Smart Identify
Smart choice you choose

Low Frequency

134.2 KHz.

Introduction

SID-HH-L-01 is a low frequency tag reader that using wireless identification technology and it support reading FDX-B(ISO11784/85) tag.

SID-HH-L-01 using high brightness OLED display screen, and can be seen clearly inside the house or under the strong light outside. It can store up to 20000 tag information with its built-in memory, users can send the information to the computer through USB cable or wireless connection to manage data.

This product is stable and easy to use, it can be used for animal management, resource management railway inspection etc.

Performance Parameter

Frequency	134.2Khz/
Tag format	FDX-B(ISO11784/85)
Reading/writing disatnce	2*12mm glass tag>15cm 30mm ear tag>25cm
Reading access time	<100ms
Signal indicator	128*64 high brightness OLED、 buzzer
Power	3.7V(3 AA batteries)
Power consumption	Working:0.9W Standby:0.04W
Storage capacity	20000information(tag coding+time)
Storage time	>20 years
Communication Port	USB2.0,wireless USB HID(optional), Bluetooth(optional)
Weight	350g (without battery)
Language	Chinese,English (Can be customized to your requirement)
Work temperature	-10℃～50℃
Storage temperature	-30℃～70℃

Function and operation introduction

1) Display screen introduction

The reader can display e-tag information, time communication mode and storage mode simultaneously with a 128*64 high brightness OLED display. Display screen is shown as image 1.
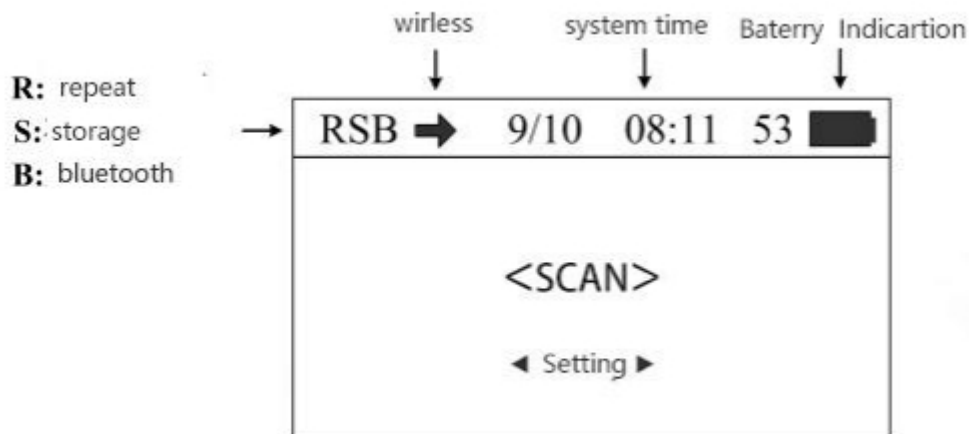

Image 1 Display screen

2) Basic Operation

- Power on

Press and hold the "SCAN" key for 2 seconds in power off mode to power on and enter the main display screen

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- Scanning tag

Press "scan" key in main display screen, then the screen will display "scanning" and start scanning tag. The buzzer will ring once after reading the tag current tag information will appear on the screen at the same time. The buzzer will ring once and the screen will display "NO tag found" it there's no tag information to be scaned in 10 seconds
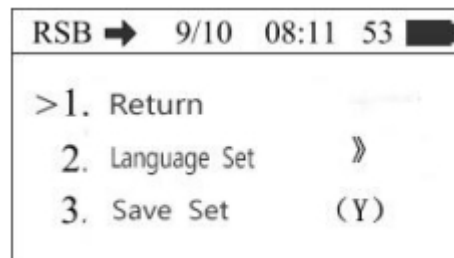
- Data viewing

Press '<' / '>' key in the main screen to view tag information and time

- Turn off automatically

In power on mode, the system will enter standby mode automatically if there's no operation or data transmission within 30 seconds.

3) System setting

Press and hold "SCAN" key in power on mode to enter setting
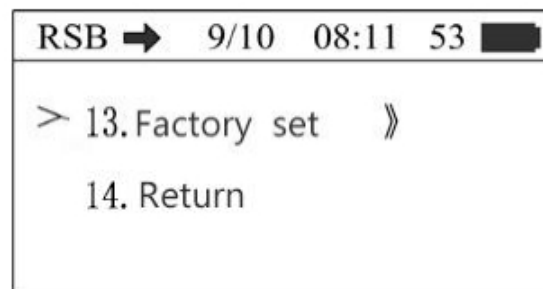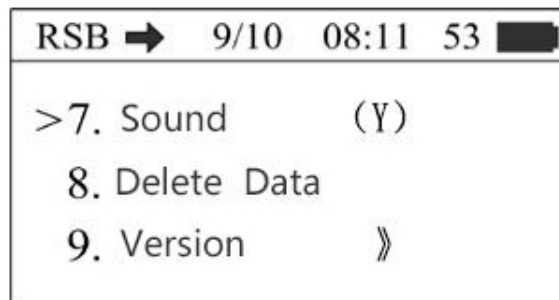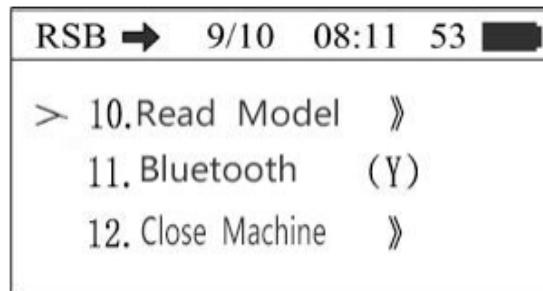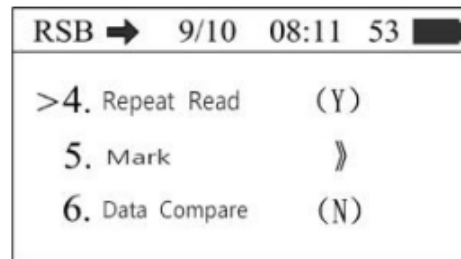
mode, the screen will be shown as below.

```
RSB ➡   9/10   08:11   53 ■

> 1. Return
  2. Language Set        »
  3. Save Set           (Y)
```

```
RSB ➡  9/10  08:11  53  ▮

>4. Repeat Read      (Y)
 5. Mark             》
 6. Data Compare     (N)
```

```
RSB ➡  9/10  08:11  53  ▮

> 10.Read Model      》
  11. Bluetooth      (Y)
  12. Close Machine  》
```

```
RSB ➡  9/10  08:11  53  ▮

>7. Sound            (Y)
 8. Delete Data
 9. Version          》
```

```
RSB ➡  9/10  08:11  53  ▮

> 13. Factory set    》
  14. Return
```

Image 2 Setting mode screen

In setting mode, press '<'/'>' key to select different function settings

4) Save set

"save set" menu is used to select whether to store tag

information, "Y" is storage mode, "N" is non-storage mode.

Press "SCAN" key to switch between "Y" and "N" when the cursor is moved to the "Save set" menu.

(Note : The reader will store will store tag information and operation time when the storage mode is set to "Y" , the reader will not store tag information and time if the storage mode is set to "N".)

5) Repeat read

"repeat read" menu is used to set whether to compare the tag

operation time when the storage mode is set to "Y" , the reader will not store tag information and time if the storage mode is set to "N".)

Move the cursor to "repeat read" menu, press "SCAN" to switch between "Y" and "N".

(Note : The reader will compare the data after reading tag information when the repeat read is set to "Y", the buzzer will ring twice if the current tag information has been stored, users can select whether to store current tag information by themselves. The reader will not compare the data when the query mode is set to "N".)

6) Wireless data transmission setting

"Bluetooth" menu is used to set wireless data transmission function of this reader, "Y" means to turn on Bluetooth data transmission function, "N" means turn off Bluetooth transmission function,

Move the cursor to "Bluetooth" menu, press "SCAN" key to switch "Y" and "N".

(Note : The reader will send the tag information to the receiver after reading it if the wireless communication mode is set to "Y", the reader will not send the tag information if the wireless communication is set to "N".)

7) Viewing version information

"version" menu is used to view the reader's version information. Move the cursor to "version" menu, press "SCAN" key to display the reader's version and the other information, press "SCAN" again to exit.

8) Return

In return mode, press "<"/">" key to move the cursor to "Home" menu, press "SCAN" key to exit setting mode.