UHF Card Issuer

User Manual

About this manual

The products described in this manual are intended for sale and use in Chinese mainland only.

This manual is used as a guide. The photos, graphics, charts and illustrations provided in the manual are for explanation and illustration purposes only and may differ from the specific product. Due to product version upgrade or other needs, the company may update this manual, if you need the latest version of the manual, please log on to the company's official website to check (www.hikvision.com).

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Note	Provides additional information to emphasize or supplement important points of the main text.

Contents

Chapter 1 Introduction

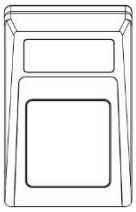
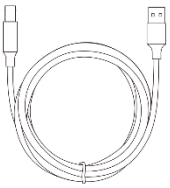
1.1 Product Introduction

This product has the characteristics of high receiving sensitivity, fast reading rate, multi-label reading, high cost performance, etc., and is widely used in tag data initialization, data query and modification, and label function test applications of RFID integrated system applications such as tobacco logistics, access control management system, production line management, product anti-counterfeiting detection, etc.

Figure 1-1 DS-TRD902-1 Issuer appearance

1.2 Packing List

Table 1-1 Packing List

No.	Diagram	Name	Quantity
1		UHF Desktop Card Issuer	1
1		USB2.0 Square Print Wire	1

Chapter 2 Wiring

2.1 USB connection

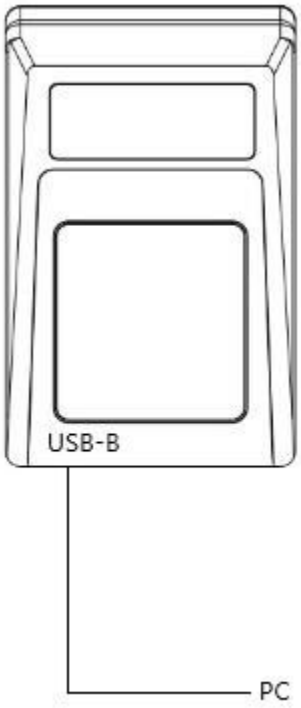


Figure 2-1 Connect to PC

Chapter 3 Configuration

3.1 USB driver installation

link: https://drive.ticklink.com/hcs/controller/hik-manage/fileDownload?link=xhsijLsN&
code: Elxg

Insert the square port (USB Type-B) of the USB cable into the reader, and the flat port (USB Type-A) into the USB port on the rear of the computer, and the power indicator of the reader will light up.

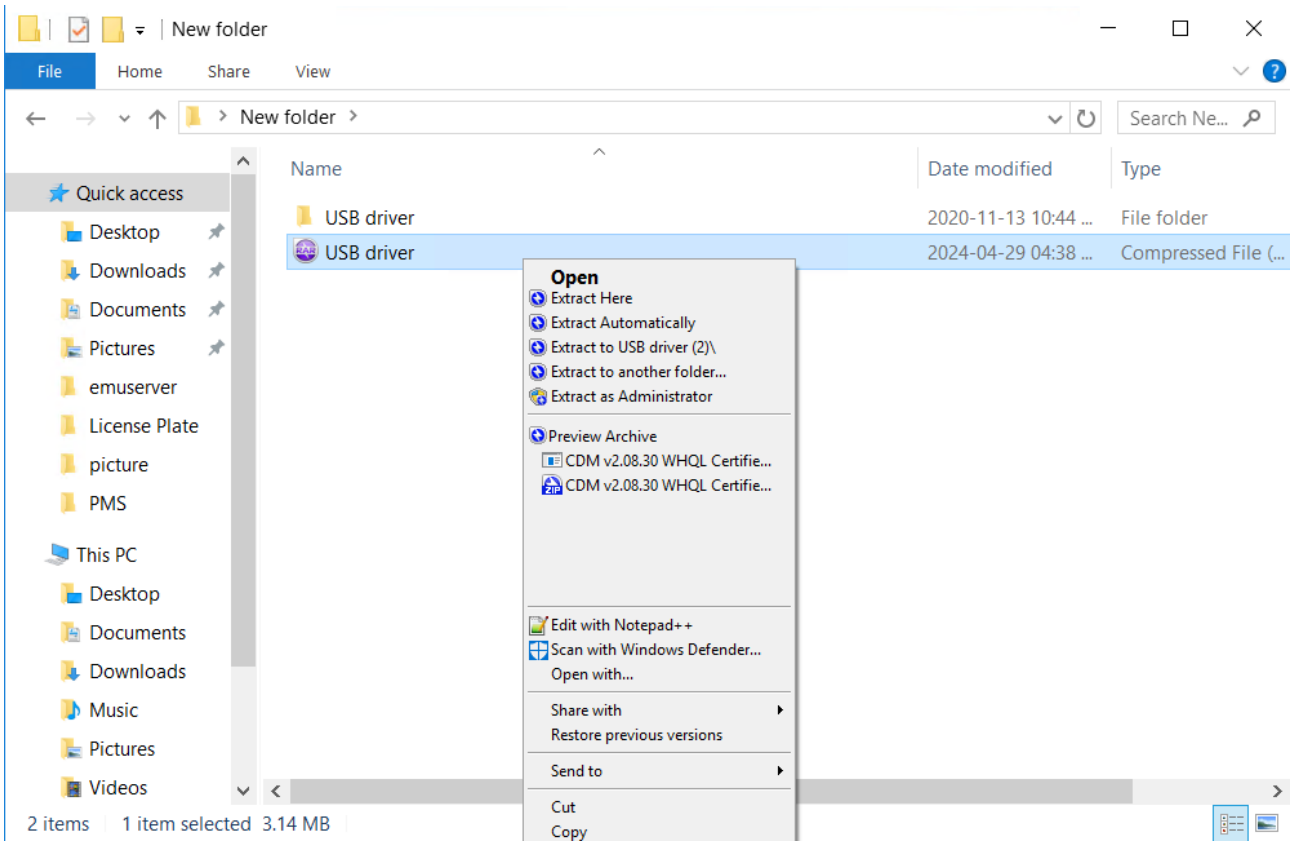


Figure 3-1 Extract the driver package

Right-click the CDM v2.08.30 WHQL Certified .exe program in the driver package directory, and select Run as Administrator (A) in the pop-up right-click menu.

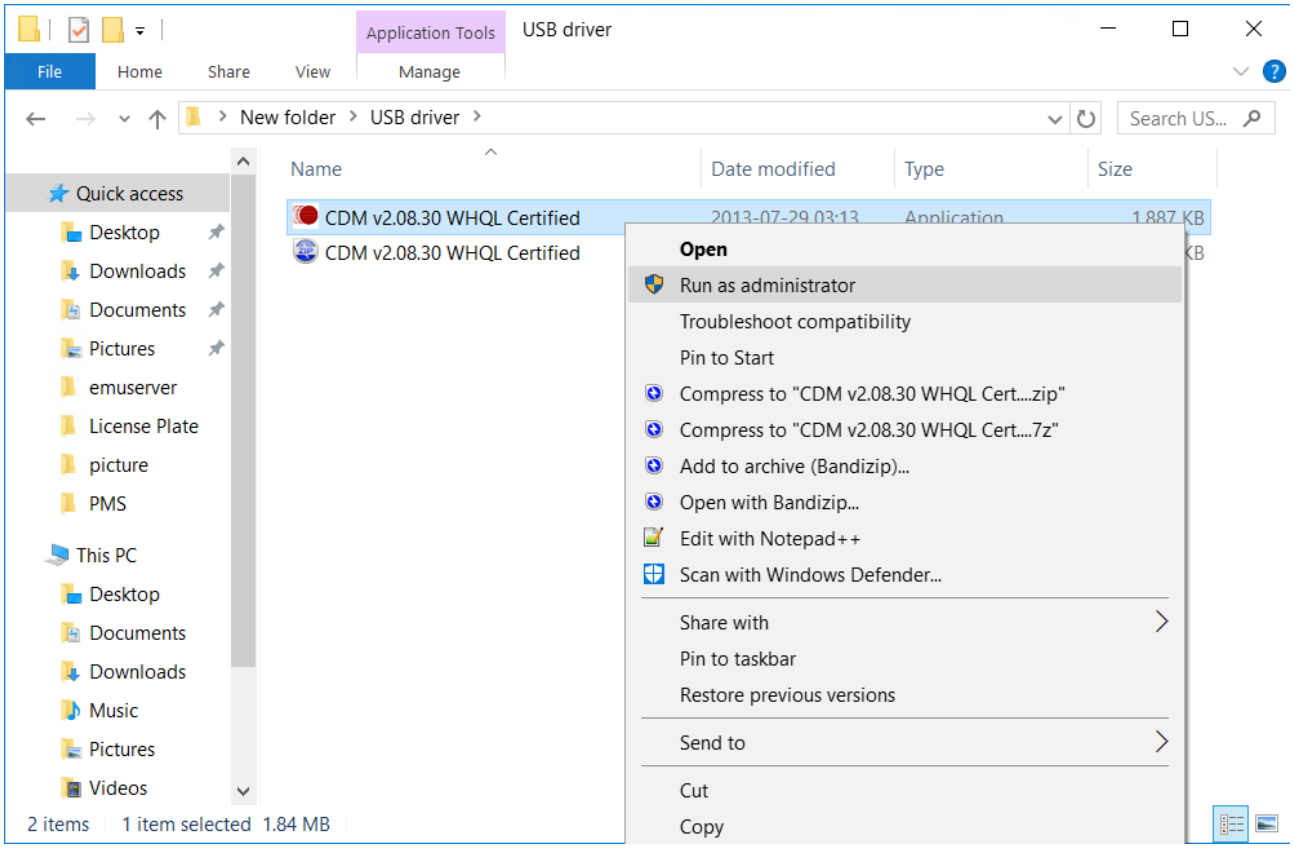


Figure 3-2 Run as administrator

Click [Extract] and wait for the progress bar to complete and the next installation window will pop up.

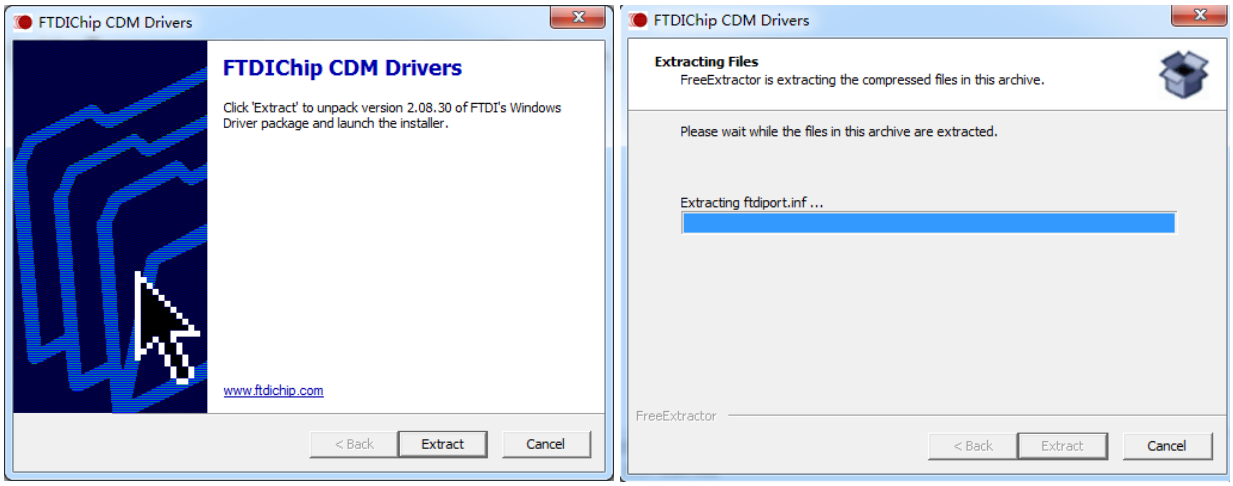


Figure 3-3 Install the driver

Click Next, and click Finish when the installation is complete

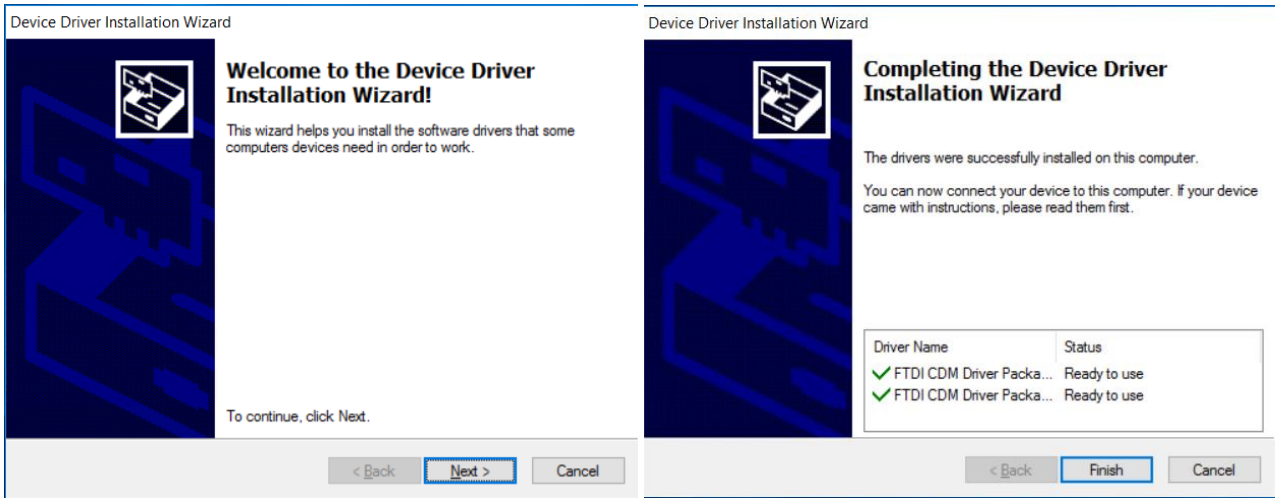


Figure 3-4 Finish the installation

3.2 iSmartTool Test Tool Description

3.2.1 Device connection

Click RF Reader (Server) in the upper right corner, and then click Device to switch to RFM. If the device mode is already RFM, there is no need to switch again.

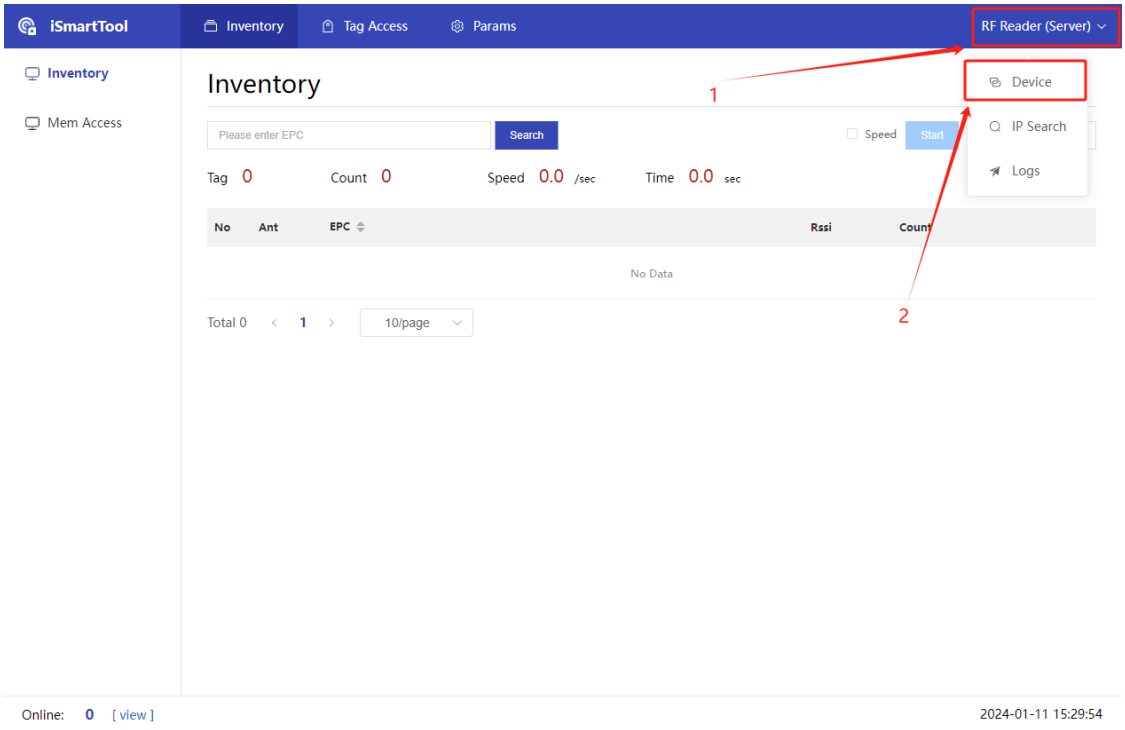


Figure 3-5 Add the device

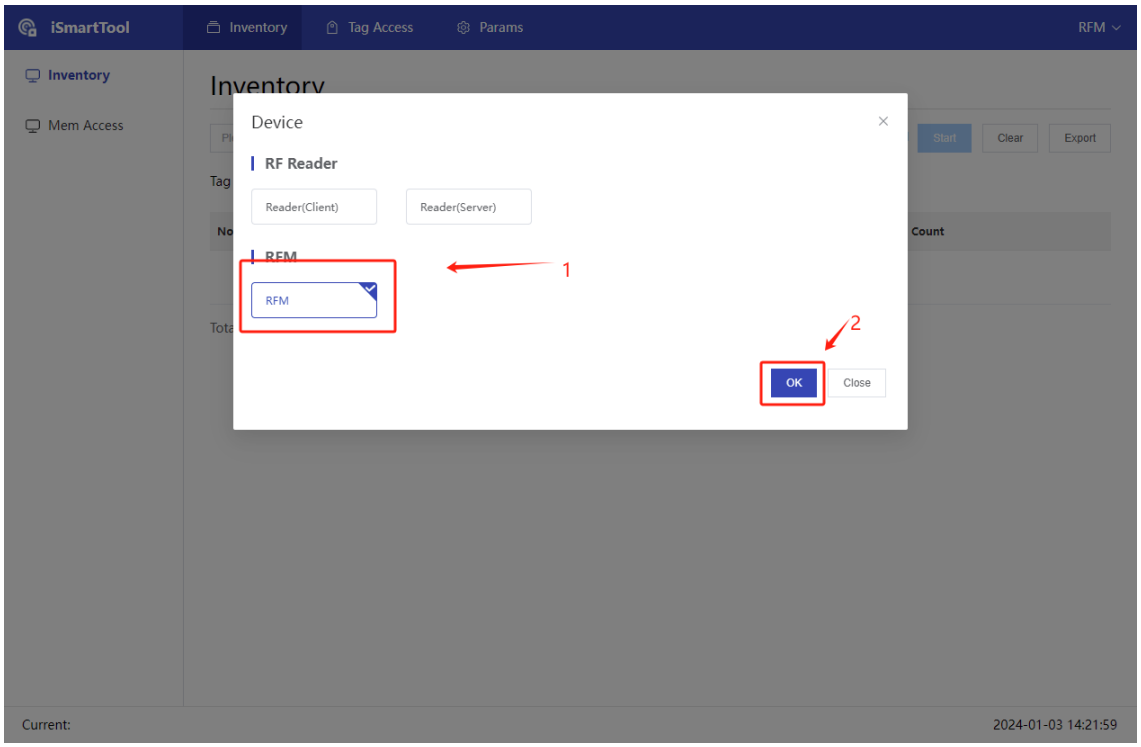


Figure 3-6 Choose the RFM mode

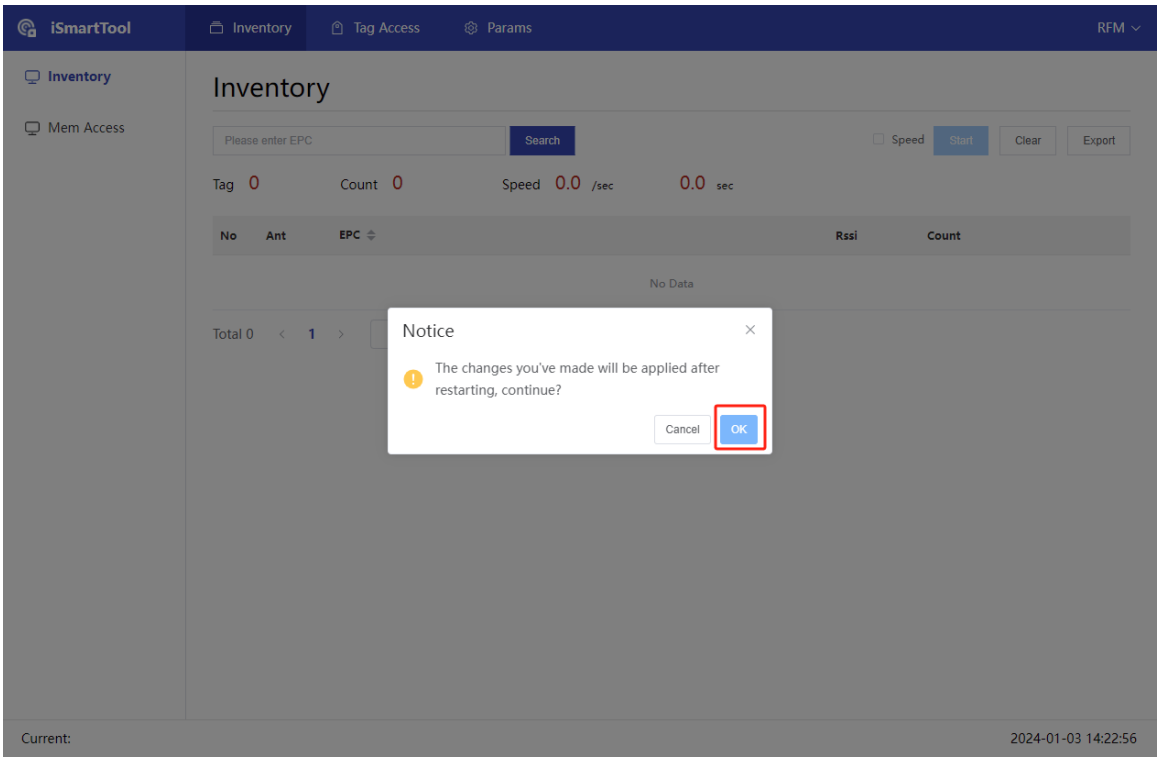


Figure 3-7 apply the changes

After clicking OK, iSmartTool will restart automatically, if the connection and version number are displayed in the bottom left corner, it means the connection is successful. If it is not connected, click Params→Misc, select the serial port as automatic (if the computer has several serial ports connected at the same time, it is not recommended to use automatic, please enter the specified serial port, and the baud rate is 115200)

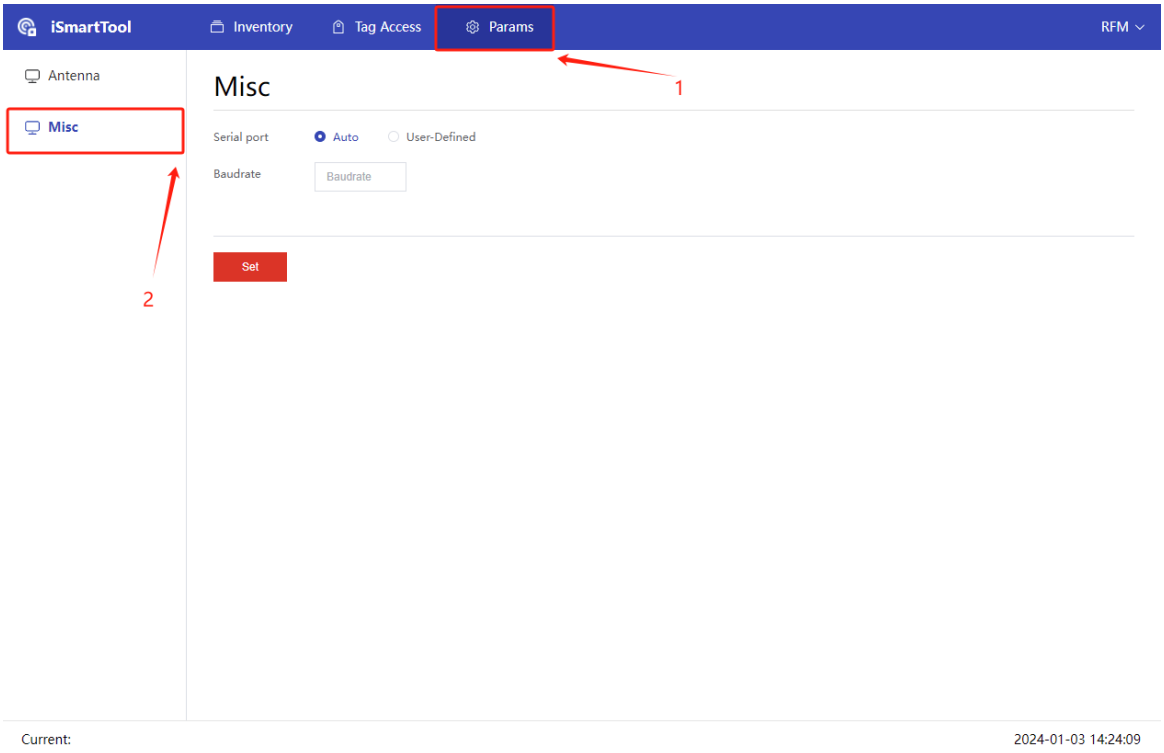


Figure 3-8 Configure the Misc

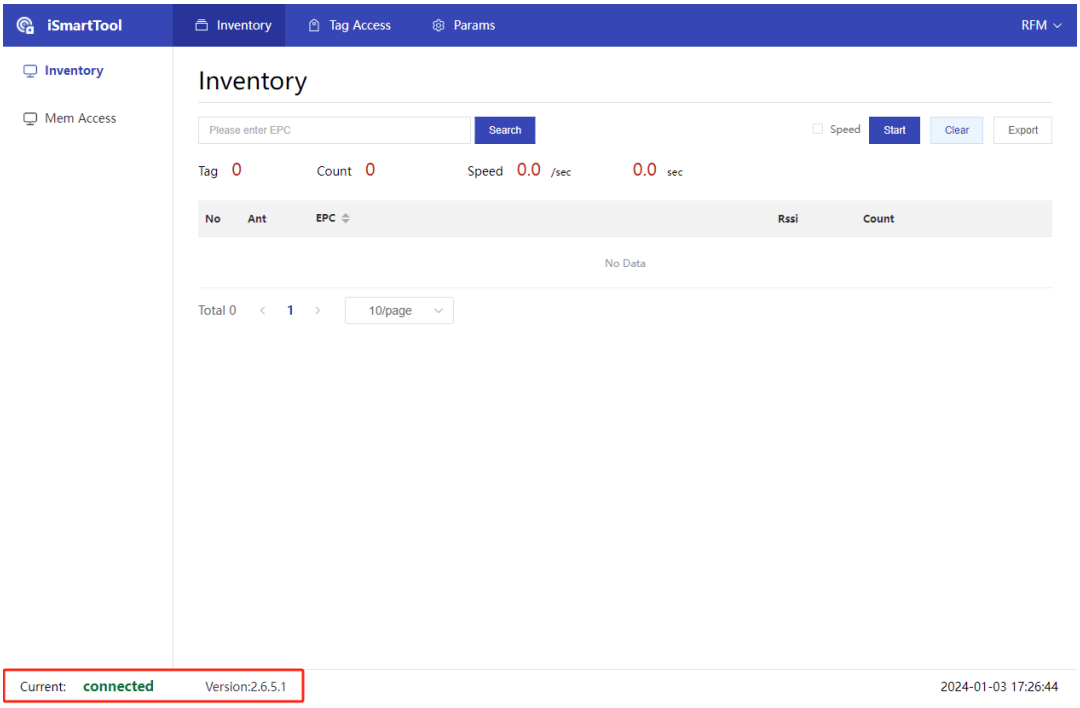


Figure 3-9 Device connected

3.2.2 Inventory

Click Start, and the RFM will start the inventory and report the labels.

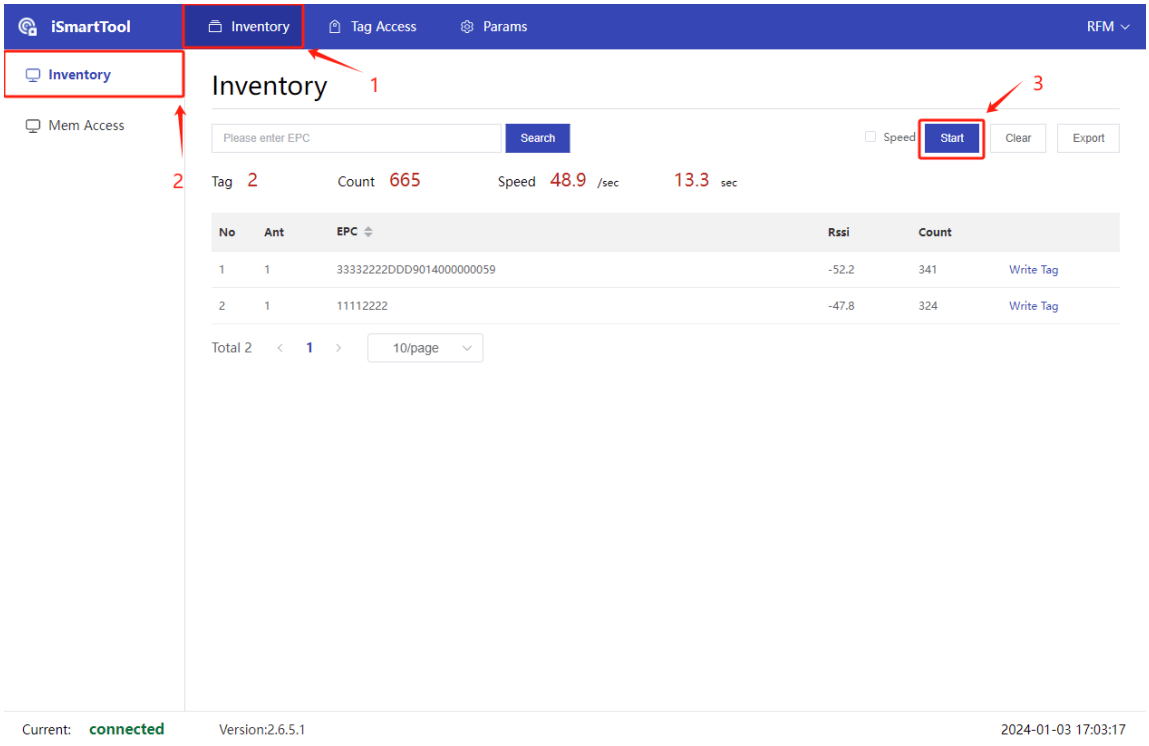


Figure 3-10 Inventory

Click Stop to stop counting data.

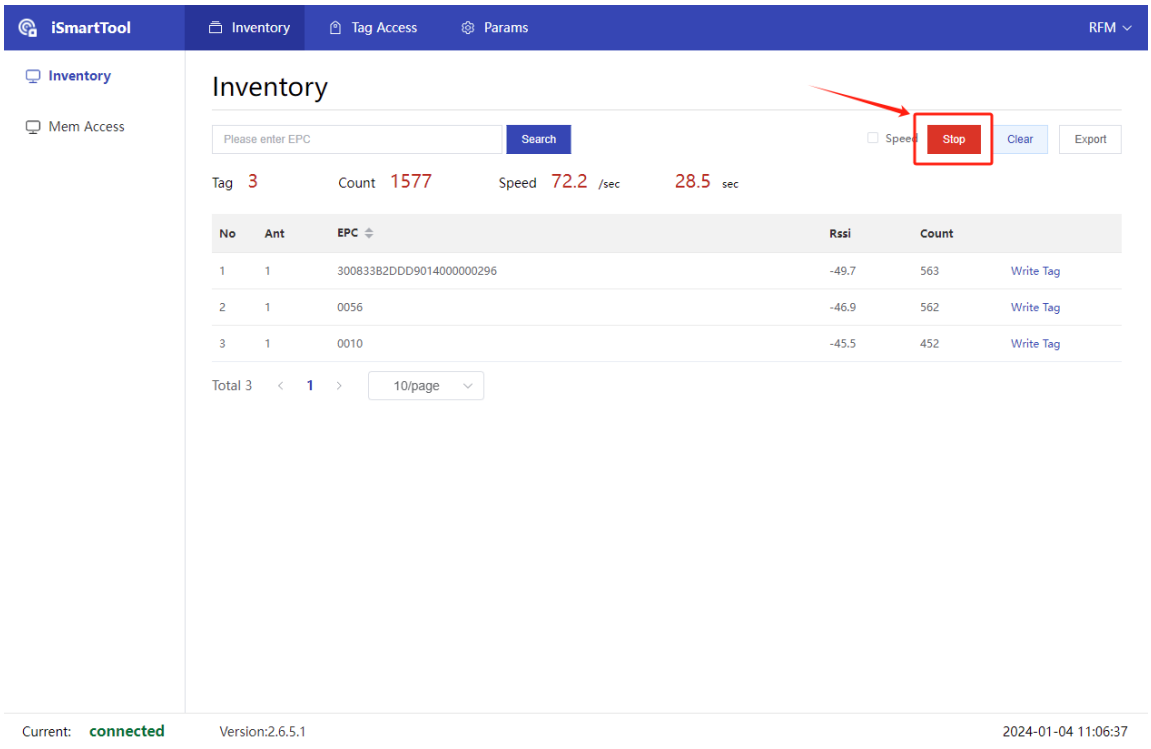


Figure 3-11 Stop counting

Click Clear to clear the inventory data.

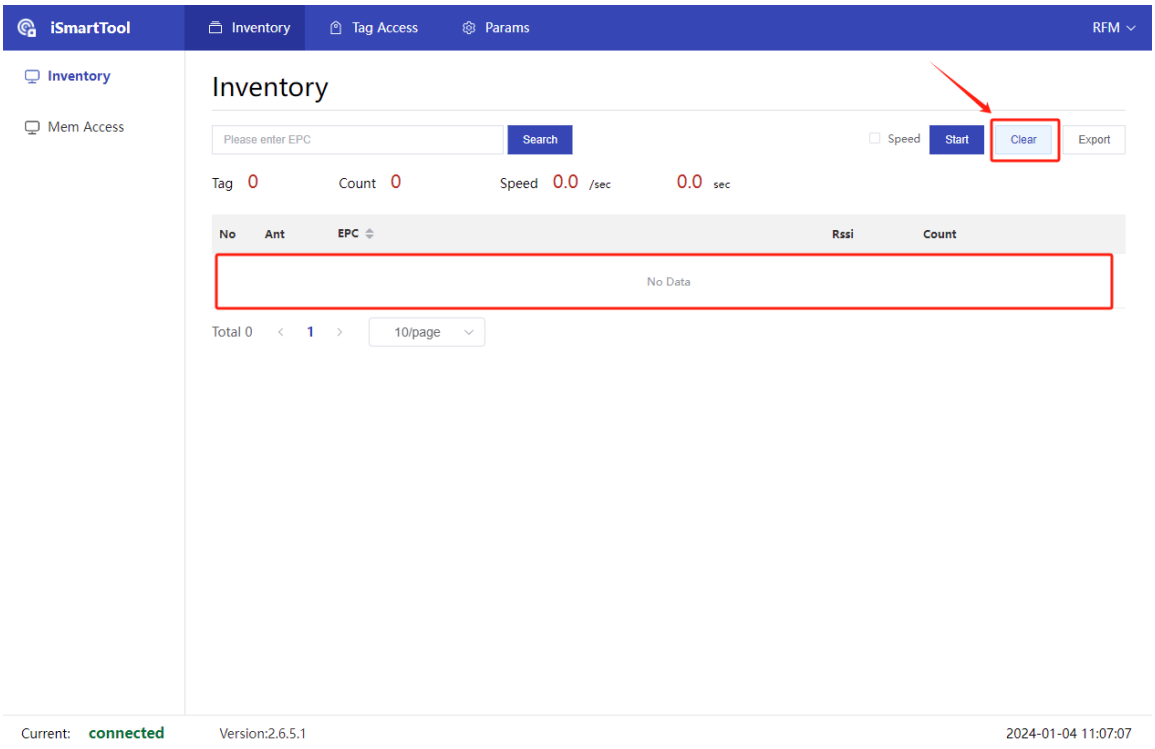


Figure 3-12 Clear data

Click Export to export the inventory data.

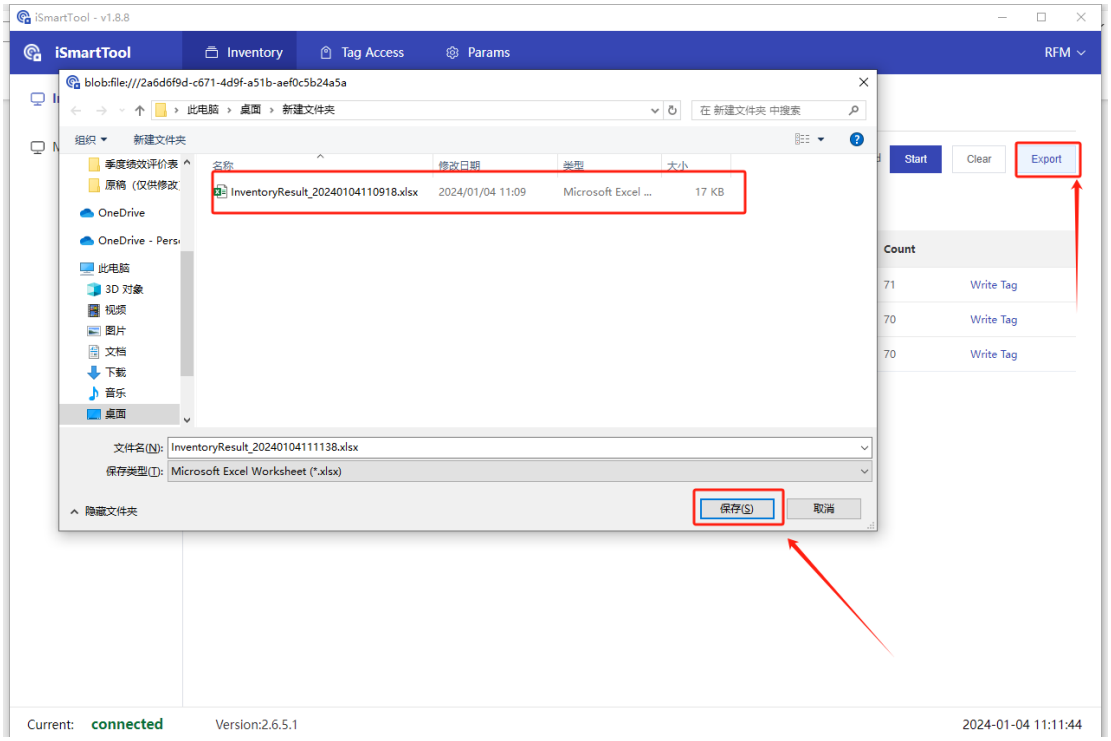


Figure 3-12 Export data

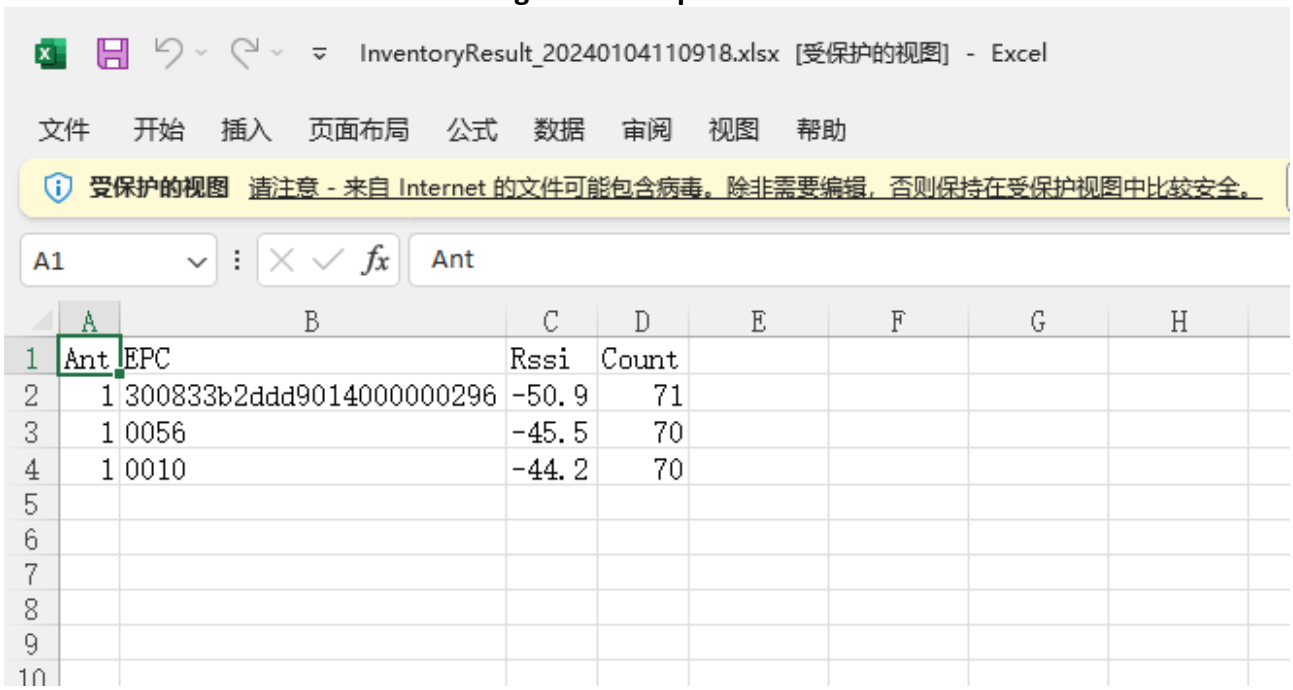


Figure 3-13 Data in Excel

Optional EPC and USER zones for filtered writing of inventoried labels.

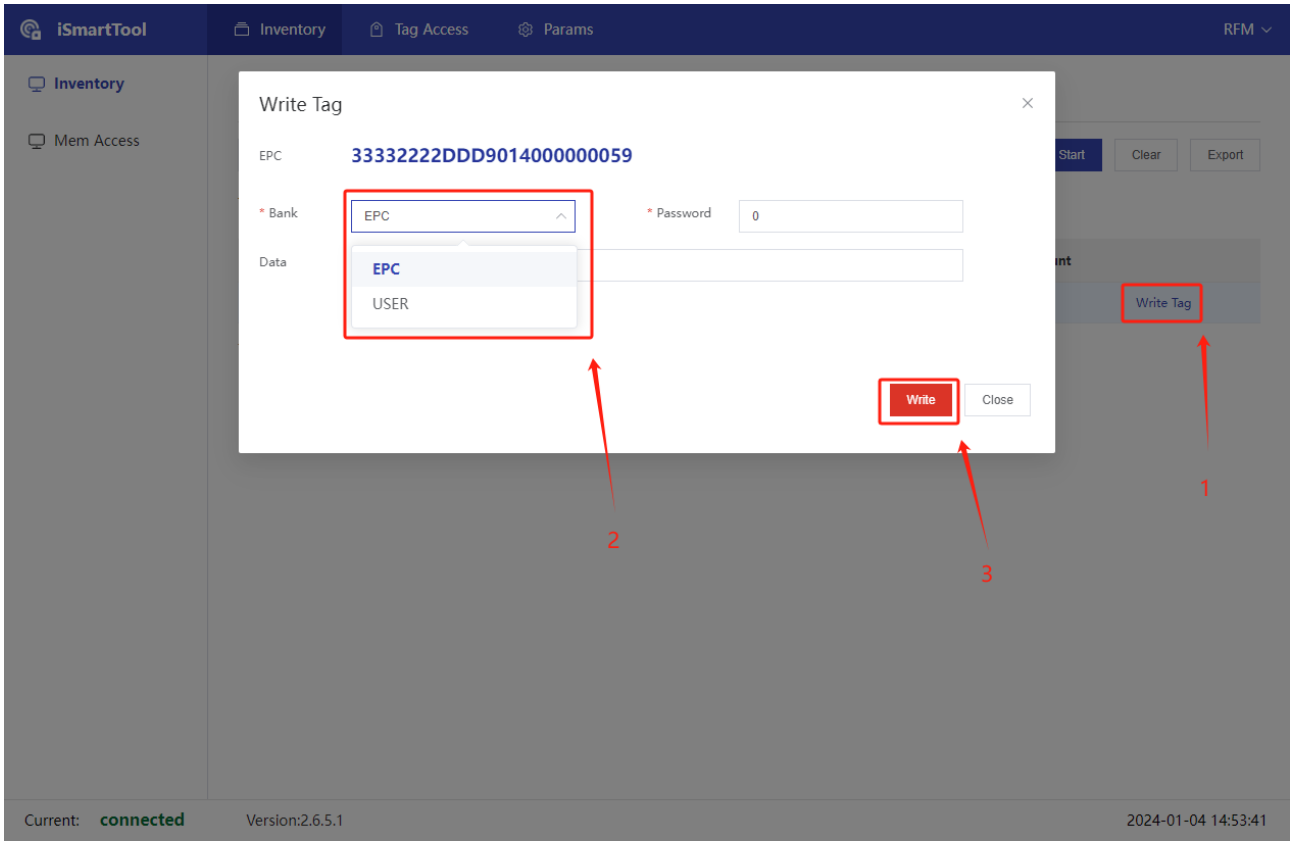


Figure 3-14 Filtering Write Operations

3.2.3 Read/Write

Read operation, the data is displayed in the Data area.

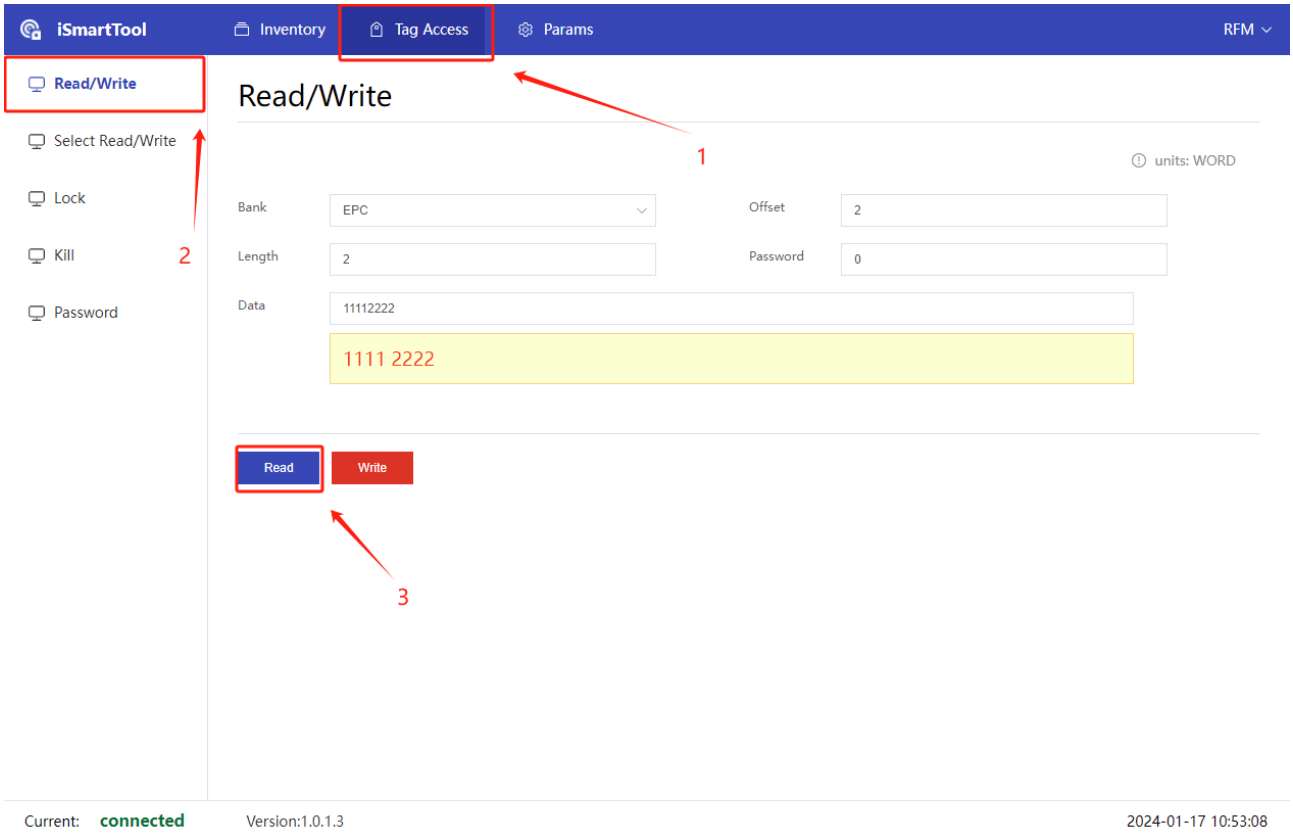


Figure 3-15 Read data

It will show “No tag” if the Card reading failure

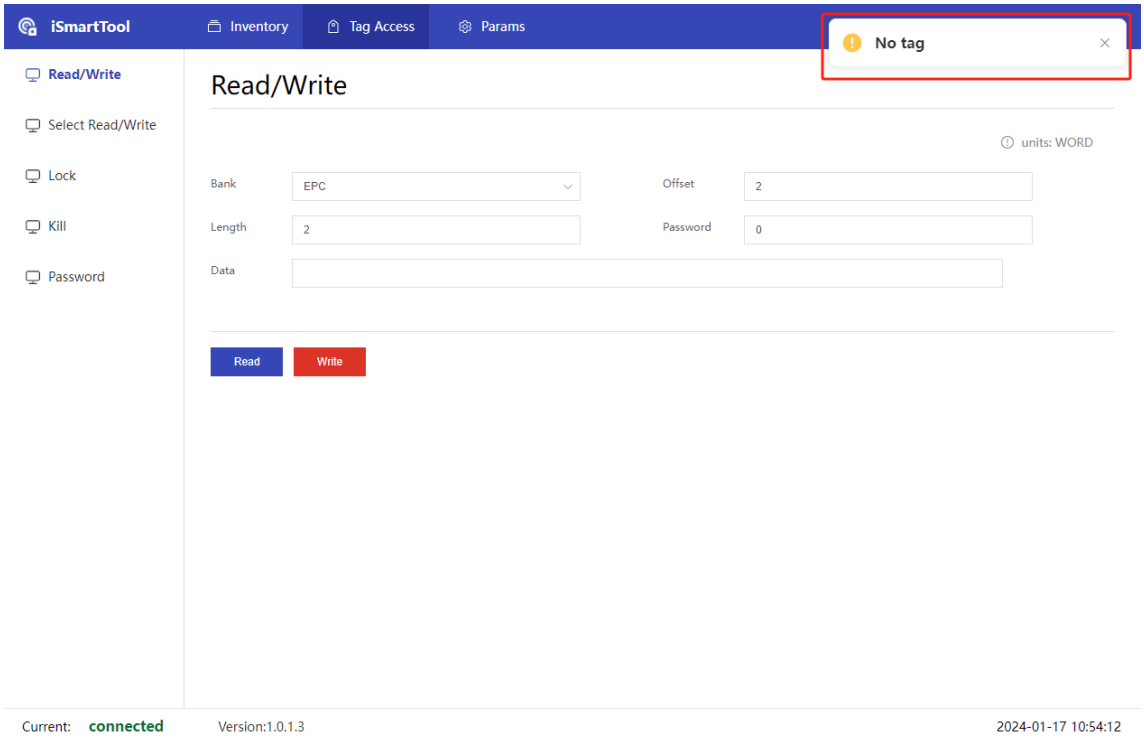


Figure 3-16 Read fails

Write operation, it will show “Successful” when the write is successful.

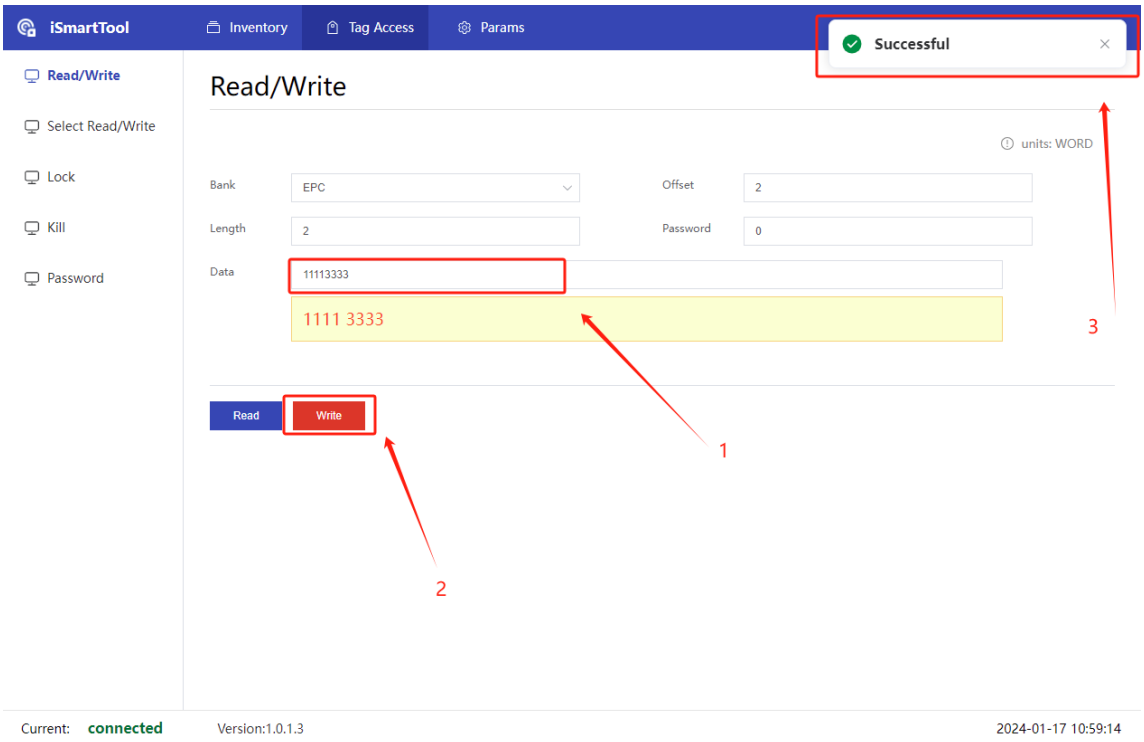


Figure 3-17 Write data

It will show “No tag” if the Card writing failure.

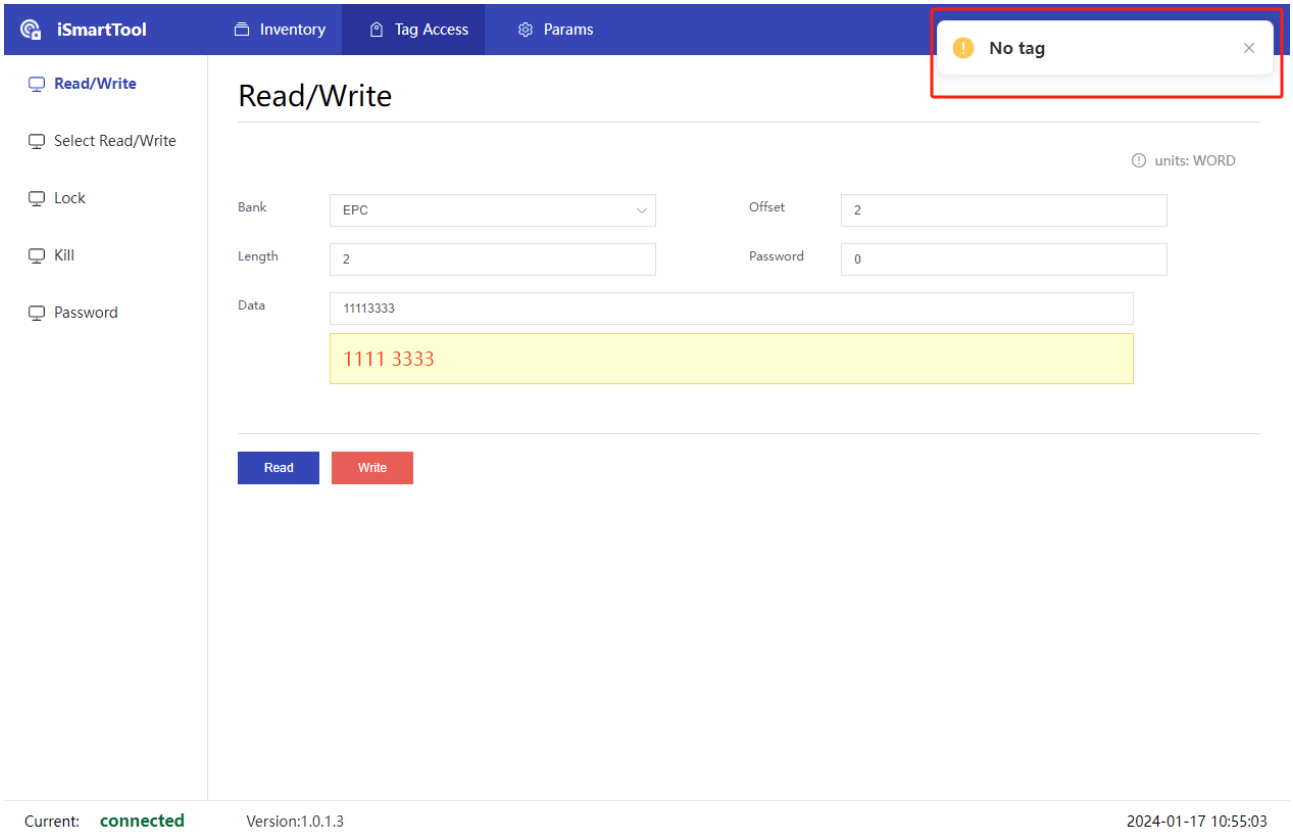


Figure 3-18 Write fails

3.2.4 Select Read/Write

Enter the filtering parameters in Zone 1, and then configure the operation area, start address, and data length in Zone 2 for read and write operations.

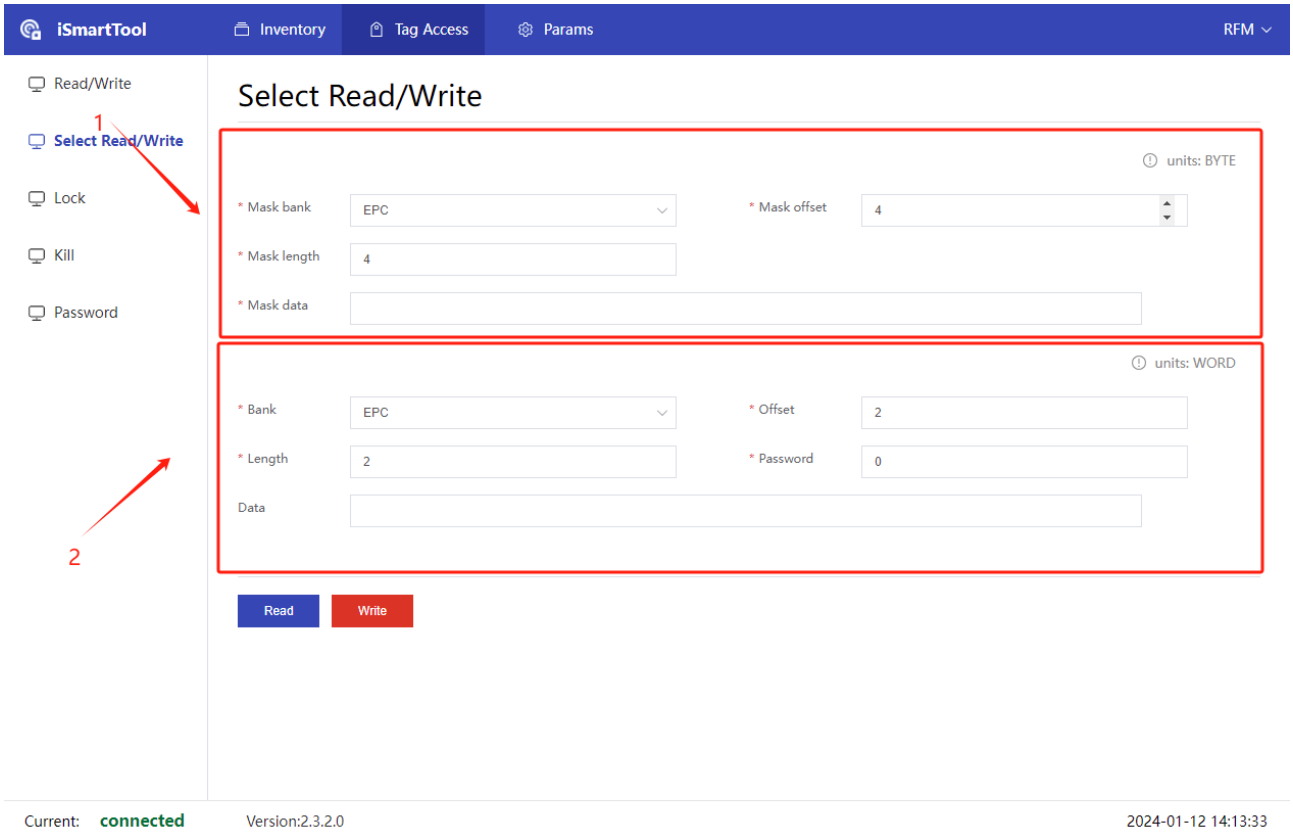


Figure 3-19 Configure data parameters

3.2.5 Frequency

You can choose how the bands and frequencies are distributed in different regions.

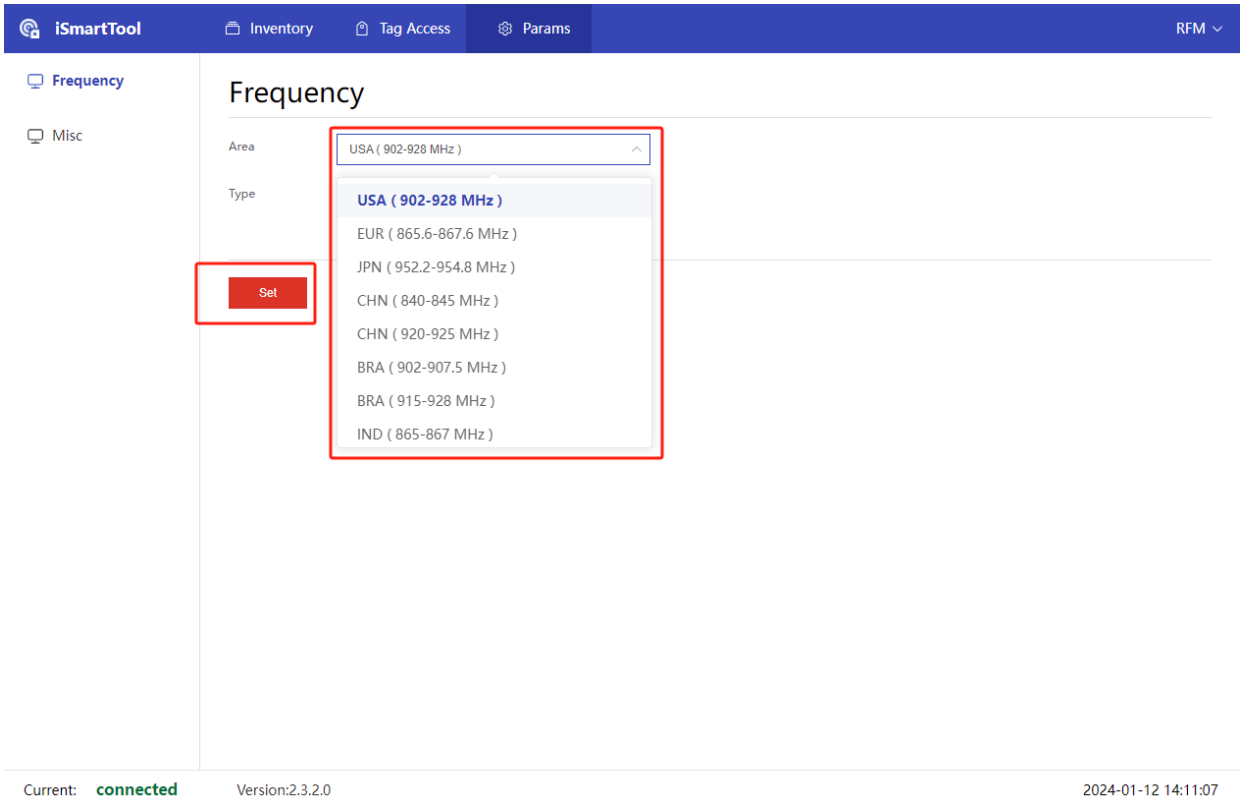


Figure 3-20 Set frequency

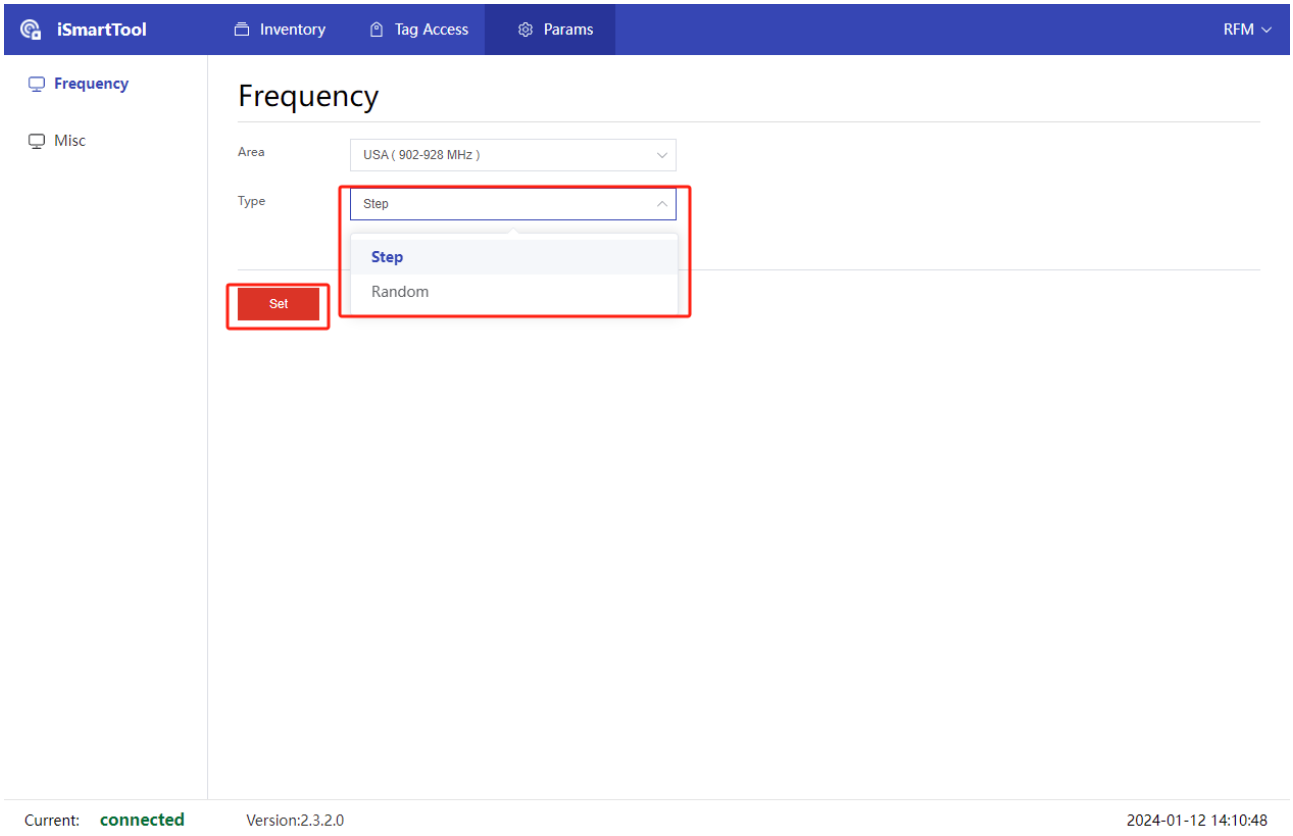


Figure 3-21 Set type


See Far, Go Further