# ANIMAL IMPLANTABLE CHIP HANDHELD READER USER MANUAL

## MODEL: RBC-S5100

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## Product introduction

RBC-S5100 is an electronic chip reader launched by our company for the majority of pet customers. It is easy to operate, and has multiple operating languages. It can be directly charged by USB data cable. It can identify the labels of FDX-B and FDX-A. The built-in battery is used. It is 1400MA, which can read HDX and em4102 and em4305 and other low-frequency electronic chips. It is a very cost-effective product .

## S5100 specifications

1. Comply with ISO 11784 / 85 and 14223 standards.

2. size: length 15 cm, width 8 cm, thickness 3.5 cm, weight: 150 g

3. power: built-in rechargeable battery 1400Ma

4. 2 × 12mm fdxA glass label scanning distance 9cm

   2×12mm fdxb glass label scanning distance 9cm

5. read HDX and em4102 chip

6. using USB data cable

7. storage temperature: 10 ° + 60 °

8. operating temperature: 5 ° + 40

9. Certification: CE and FCC

1.  S5100 has a total of four buttons.
A round button is the power switch. And three central control buttons.

2. The upper button (2) and the lower button (3) are used for scrolling (up and down scrolling) to display various functions of the S5100.
The central "confirm" button (4) is the option for the operator to select to confirm  the browse function selection menu.

3. There is a USB port on the left side of the S5100 for:
(1), charging via USB data cable
(2), export the data in S5100

4. The OLED display can display four lines of data with a total of 16 characters.

**S5100 settings**

1. After pressing 1 to boot, "Read" and the upward arrow will be displayed.
2. Language setting: Press button 2 to display the "Language" menu. The S5100 defaults to English. Select the language menu, press 3 to scroll down the menu to know the desired language, press 4 to select to confirm.
Then the following information will be displayed for 4 seconds:
English
Ok
Then the S5100 will display:
SCAN
Language options include: English, French, Spanish, Portuguese, Italian, German, and Polish

**Instructions for use:**

First, open the S5100
When the S5100 is in the off state, press the small round button on the upper left side of the S5100 to power on.
Second, display the menu after booting
1.SCAN (scan)
Press the "Verify" button on the 4th to activate the chip search within 20 seconds.
2.Reading (read)
The operator is scanning the S5100 near the area with the chip
There will be two situations:
(1) When the chip is detected, the S5100 emits a "beep" and displays the detected chip number. As follows:
    FDXB
939 274877906744
The chip in this case is of the ISO FDX-B type.
The chip number is generally divided into 15 digits (FDX-B) and 10 digits (FDX-A).
After the chip number is displayed for 1 minute, the S5100 will automatically shut down.
Please note: Turning off the S5100 causes the displayed chip number to be deleted from memory.
(2) No transponder is detected. (No chip detected)
If the chip is not detected after 20 seconds, the S5100 will make 3 beeps and display:
    No transponder found ! (no chip found)
This message was deleted after about 15 seconds. The S5100 will display:
    SCAN (scan)
To save battery power, the S5100 will automatically shut down after 1 minute.

In this case (in the case where the chip cannot be detected), it is recommended that you try again 2 to 3 times.

Expand the detection range of the area where the implanted chip is located.

The above reading scanning process is restarted each time the button 4 is continued.

3, battery charging

This S5100 uses a lithium-ion battery. This battery can perform thousands of reading scan operations.

The S5100 can be charged by connecting a USB port.

When the 5th LED is red, it indicates that it is charging. When the 5th LED is green, it indicates that it is full.

The life of the battery is not only the way it is used, but the environment in which the S5100 is placed also affects it.

The indicator in the upper right corner of the display (Figure 6) shows the battery level.

When the battery is low, the reading will display the following words:

   Low battery

After the display is low, you can perform up to about ten reading scans, and it will automatically shut down (it cannot be turned on again before charging).

Replace the battery and open the battery compartment on the back of the S5100. It must use the original battery. (Please consult your dealer)