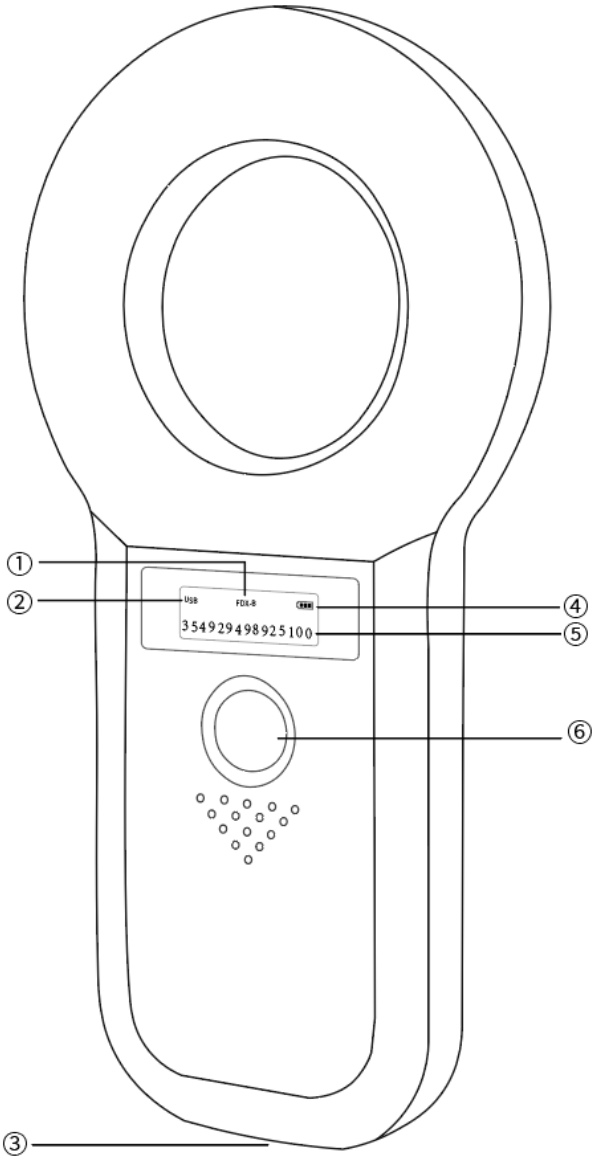
User Manual

Introduction

This is a low frequency tag scanner that adopt wireless identification technology and it suppors reading EMID, FDX-B(ISO11784/85) etc. tag.

This scanner uses high brightness OLED display which can be seen clearly in bright light environment. It can store max 128 records of tag information with its built-in memory, users can upload the information to the computer through USB cable. It can also be uploaded to the device in real time via wireless 2.4G or Bluetooth.

This product is stable with simple operation which is widely used for little animal management, resource management, railway inspection etc.



① Tag type

② USB connect

③ USB port

④ Battery status

⑤ Tag ID

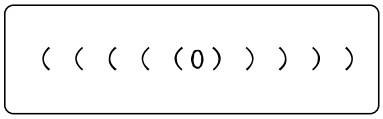
⑥ Scan button

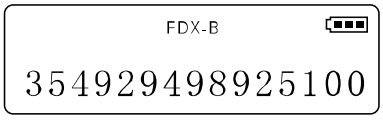
Parameter

PROJECT	PARAMETER
MODEL	W90B
WORKING FREQUENCY	134.2Khz/125Khz
SUPPORT TAG	EMID、FDX-B(ISO11784/85)
READING/ WRITING RANGE	2-12mm glass tube label ＞8cm 30mm animal ear mark ＞20cm (related to label performance)
STANDARD	ISO11784/85
READING TIME	＜100ms
PROMPT	0.91 "high brightness OLED screen, buzzer
POWER SUPPLY	3.7V (lithium battery)
MEMORY	128 pieces of information
COMMUNICATION	USB2.0,Wireless 2.4g, Bluetooth
LANGUAGE	English or customized
WORKING TEMP	-10℃~50℃
STORAGE TEMP	-30℃~70℃
PACKAGE SIZE	18.5cm×12cm×3cm
WEIGHT	120g

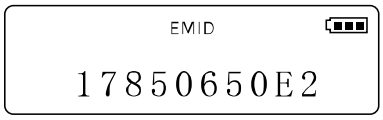
Operation

Turn on the device and scanning.
Press scan button to turn on the device and on scanning model

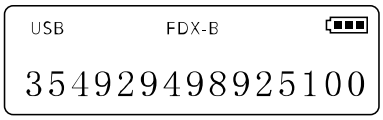




The tag NO. will be displayed on screen if detect a tag, display "No tag" if no tag is detected.



Device could be charged and uploaded data by USB cable.
When device is connected by USB," USB" will be displayed at top left corner, and on charging status for battery status.



The device is connected via wireless 2.4G, the tag data will be uploaded to the receiving device in real time, and the wireless connection symbol will be displayed in the upper right corner of the screen after inserting the receiver, as shown in the figure:

The device is connected via Bluetooth, and the tag data will be uploaded to the receiving device in real time. Find the device named SYC READER on the receiving end. After the connection is successful, the Bluetooth logo will appear in the upper right corner of the screen, as shown in the figure:

Press scann button for 3s, data will be uploaded from the scanner, MAX 128 records.
After uploading successfully, display as below

The data can be upload in real time if scanner is connected by USB cable when reading a tag.

Scanner will be off after 120s without working.