

User Manual



1.Product Overview

The handheld adopts RFID wireless reading method and supports EMID, FDX-B (ISO11784/85) and other formats of electronic tags.

The product adopts high brightness OLED display, in indoor or outdoor bright light conditions can also be clearly displayed, the device comes with LED lights, reading label stage will automatically light up, convenient for users to view the label ID, can store 1024 label information, the user can be stored through the TYPE-C cable, Bluetooth will be stored in the information transferred to a computer or mobile phone and other terminals for data management, support for data export and modification.
Device Configuration.

With stable performance and simple operation, the product is suitable for small animal management, traceability management, pet hospitals and other fields.

2.Parameters

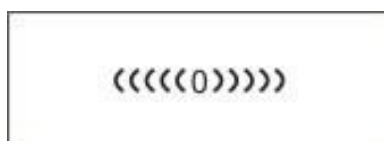
Operating frequency	134.2KHz, 125KHz
Support label	FDX-B、EMID（ISO11784/85）
Read distance	FDX-B: 2.12*12mm glass tube labels >5cm FDX-B: 30mm ear tag >15cm EMID: 85*55mm card >10cm (Device read range is related to tag performance and operating environment)
Reading time	<100ms
Signal indication	0.91" High Brightness OLED, Buzzer, LEDs
Communications interface	Type-c, Bluetooth 4.0
Electricity supply	3.7V (lithium battery)
Storage Quantity	1024 data
Charging	Type-C
Certification	CE、FCC
Operating temperature	-10℃～50℃
Support Language	English
Weight	145g (including packaging)

Device Size	18*8.75*1.9cm
Packaging size	19.7*10.7*3.5cm

3.Operating instructions

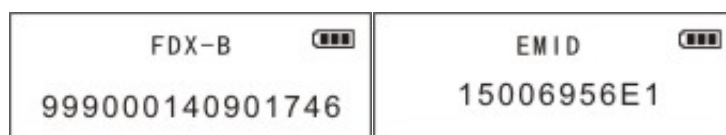
(1)Power on and card reading

Click the button to switch on and scan the label screen.



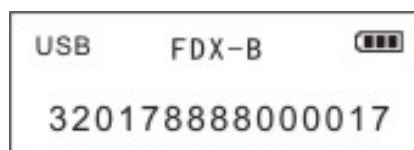
(2)Tag scanning

Scanning and displaying FDX-B and EMID tags and tag numbers in the sensing area, no tags are scanned and the message "NO tag" is displayed after 10 seconds.



(3)The device can upload data in real time via USB

After the Type-c cable is connected to the computer, the "USB" symbol will appear in the upper left corner of the OLED and display the charging status.



Press and hold the button for 3 seconds to upload the data stored in the device, up to 1024 pieces of data, after successful upload, the interface will be as follows.



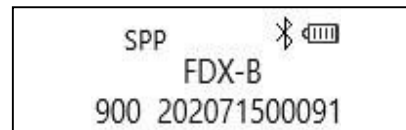
(4)Connecting Bluetooth

The top left corner of the OLED screen shows the current mode (HID or SPP) and the top right corner shows the current connection status of Bluetooth.

In analogue keyboard (HID) mode:Bluetooth name "200-HID".

In serial Bluetooth (SPP) mode:Bluetooth name "200-SPP".

Bluetooth pending connection,  symbol blinking ; When the Bluetooth connection is successful,  symbol long light.



(5)Auto-sleep

The device shuts down automatically after 120 seconds without any operation.

Notes:

【1】 Storage capacity supports up to 1024 data items.

【2】 Bluetooth is available in two versions, Analogue Keyboard (HID) mode and Serial Port Bluetooth (SPP) mode.

Imprint		
version number	storage capacity	Bluetooth mode
V1.01	1024	HID
V1.02	1024	SPP
V1.03	1024	HID/SPP
V1.04	1024	NO

4.PC software

Connect to PC via Type-c cable, open Tool software "Connect Device" and operate accordingly.

Language: support for Chinese and English interface switching

Query quantity: query device currently stores the number of read label data

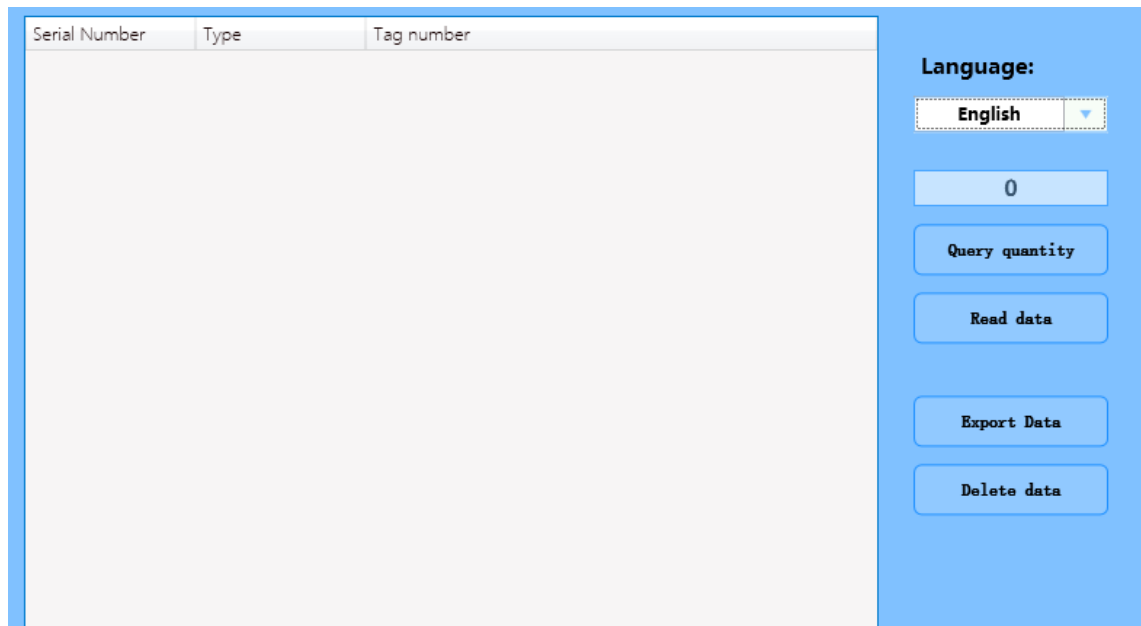
Read data: read the tag data read by the device, and displayed in the left blank area

Export data: export the data in the left area of the PC software to form an EXCEL table.

Delete data: Clear the data stored in the device

Bluetooth name: Custom editing and setting of Bluetooth name is available.

Display binary settings: FDX-B and EMID format according to different needs to custom set decimal and hexadecimal display



Name of the Bluetooth :

FDXB: ☒ Decimal ☐ Hexadecimal

EMID: ☒ Decimal ☐ Hexadecimal

reading

Settings