Model			
Date of Purchase					
Province		City/town			

REPAIR FORM

Date	Description	Replaced parts		Maintenance Technician
		Name	Quantity	

★ For any question, please contact your local dealer.

CERTIFICATE

Inspector: _____

Date of manufacture: _____

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**KEEP FOR
FUTURE USE**

Version: 1.0
Date: 2-2025