

1 Overview

R95C card reader is a 13.56MHZ driverless IC card reader button reader with line and machine. In the process of use, you can dial in and out (plug and play) at will, without external power supply, the user does not need to load any driver, can read out the serial number in the RFID card and output it to the computer through the data interface, which is equivalent to automatic keyboard input.

2 Product Parameters

project	parameter	project	parameter
Operating frequency band	13.56MHZ	The type of card read	MF\550\570 and other 14443A protocol tags
Weight	220G	Size	133mm×80mm×16mm
The data cable is long	1.5M	Color (optional)	Black or white
Reading distance	0~80mm	The time of the card reading	<100mS
Card reading speed	0.2S	Reading spacing	0.5S
Communication interface	USB	Operating temperature	-20℃—70℃
Operating voltage	5V	Operating current	100mA
operating system	Win XP\Win CE\Win 7\Win 10\LIUNIX\Vista\Android		
other	Status indicator: 2 color LEDs ("red" power LED, "green" status indicator) Built-in horn: buzzer, can control LED and buzzer Output format: users can set by themselves, please refer to our company's "DIP switch manual" for details.		

3 How to use and precautions

3.1 Usage

- ◆ Connect the USB port of the card reader cable to the USB port of the device (or computer), and the card reader indicator is "red", indicating that the card reader has entered the state of waiting for card swiping.
- ◆ **Test the card reader reading label method: open the computer's output software (such as: notepad\WORD\EXCEL and other editors), close the card to the card reader, when the red light turns to green and flashes again and then turns red, the card number is displayed at the mouse cursor.**

3.2 How to detect the card reader connected to the computer

The card reader enters the swipe state, open the computer's "Device Manager", check whether the human input device appears in the options menu, if it does, it means that the device has been successfully connected to the computer.

3.3 Precautions and Easy Troubleshooting

- If the data cable is directly inserted into the charging plug, the card reading will not be successful.
- There are many factors that affect the reading distance, due to the use of different protocols, different antenna designs, the surrounding environment (mainly metal objects) and different cards, etc., will affect the actual reading distance.
- If the card reader reads the card too long, it will cause the card to be unstable or fail, so avoid reading the card in a critical state (just the distance that can read the card). Two card readers that are too close together at the same time can also interfere with each other.
- The way to read the card, it is recommended to use the card to face the card reader naturally close, and the card reading method of quickly swiping from the side is not advisable, and the success of the card is not guaranteed.
- When swiping the card, it is recommended not to operate the mouse to avoid errors in transmitting data.
- The length of the communication cable between the reader and the computer should be less than 15 meters.
- **No response when swiping the card:** whether the interface is plugged in, whether the RF card is the corresponding RFID card, whether the RF card is broken, and whether there is another RF card within the reading range.
- **Error in forwarding data:** whether the mouse is operated when swiping the card, whether the card is read in an environment with strong electromagnetic field interference, whether the communication cable between the card reader and the computer is too long, and whether the card is read in a critical state.

4 Applications

It is mainly used in member consumption management system, payment platform, fast food restaurant ordering system, office, shopping mall and other fields.

5 Product Images

