



YANZEO SR200 Portable UHF RFID Reader

User Manual

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1. Information

1.1. Characteristics

- ☐ Support ISO18000-6C(EPC C1G2) protocol tag;
- ☐ 860~960MHz frequency band;
- ☐ USB HID drive free, Bluetooth Communicator;
- ☐ Support virtual keyboard and serial port;
- ☐ Support Bluetooth to virtual keyboard and serial port
- ☐ Working voltage: USB interface or +5V power supply;
- ☐ Working current: < 200mA
- ☐ Battery capacity: 3000ma
- ☐ Working hours: > 10 hours
- ☐ Reading distance range: model BM03> 3 metre

1.2. Applications

- ☐ Logistics and warehouse management: goods flow, warehouse management and the flowing management of mail, parcels and luggage
- ☐ Intelligent parking management: parking management and automatic charges
- ☐ Productive lines management: production process fixed identify
- ☐ Product counterfeit-proof inspection: using memory's write-protect functions inside tags and identifying with true-false of products
- ☐ Other fields: used widely in club management, libraries, students schools, consumption management, time management, dinner management and pool management

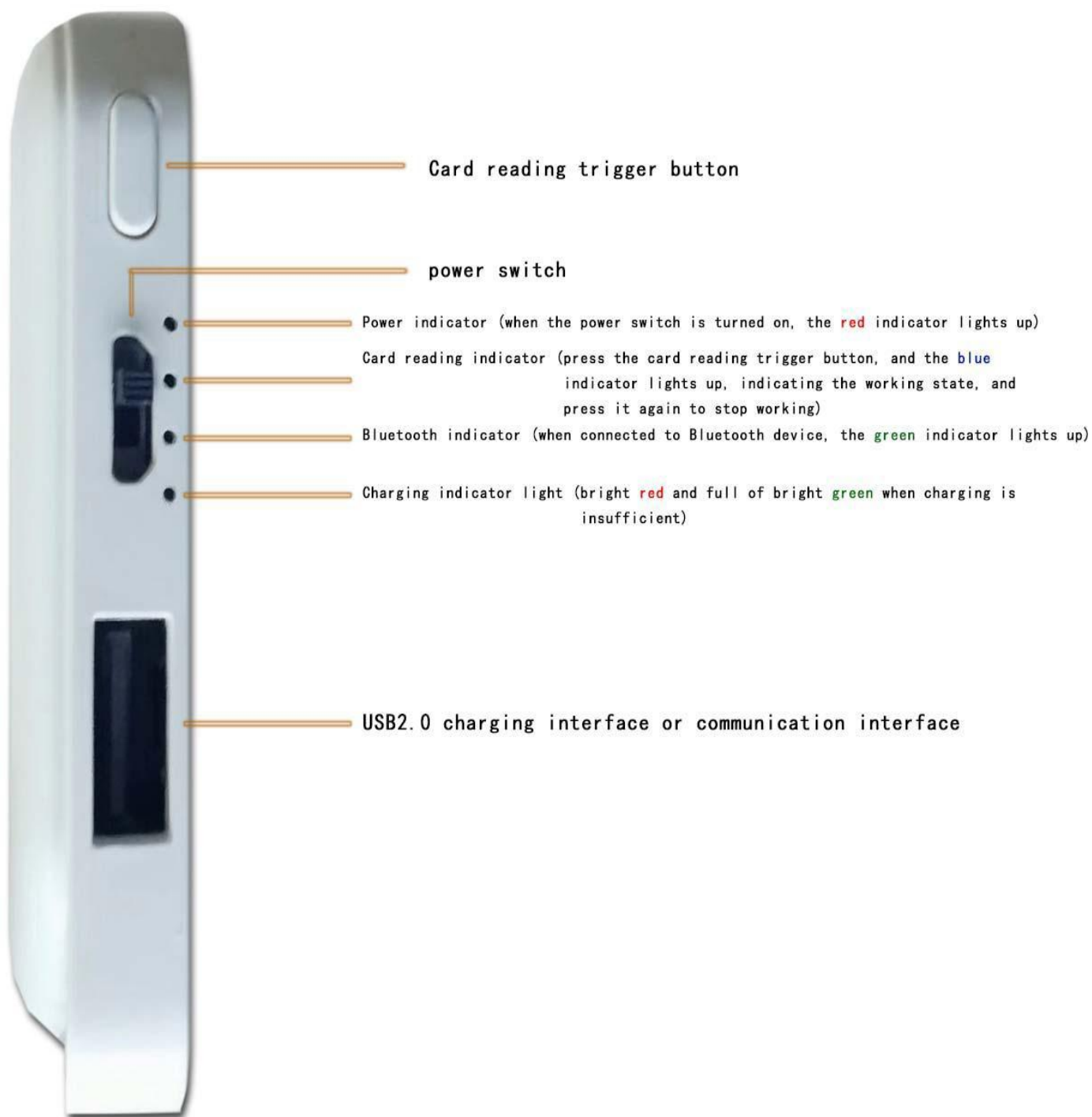
2. Specifications

2.1. Model: SR200



3. connection diagram





4. Software operation

4.1. Download address



<http://www.yanzeo.com>

NOTE:

- ① At present, the software only supports WINDOWS and Android.
- ② When setting software parameters, do not place RFID tags within the equipment identification range, otherwise the setting will fail.
- ③ Use keyboard to output rfid tag numbertype reference: for example

The same number of different forms of expression:

Decimal number (Dec) =123456

Hexadecimal number (Hex)=1E240

Weigand number =001, 57920 (Break the hexadecimal value 1E240 into decimal numbers 001, 57920)

If the output length is not enough, it can be set by adding 0 in front..

4.2. Operating instructions

There are two ways to connect devices: USB connection --- Bluetooth connection

4.2.1. USB connection

Refer to the "USB Desktop Reader manuals.PDF" document.

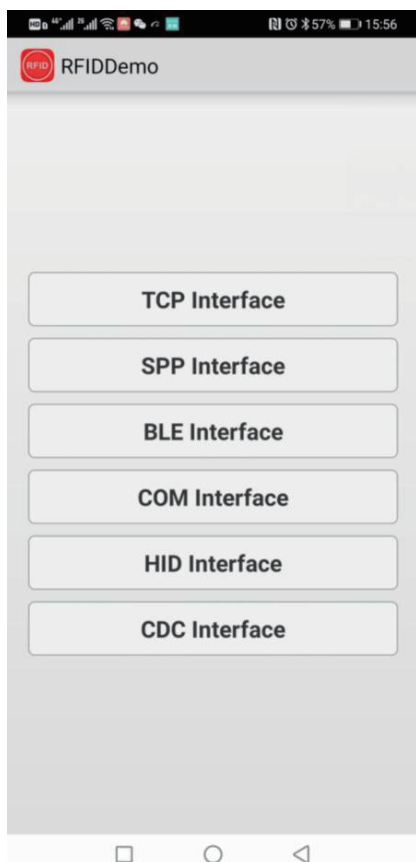
4.2.2. Bluetooth connection

from www.yazneo.com Download the installation program

The demo program only supports windows operating system and Android operating system.

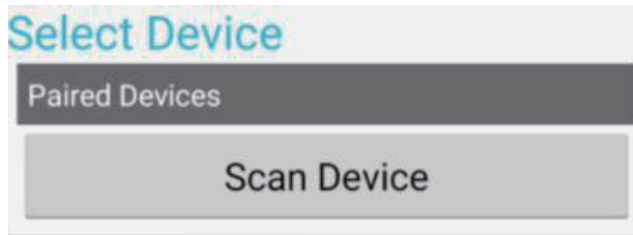
We mainly talk about the Bluetooth connection of Android operating system. For the Bluetooth connection under Windows operating system, please refer to the serial port connection in the document "Access Card Reader manuals.PDF" (the Bluetooth device in the computer is virtual as a serial port).

1. After the Android system has installed the demo software, click the icon  and the following dialog box will pop up.

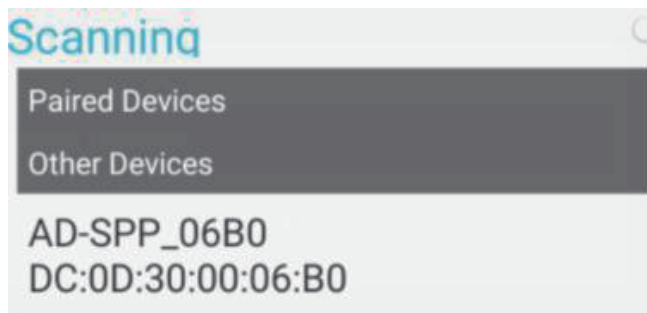


2. There are many ways to connect, we can choose Bluetooth spp connection. First, turn on the power

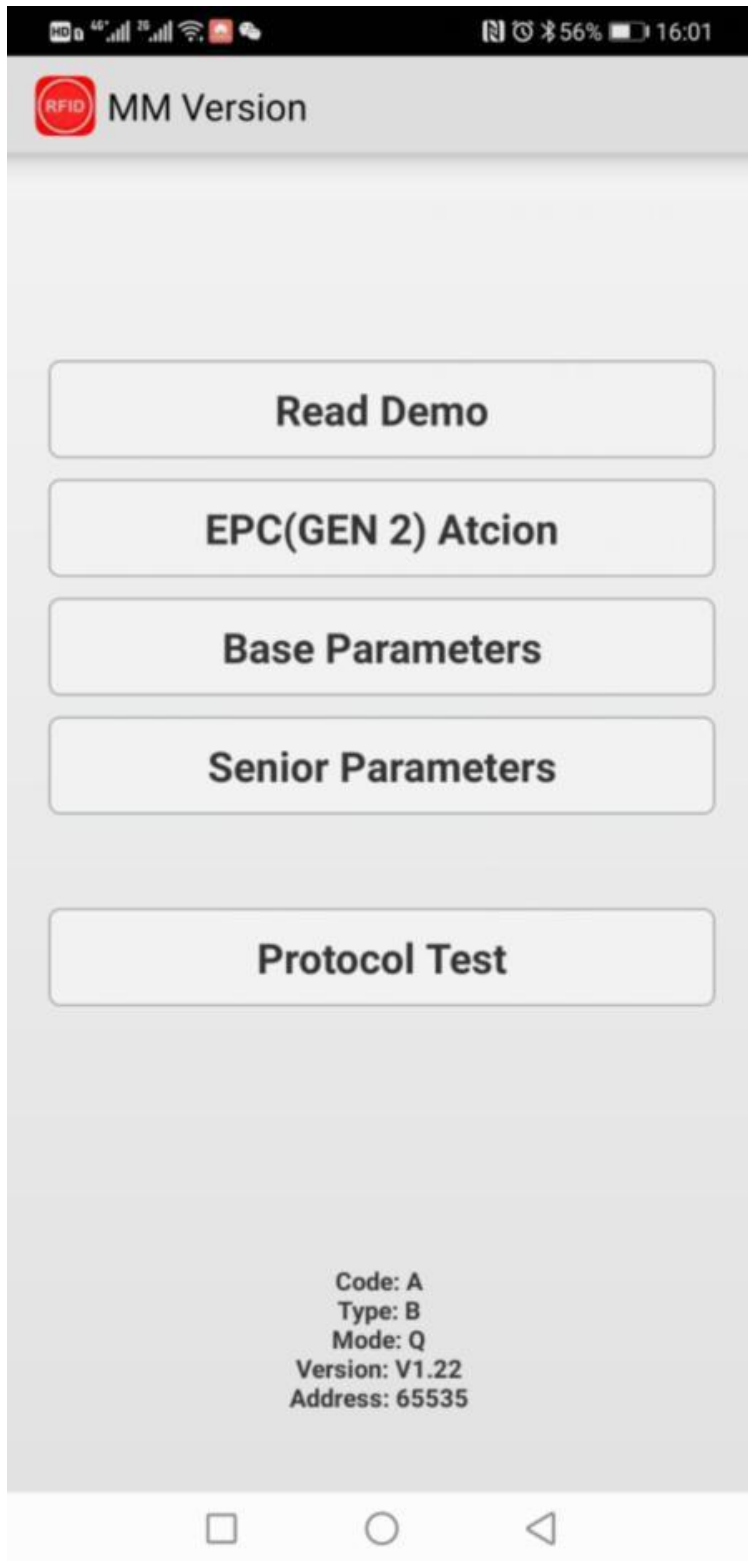
switch of SR200 card reader, and the red indicator light will be on. Then, click the "SPP Interface" button, and the following dialog box will pop up:



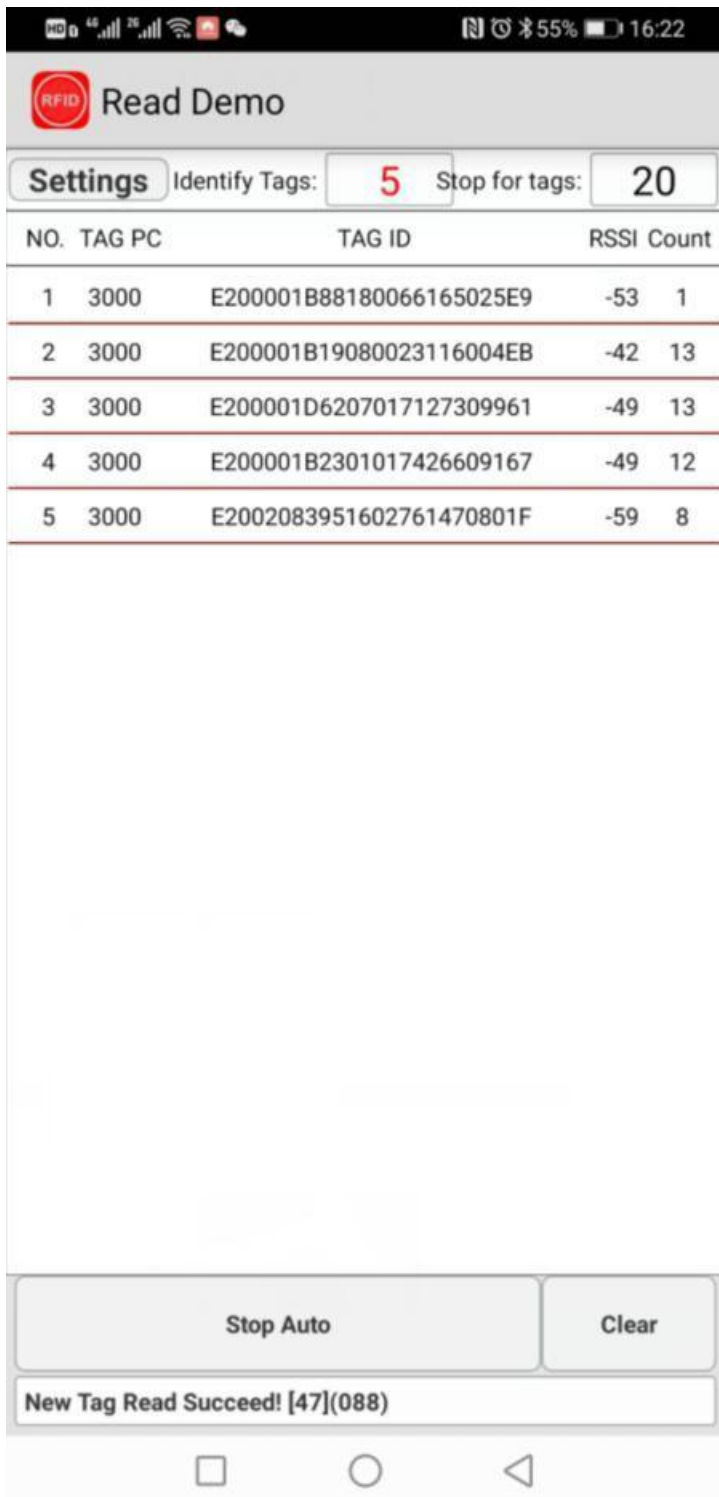
Click the "Scan device" button to search for Bluetooth devices, as shown in the figure:



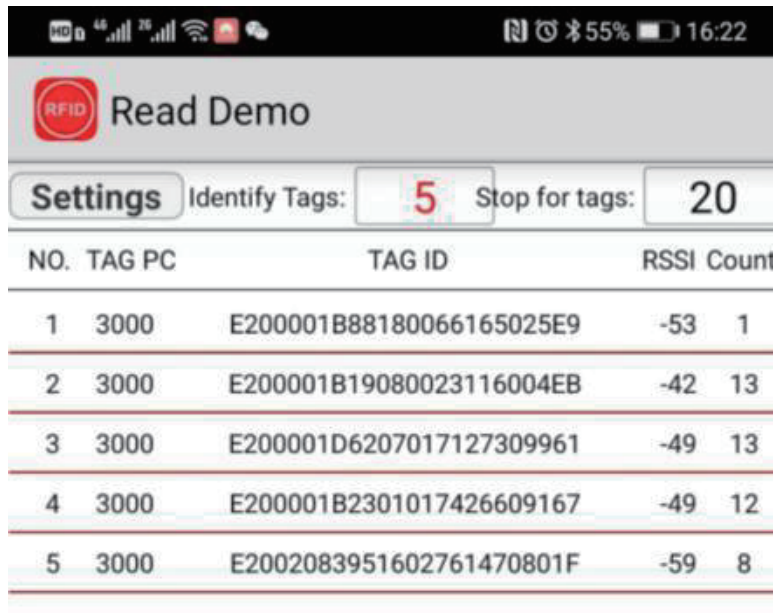
3. Select the corresponding device to enter pairing. The default password is "0000". After successful pairing, the green light will light up, and then click the "connect reader" button to enter the reader operation interface and operate the reader. As shown in the figure:



4. Click the "Read Demo" button, as shown in the figure:

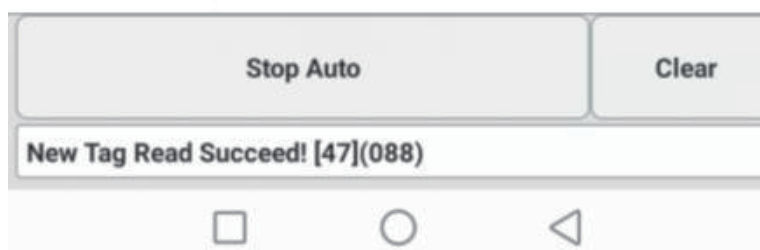


5. Press the trigger switch on SR200 card reader device, and the blue indicator light on the card reader lights up, indicating normal card reading status. Press the trigger switch again, The blue indicator light goes out, indicating that the card reading is stopped. When the blue indicator light is on, you can read the card by clicking the "Start Auto" button. As shown in figure:



The screenshot shows the 'Read Demo' app interface. At the top, there's a status bar with signal strength, 4G, 75% battery, and 16:22. Below the status bar is a header with an RFID icon and the title 'Read Demo'. Under the header, there are two input fields: 'Identify Tags:' with the value '5' and 'Stop for tags:' with the value '20'. Below these fields is a table with the following data:

NO.	TAG PC	TAG ID	RSSI	Count
1	3000	E200001B88180066165025E9	-53	1
2	3000	E200001B19080023116004EB	-42	13
3	3000	E200001D6207017127309961	-49	13
4	3000	E200001B2301017426609167	-49	12
5	3000	E2002083951602761470801F	-59	8



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