

# Animal Tag LF RFID Handheld Reader Manual



## Reader Introduction

LDI-A06 is an RFID chip reader designed for animal ear tag. It is easy to operate, has multiple operating languages, can be charged directly with a USB data cable, and can recognize FDX-B and FDX-A and HDX tags. The built-in battery uses 1400mAh and can read various low-frequency rfid chips such as HDX, EM4102, and EM4305. It is a cost-effective product.

## Reader operation instructions

1. LDI-A06 has four buttons in total.

A circular button is a power switch. And three central control buttons.

2. The upper button (2) and lower button (3) are used to scroll (up and down) through the various functions of the LDI-A06 display.

The "Confirm" button (4) in the center is used by the operator to select options when selecting the confirmation browsing function menu.

3. On the left side of LDI-A06, there is a USB port for:

- (1) Charging via USB data cable
- (2) Export data from LDI-A06

4. The OLED display can display four lines of data totaling 16 characters.

## LDI-A06 Settings

1. After pressing "1" to turn on the device, it will display "Read" and an upward arrow

2. Language setting: Press button "2" to display the "Language" menu.

LDI-A06 defaults to English. Select the language menu, press "3" to scroll down the menu until it displays  
Select the required language and confirm by pressing "4".

The following information will be displayed for 4 seconds:

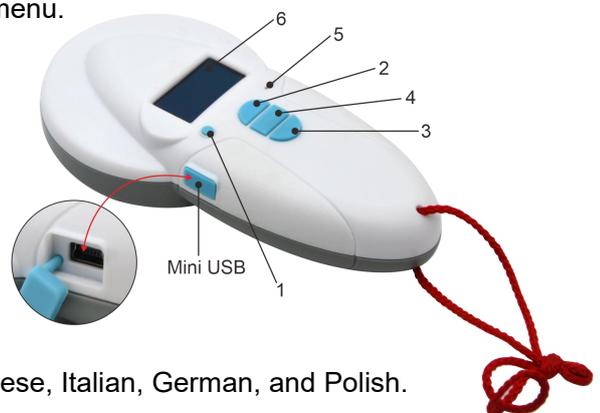
English

Ok

Then S5100 will display:

SCAH

The language options include: English, French, Spanish, Portuguese, Italian, German, and Polish.



## Instructions for use:

1. Activate LDI-A06

2. When LDI-A06 is in the shut down state, press the small circular button in the upper left corner of LDI-A06 to turn it on.

3. Display menu after startup

4. SCAN

Press the "Verify" button "4" to activate chip search within 20 seconds.

5. Reading

The operator needs to scan the LDI-A06 near the area with chips above.

**There are two situations when the operator scans the LDI-A06 near the area with chips:**

(1) Detected chip, LDI-A06 emits a "beep sound" and displays the detected chip number. As shown below:

FDX-B

939 274877906744

The chip in this case is of the FDX-B type.

Chip numbers are generally divided into 15 digit numbers (FDX-B) and 10 digit numbers (FDX-A).

After the chip number is displayed for 1 minute, LDI-A06 will automatically shut down.

(2). In this situation (where the chip cannot be detected), it is recommended that you try conducting 2 to 3 more tests to expand the detection range of the area where the implanted chip is located.

Every time button "4" is pressed, the above reading and scanning process will restart.

(3). Battery charging

This LDI-A06 uses lithium-ion batteries. This battery can perform thousands of reading and scanning operations.

**LDI-A06 can be charged by connecting to a USB port.**

When the 5th LED indicator light is red, it indicates that it is charging, and when the 5th LED indicator light is green, it indicates that it is fully charged. The lifespan of a battery is not only determined by its usage, but also by the environment in which the LDI-A06 is placed. The indicator in the upper right corner of the display screen (as shown in Figure 6) displays the battery level. When the battery is low, the reading will display the following message:

After displaying low battery, there can be up to about ten reading scans, and it will automatically shut down (cannot be turned on again before charging). Replace the battery and open the battery compartment underneath the back of the LDI-A06. It must use original batteries (Please consult your dealer).

**LDI-A06 specifications:**

1. Compliant with ISO11784/85 standards.
2. Size: 155\*82\*33mm(L\*W\*H), Weight: 155g.
3. Power supply: Built in rechargeable battery 1400mAh.
4. 2\*12MM FDX-A glass tag scanning distance 9cm.
5. Read HDFX and EM4305 chips.
6. Use USB data cable.
7. Storage temperature: -30°C ~ +70°C
8. Operating temperature: -10°C ~ +50°C