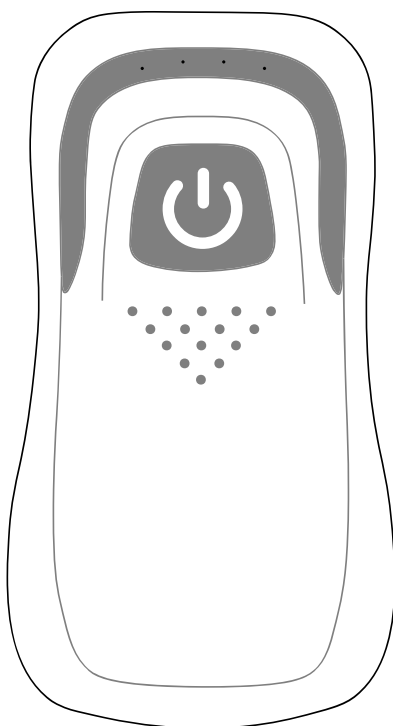


R58 Bluetooth/2.4G all-in-one scanner

User manual



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What the user needs to know

1. Read this user manual in detail before using this barcode scanner
2. The scanner's charging voltage is 5V, please match the appropriate power charge
3. The Company reserves the right to make changes to any product to improve its reliability, improve its functionality or design, and is not responsible for any product liability in connection with or arising from the application or use of any product, circuit, or other applications described here.
4. The attachment to the scanner

Standard configuration of wireless scanner: scanner one, receiver one, USB cable one, instruction manual one, product certificate one.

5. The contents of this manual are subject to change without notice.

Brief introduction.

The R58 is a one-dimensional/two-dimensional code/13.56M/125Khz contactless RF card reader and barcode scanner based on barcode recognition, RFID radio frequency identification technology and combined with Bluetooth communication. Not only low power consumption, standby time can be up to 3 years, change the traditional way of transmission of data lines, also do not need to load additional power supply (the card reader brings lithium battery), only need to receive Bluetooth and card reader Bluetooth pairing successfully, you can directly bar code data /RFID card UID number, via Bluetooth uploaded to the device receiving end.

Characteristics.

No password authentication pairing is required to see direct pairing.

The scanning code has a high recognition rate

The 1000mA/h high-capacity battery is long standby

The reader communicates from a distance of up to 10 meters.

Fully charged for a long standby time. (Normal charging for 8 hours and standby time of up to 1 year).

The transfer speed is fast and there is no need to load the program.

It can be charged directly with the phone charger plug.

Data output default carriage return function, no manual selection required.

Widely used in Windows, IOS, Android and other devices with Bluetooth communication.

Product parameters

Project.	Parameters.
Model.	R58B/R58C/R58D
The working band	13.56M/125Khz
The type of card read	Compatible IC ID cards such as the S50 S70 ULTRALIGHT CPU TK4100 EM4100
The type of bar code	One-dimensional code, two-dimensional code, screen code
How to communicate	Bluetooth/2.4G wireless
grid	Default 8-bit 16-step (software-based format, e.g.: 10-bit 10-step/10-bit 16-step, etc.)
The reading distance	20mm-60mm (specific valid card reading distance is related to card)
The read card rate	106K/Bit
Read the card speed	0.1S
Read card spacing	0.5S
Read the card time	<100mS
Operating temperature	-20℃—70℃
The working current	100ma
Charging voltage	5V
Battery capacity	1000MA/H
feet	105m×48mm ×25mm (product)/143mm×90mm×61mm (including packaging)
Weight	50G (net weight)/200G (including packaging)
Operating system.	IOS, WINXP, Win 7, Win10, Android, LINUX, and other operating systems
it's him	Status indicator: 4 color LED ("white" connection status, "red" scan confirmation, "blue" indicator, "green" charging light) Built-in buzzer chimes

How to connect

This product is available in two connection modes, wireless 2.4g and Bluetooth

The wireless 2.4g connection method is as follows:

1. Press and hold the scanner on key to power on
2. Connect the wireless receiver to the device's usb port.
3. Open the appropriate software on the device to scan the entry.

The Bluetooth connection method is as follows:

1. Press and hold the scanner on key to power on
2. Turn on Bluetooth on your phone or other device and search for Bluetooth devices.
3. Find a device named SYC Bluetooth and click Connect.
4. Pair successfully with a "drop" sound, and the white light is always on.

Precautions

The reader only reads RF cards and barcodes, including 13.56M and 125Khz EM cards, one-dimensional codes and two-dimensional codes, and does not support reading Bluetooth card data (Bluetooth card band is 2.4G);

When you swipe to read card data, please switch the input method of your phone or other platform to English state in order to more complete output card data;

The way to read the card, it is recommended that the card is lying close to the card reader naturally, with the card from the side quickly crossed the card reading method is not desirable, does not guarantee the success of the swipe card.

The configured data cable does not have communication function and is limited to charging the card reader, which cannot use the data cable to upload data to the operating platform.

There are more factors affecting the reading distance, because of the use of different protocols, different antenna design, the surrounding environment (mainly metal) and different cards, etc., will affect the actual reading distance;

The reader brings its own sleep system. When the reader is not in use, the 60S automatically hibernates, if you need to turn it back on, press the button again, the reader can re-enter the working state.

Read the card function operating instructions

This product is available in two reader models, the R58D is a 125khz reader, supports ID cards for protocols such as TK4001/EM4100, and the R58C is a 1.56Mhz reader that supports 14443A protocol cards such as Mifare one (S50-S70, etc.).

Once connected to the device, open the software that needs to record the card number (such as a table or text document), place the cursor in the position you need to enter to operate the card reading card, please read the type of card according to the need to select the model, only the corresponding model can read the card number.

Scan code function operating instructions

R58B is a scanning-enabled model that adjusts the function of the corresponding setting code scanner below the scan, and some scan feedback information needs to be displayed on the document

Basic system settings

1.Restore the initial state by scanning the "Recover Factory Settings" barcode



Factory recovery (%%Restore)

2.Turn off the device by scanning the Shutdown Instruction barcode



Shutdown instructions (%%Power Off)

3.The wireless receiver plugs in unresponsively and is paired by scanning the "one-piece pairing" barcode, scanning first, hearing continuous drips and then inserting the receiver into the computer to pair



One-click pairing (%%EZPair)

4.Scan the Display Battery barcode to see the remaining charge on your device, and the scan results appear in the cursor input area



Show battery level (%%Batt)

5. By scanning the Software Version Information barcode to see the device's version number, the scan results appear in the cursor

input area



Software version information (%%Version)

Buzzer settings

1. Turn on the device's buzzer by scanning the "Open Broom" barcode



Turn on broom tone /%%BZOpen1

2. Turn off the device's buzzer by scanning the "Close Broom" barcode



Turn off broom chimes (%%BZClose1)

The end character setting

1. Add carriage returns to the output suffix by scanning the Add Carriage Return barcode



Add Carriage Return (End CR)

2. Add TAB to the output suffix by scanning the "Add TAB" barcode



Add TAB (%%EndTab)

3. Add carriage returns and line breaks to the output suffix by scanning the Add Carriage Return plus Line Break barcode



Add carriage returns and line changes (%%EndCRLF)

4. Set the output without a suffix by scanning the "End Note None" barcode



The end character has no %%EndNone

Sleep time settings

Sweep the Sleep Time SET barcode into setup mode, and then sweep the sleep time you want to set



Sleep time SET(%%ALLTIMSET).



30 seconds (%ALLTIM01)



60 seconds (%ALLTIM02)



5 min (%ALLTIM04)



10 min (%%ALLTIM05)



Sleepless (%ALL-TIDIS).

Mode settings

The scanner has three modes of operation: normal mode, counting mode and non-loss mode, through different settings code to operate mode switching

- In normal mode, the data after scanning the code is transmitted directly to the computer or mobile phone via wireless or Bluetooth, and the scanner emits a low-frequency short tone after successful transmission. If transmission fails, a 3-tone low-frequency short tone is issued to warn. In normal mode, if the transfer fails, the barcode that was swept is lost.



Normal mode(%%ALLPT-SET).

- If the scanner is operating beyond the wireless or Bluetooth transmission range, counting mode is recommended. In inventory mode, the scanned data is stored in the internal storage of the scanner. When swept to a bar code, the scanner will make a short sound, sweep to the bar code automatically stored to the scanner each storage if the internal storage is full, the scanner will issue 3 low-frequency short tone warning, read the scanner's setting code will be introduced at the back.



Counting mode SET (%ALLMEM-SET)

- Without losing mode, the barcode scanned by the scanner is successfully transferred directly to the computer or mobile phone, and when it fails, it is automatically stored inside the scanner to solve the problem of data loss



Do not lose mode (%ALLAEM-SET)

Data management

View the number of barcodes in the scanner's storage by scanning the Total Data barcode, which is displayed in the cursor input area



Total data(%%ALLMEM-ZS).

Upload stored data by scanning the Data Upload barcode. Barcodes stored in the scanner are not automatically deleted after data is uploaded, and users can upload stored data multiple times by scanning "data upload".



Data upload(%%ALLMEM-SC).

By scanning the "clear data" barcode to clear stored barcode data, bar code removal will no longer be able to upload, before clearing please confirm that the data has been uploaded.



Clear data(%%ALLMEM-QC).

Problems.

- Why can't I upload a barcode to my computer or phone after pairing?
 1. Confirm that the pairing has been successful and that the first white LED on the left side of the pairing success is always on
 2. Is the counting function turned on (barcodes are not automatically uploaded in counting mode and need to be manually scanned for the corresponding settings code uploads)
 3. Change to normal mode and upload while scanning
- What if the wireless receiver plugs in and the sweep gun connection doesn't work?

Unplug the receiver, and then scan the one-click pairing of the setting code for pairing, the scan will emit a continuous low tone, at this time the receiver will be inserted into the computer side, when the tone stops the description and the receiver pairing successfully, you can use
- Why doesn't the scan setup code respond?

Scan the setting code that displays the version number to see the version number, making sure that it is the software version that matches the current manual
- How to change more scan settings

Please contact the manufacturer