

PSSA

PC Smart Scanner Assistant

User Manual

Version record:

Version No.	Version Description	Issue Date
V1.0.1	Initial version	2021/11/22

File Decompression

1、Decompress the compressed file,

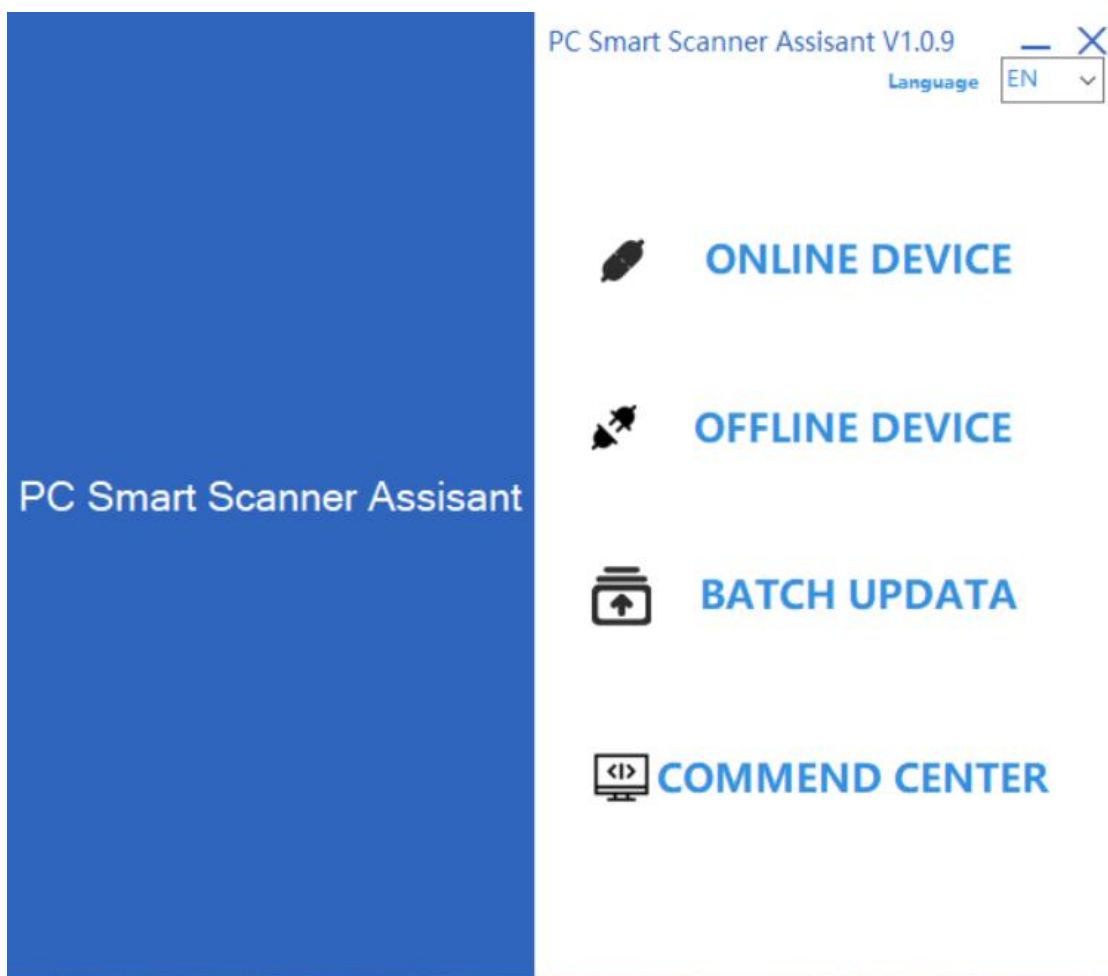
 PC SmartScannerAssistant_V1.0.9_STD_Build211105_Beta_NeutralVersion_1937.rar

2、Enter the file, double click,

 SmartAssistant.exe 2021/11/24 19:28 应用程序

Run the software,

Main Interface



Working mode

PSSA has four working modes: online device/offline device/batch setting/command interaction.

Online device

Wired version, wireless version, and smart version scanners can use RJ45 line to connect to the computer, then scan the code to get the scanner connected. The software will obtain the configuration of the scanner, and is able to do the function configuration of the device.

Offline device

There' s no need to connect the scanner to the software. After selecting the modified item in the software, a configuration barcode will be generated, then use the scanner to scan this barcode to configure.

Batch settings

Batch mode supports multiple devices connected to the computer by scanning the barcode. Then select the proper configuration item, it can synchronize the setting to all connected devices.

Command interchange

User can check the decoding content when the scanner is being connected to the software.

Language Switch

PSSA supports switch of Chinese and English. Click the upper right corner to switch.

Go back to the main interface

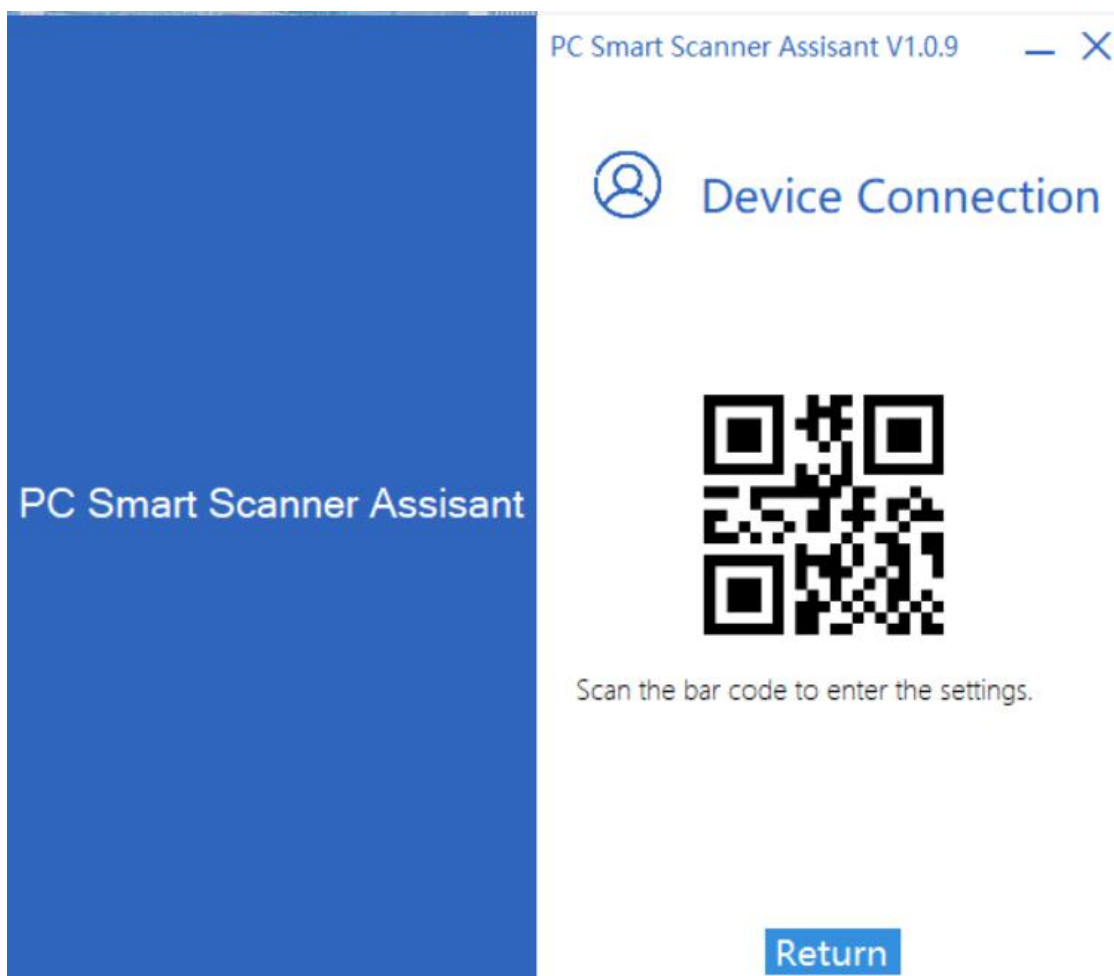
Click the upper right corner to go back to the main interface as picture above.

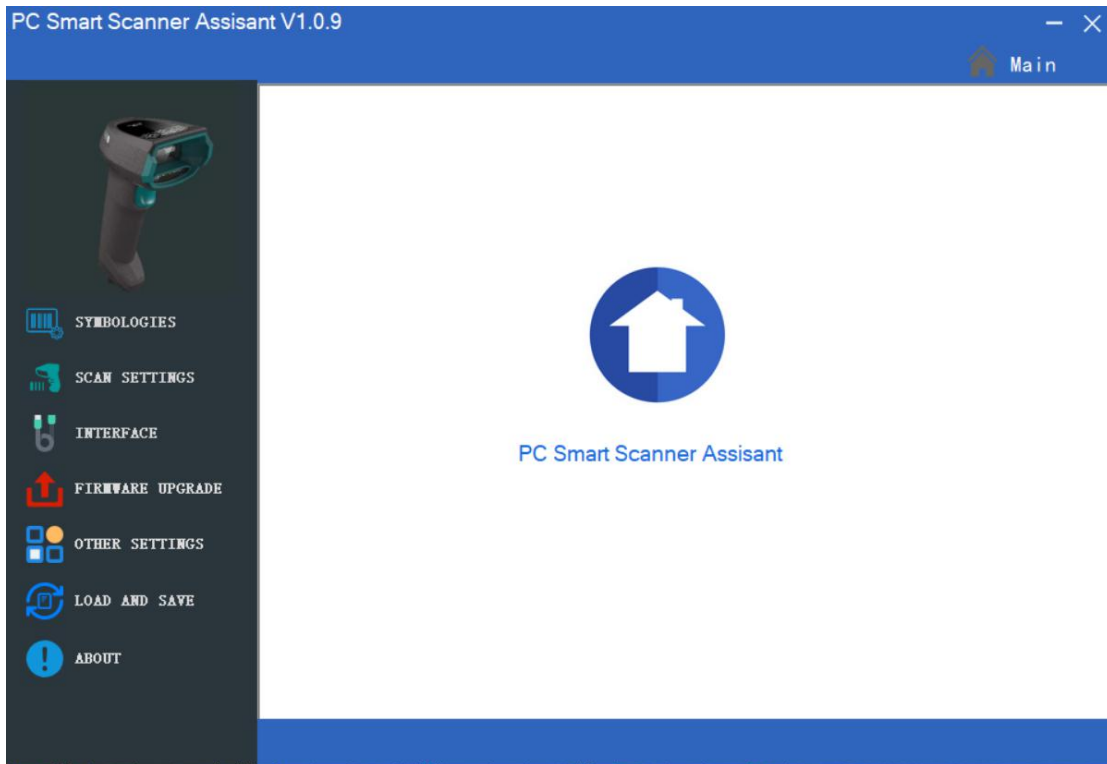
1. Online Device

After selecting the command, you can configure the command by generating a barcode in [Load and Save], or by issuing commands. **Online device** can choose either way to take effect the commands as follow:

1. Issuing commands directly
2. Generating a barcode through scanning

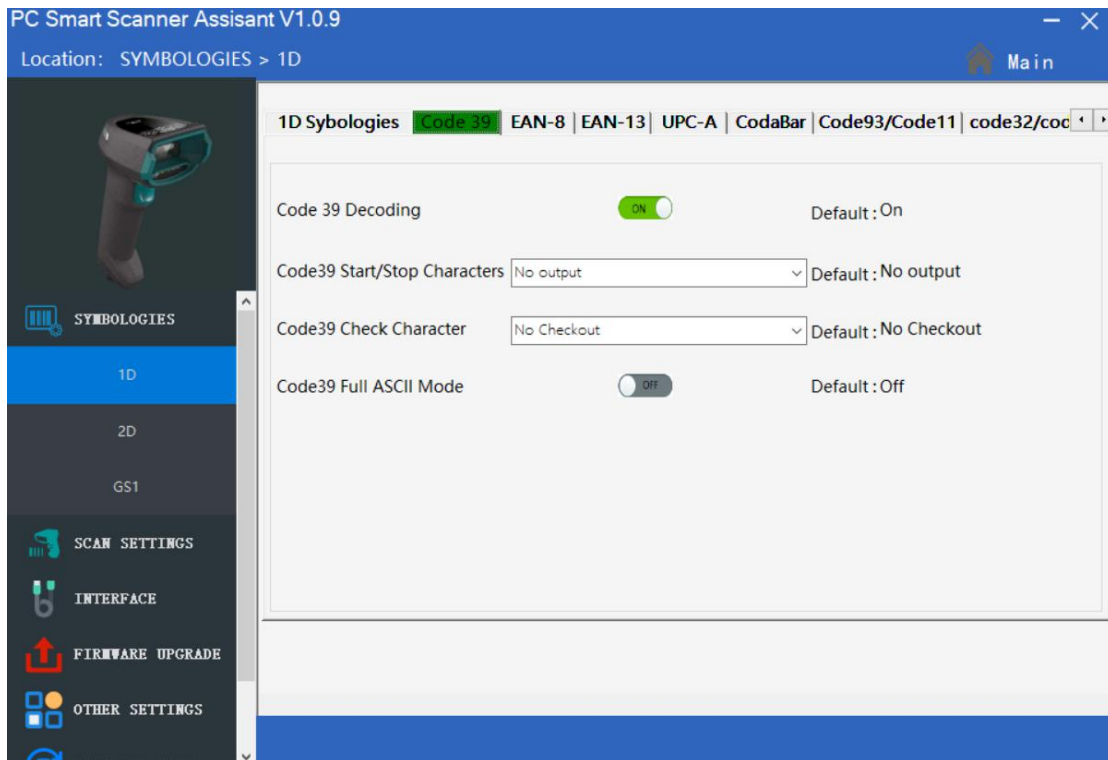
Click [online device], then you can connect scanner to PSSA by scanning the barcode.





1.1 Parameter Function Settings

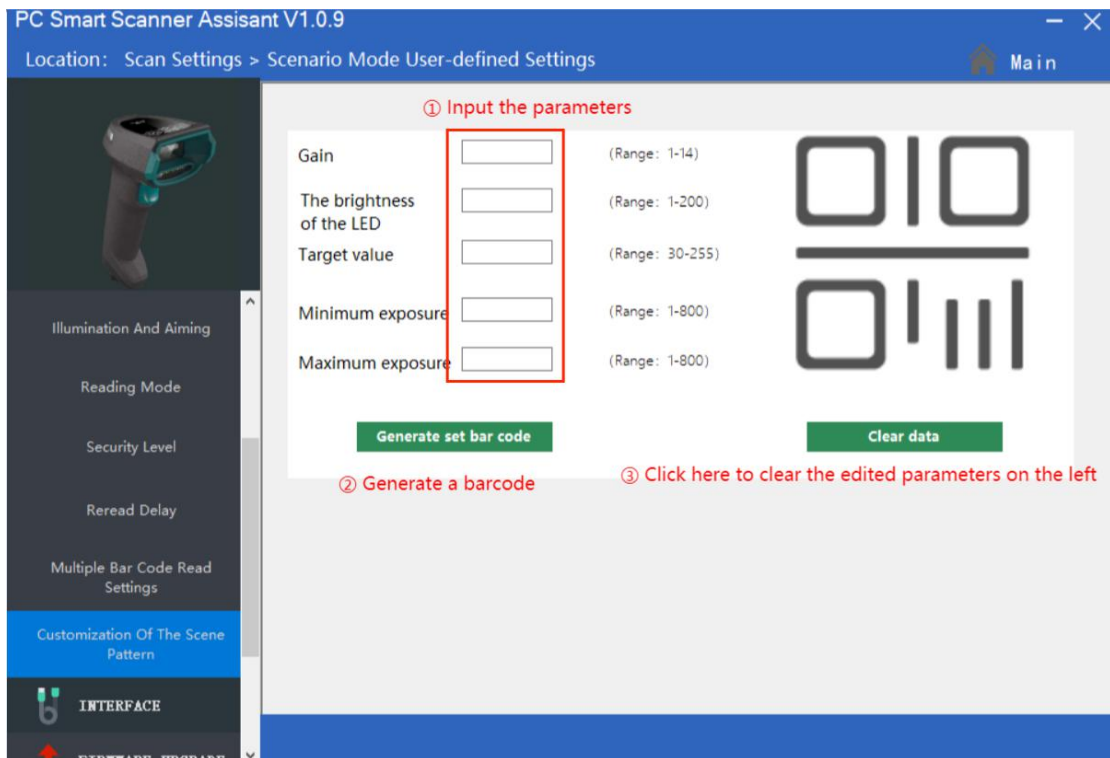
Barcode parameter settings, basic scan settings, communication interface settings, and other settings can set the functional parameters of the scanner. After selection, the number of selected setting items will be displayed in the upper right corner.



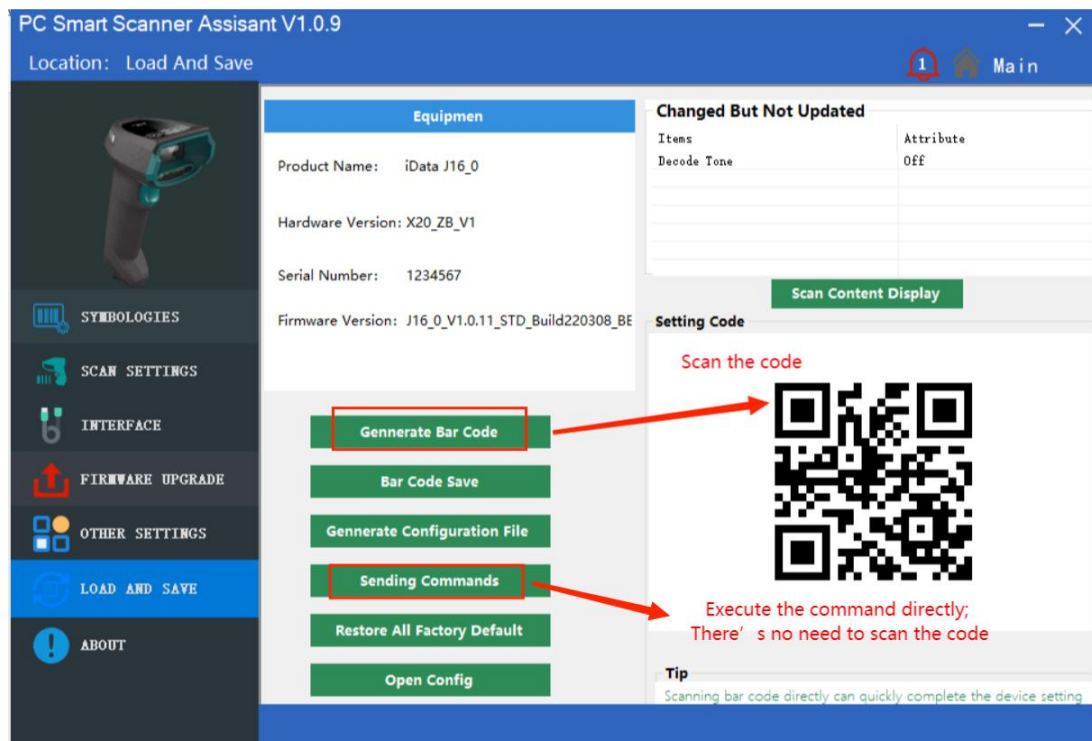
In addition, you can browse the basic scan settings, communication interface settings and other selection commands to configure the scanner.

1.2 Scenario Customization Settings

It is used for the customized mode in the scenario mode. Turn on the customized mode before setting, enter the corresponding parameters, then a barcode will be generated. Scan the generated barcode to complete the setting.



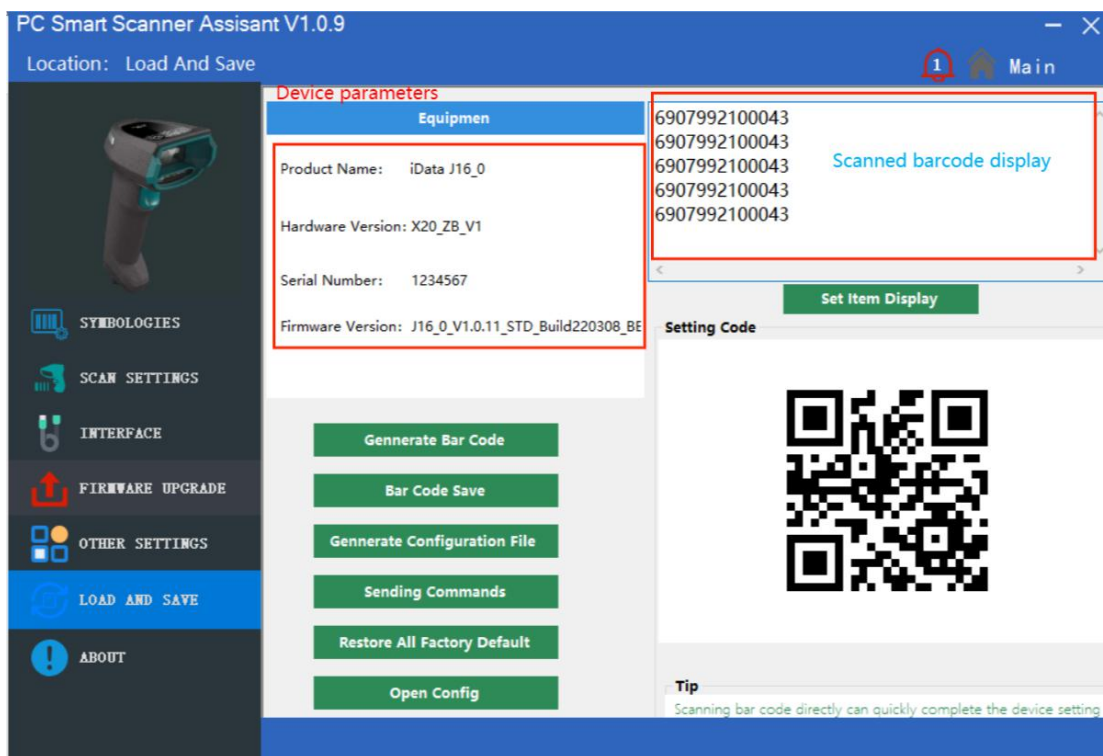
1.3 Load and Save



On this page, you can view the relevant information of the device, and the selected setting modified items. Click “Issue command” to synchronize the scanners.

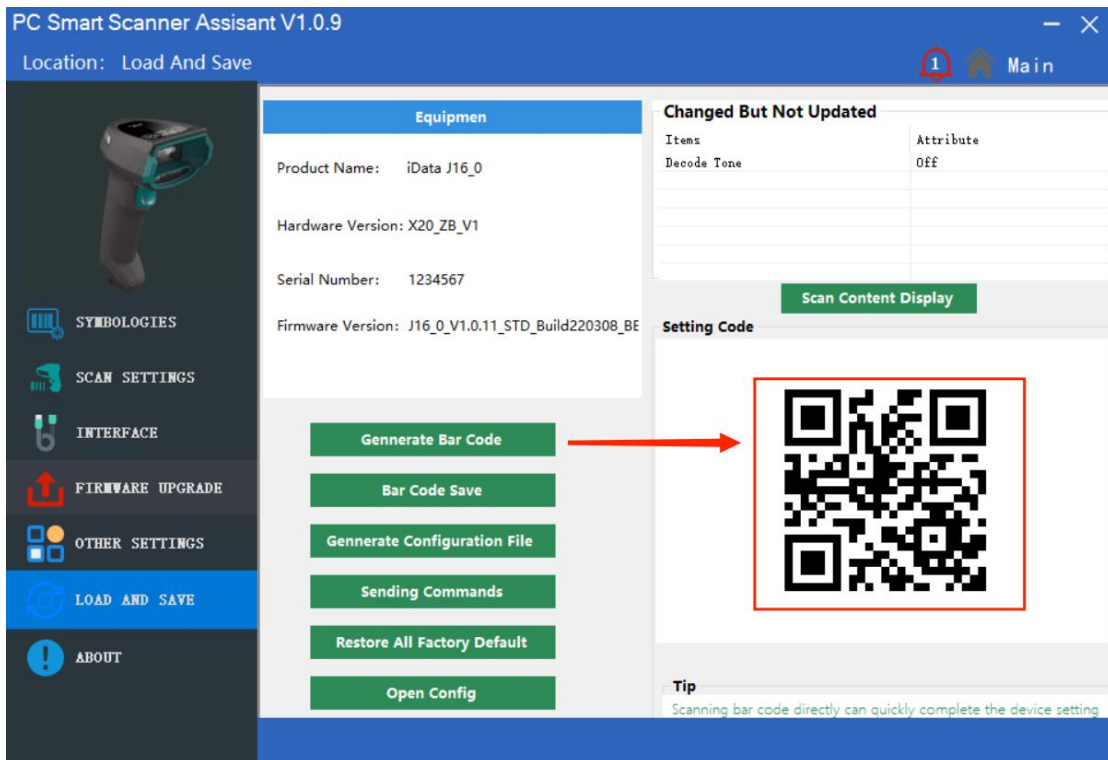
1.3.1 Barcode Scanning Display

The decoding information can be displayed here conveniently.



1.3.2 Generating Setting Barcode

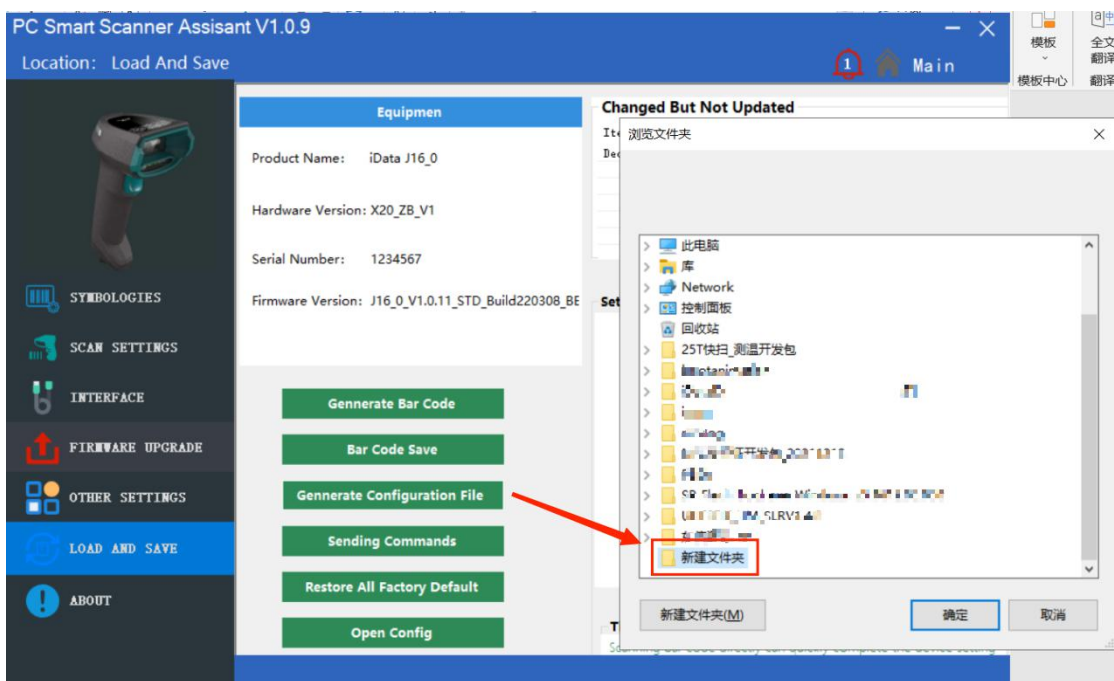
Besides issuing commands, you can also click this button to generate a barcode, then scan this barcode by a scanner to complete the setting.



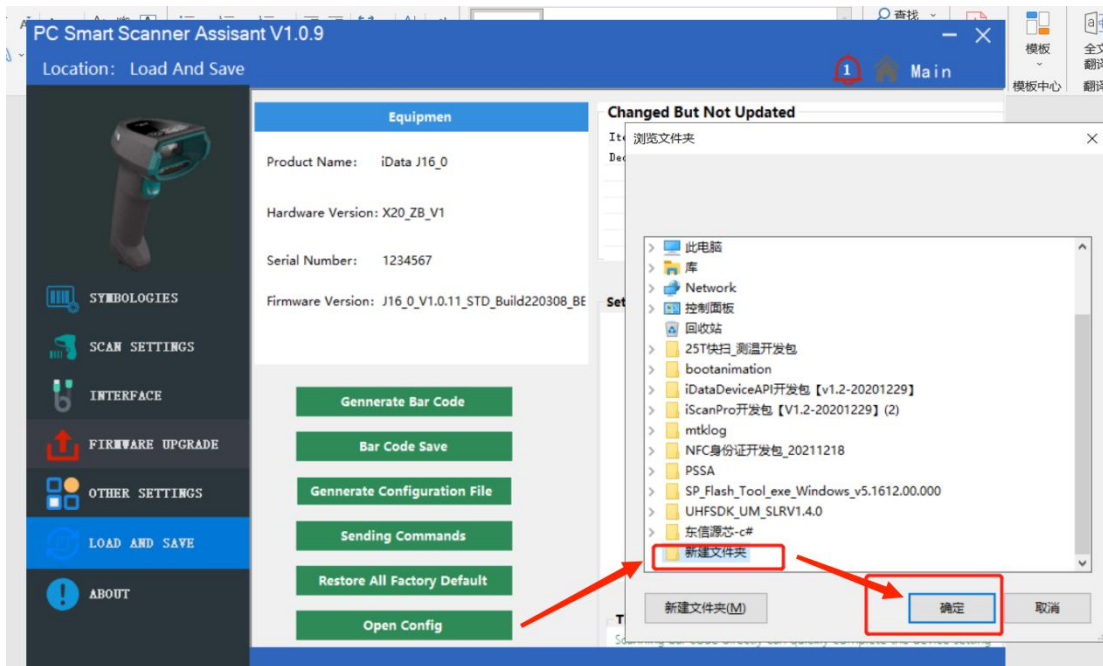
1.3.3 Generating and Loading Configuration File

You can save the setting of connected scanners for future use.

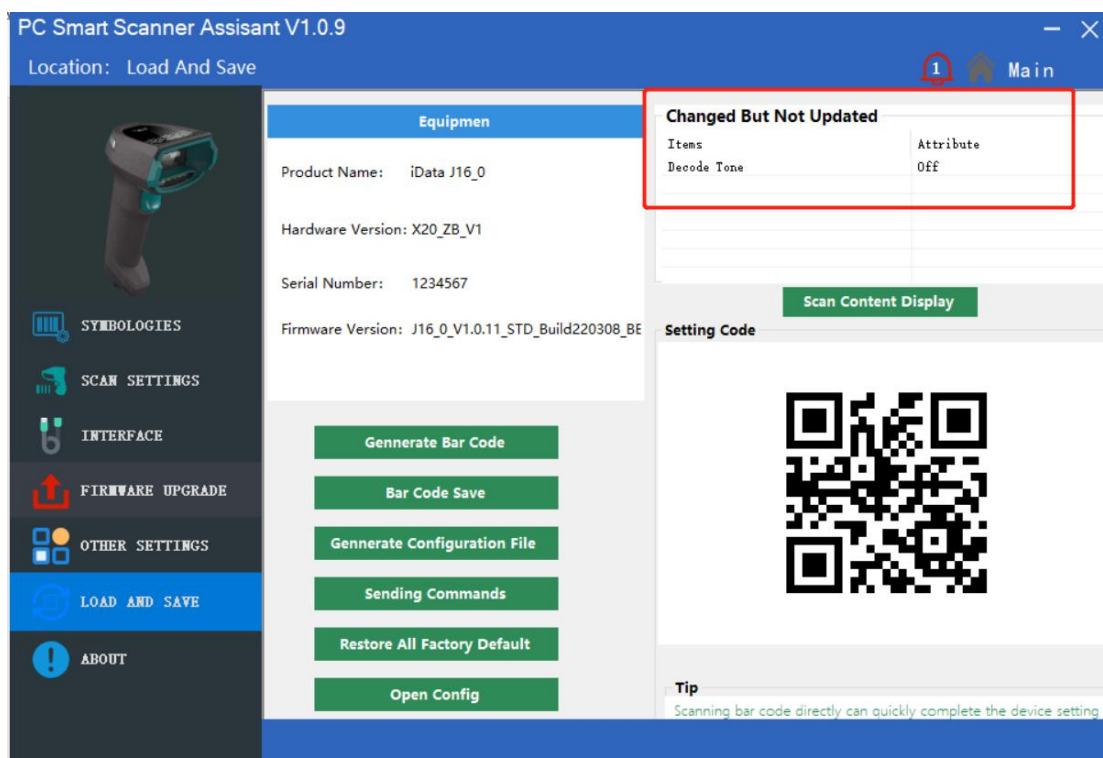
Generating:



Loading configuration file:



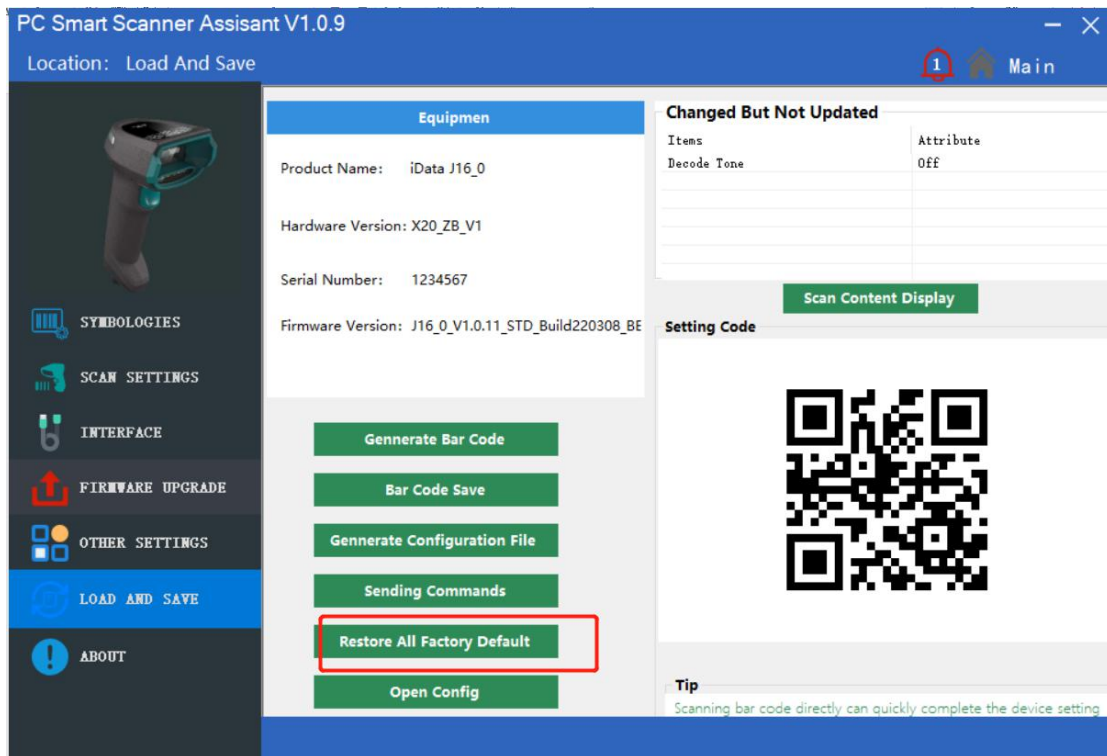
Click "Confirm" .



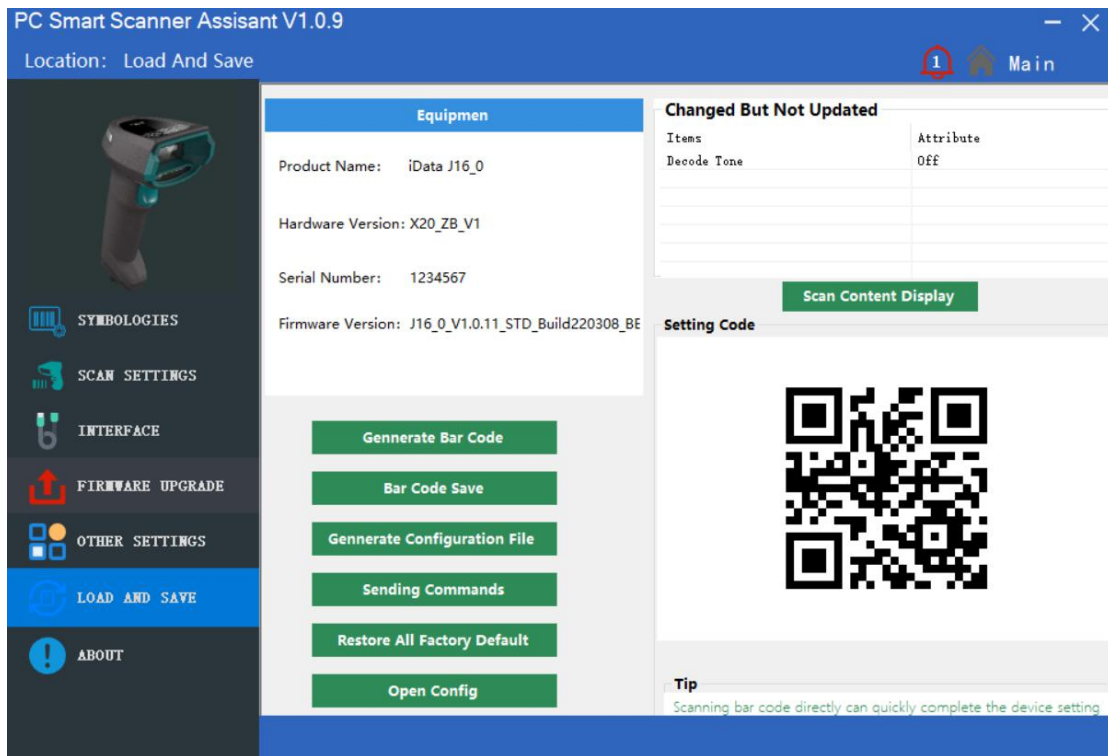
All the setting can be saved. Next time, you can click "Issue command" to synchronize the scanner with the saved configuration information.

1.3.4 Reset Factory Setting

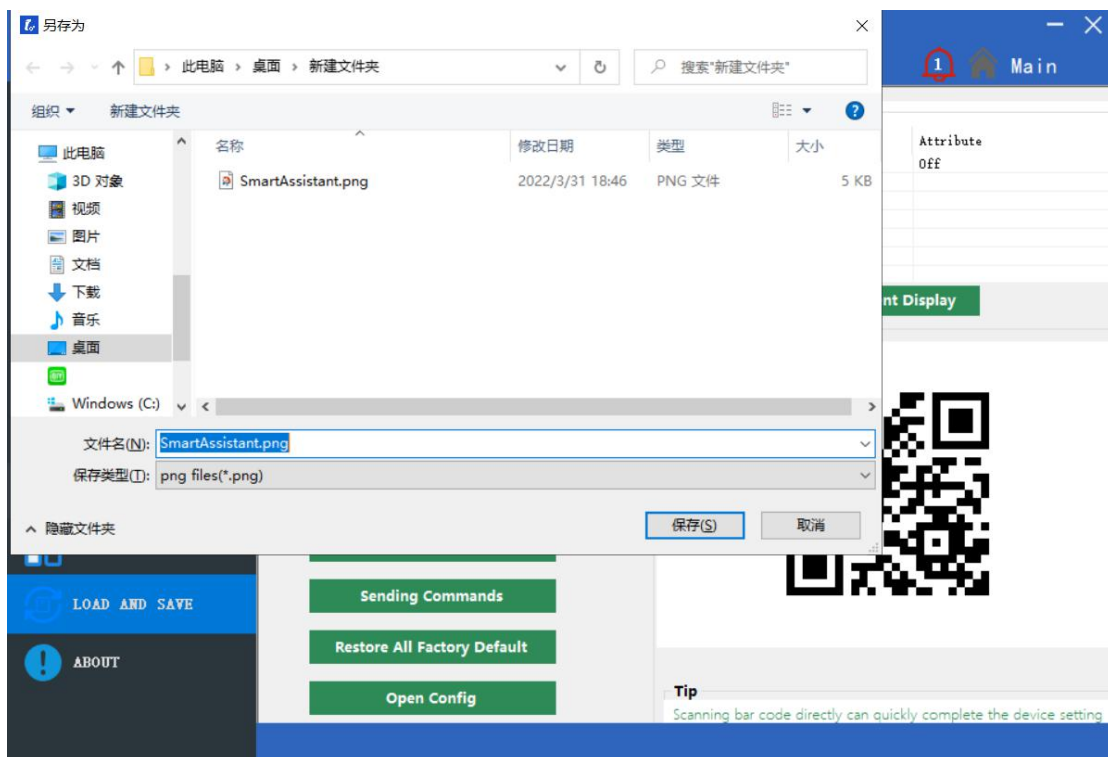
Click this button to resume default mode, connect to the PSSA by scanning the barcode again.



1.3.5 Saving the Setting Barcode



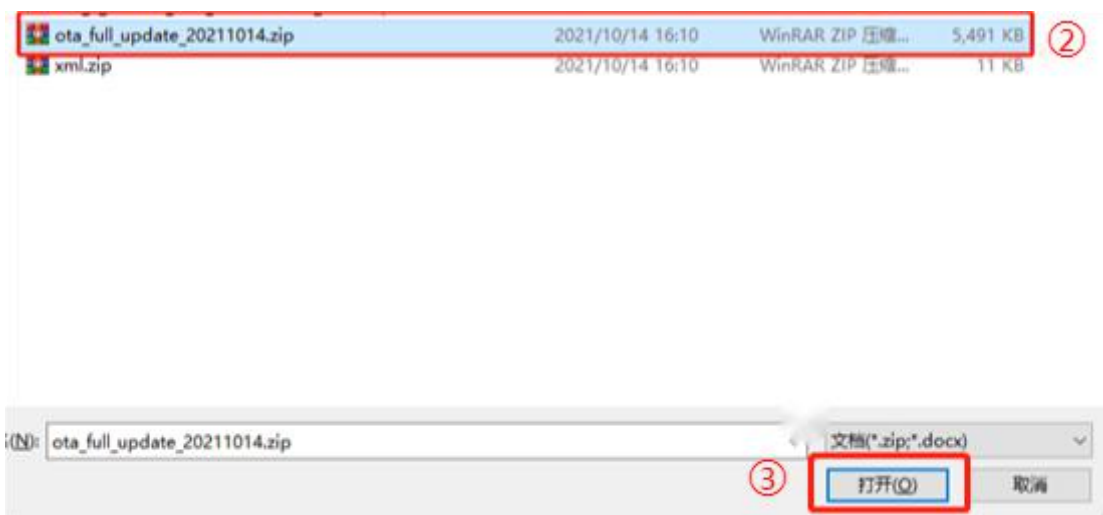
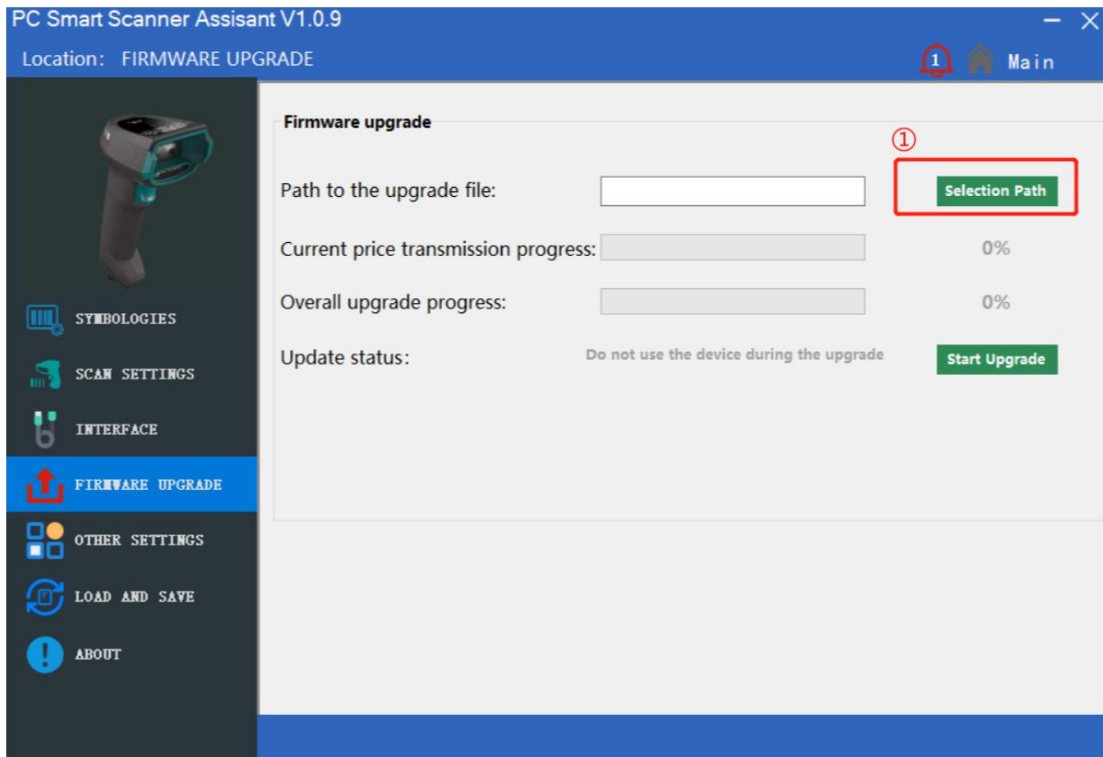
You can save the barcode to local file after it' s being generated.

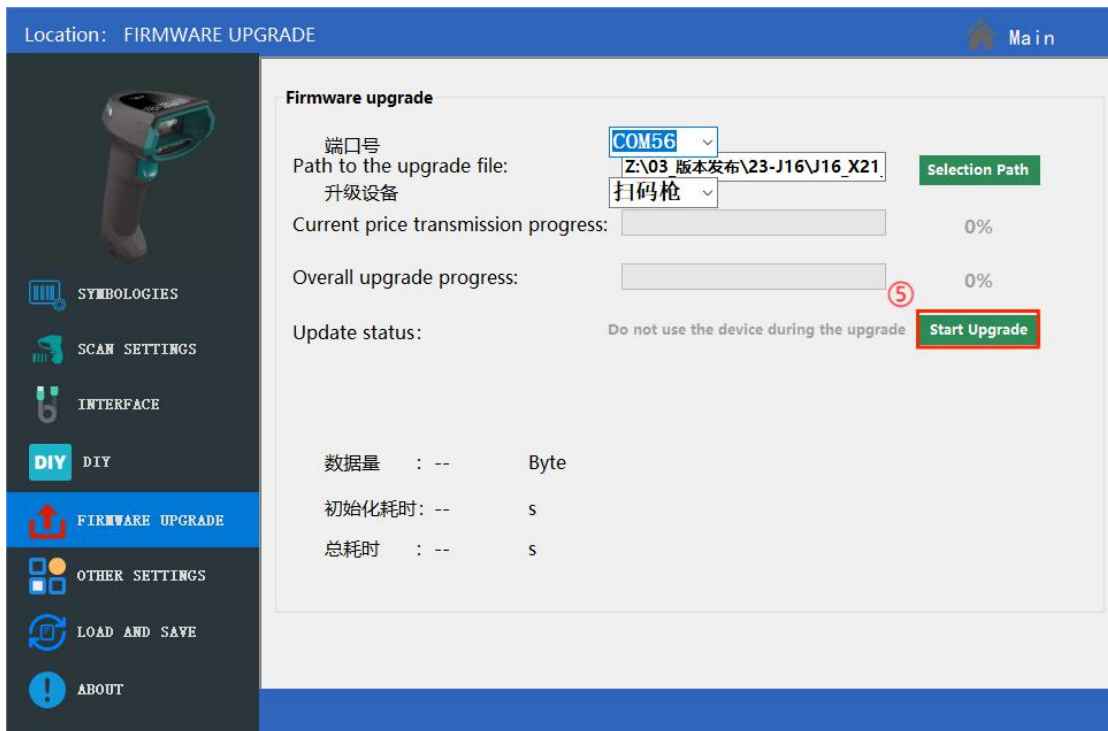


1.4 OTA Upgrade

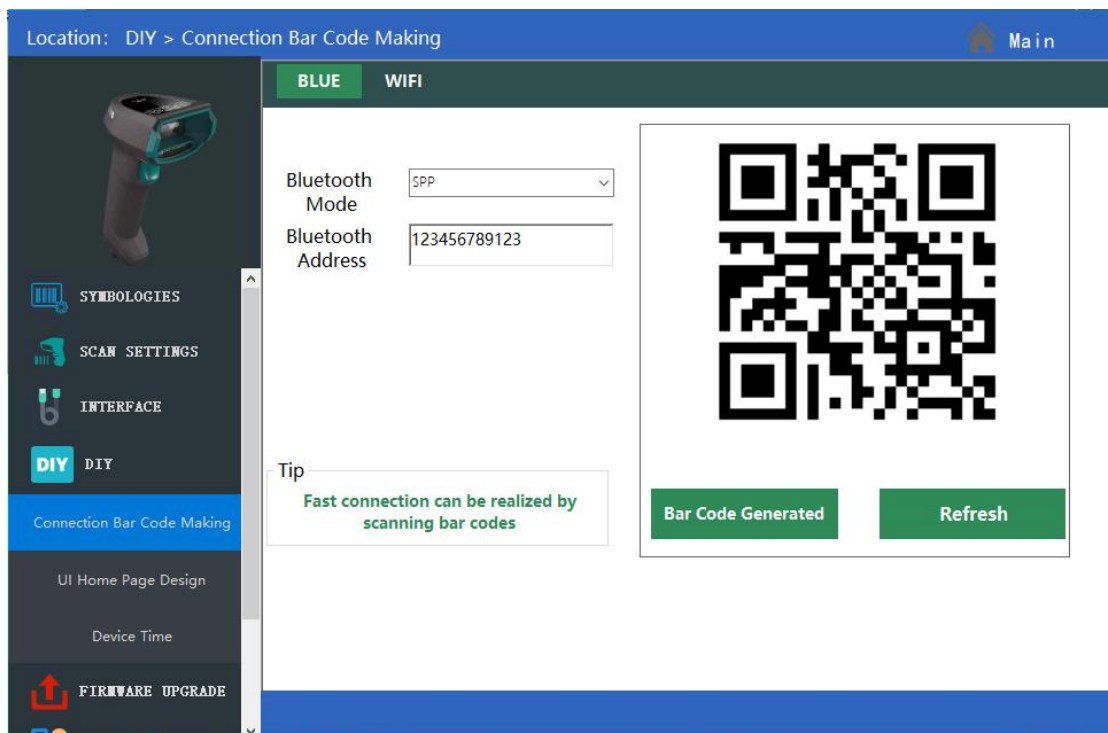
You can upgrade the software of the scanner;

Select the upgrading file, click " Confirm" .





1.5 DIY Setting

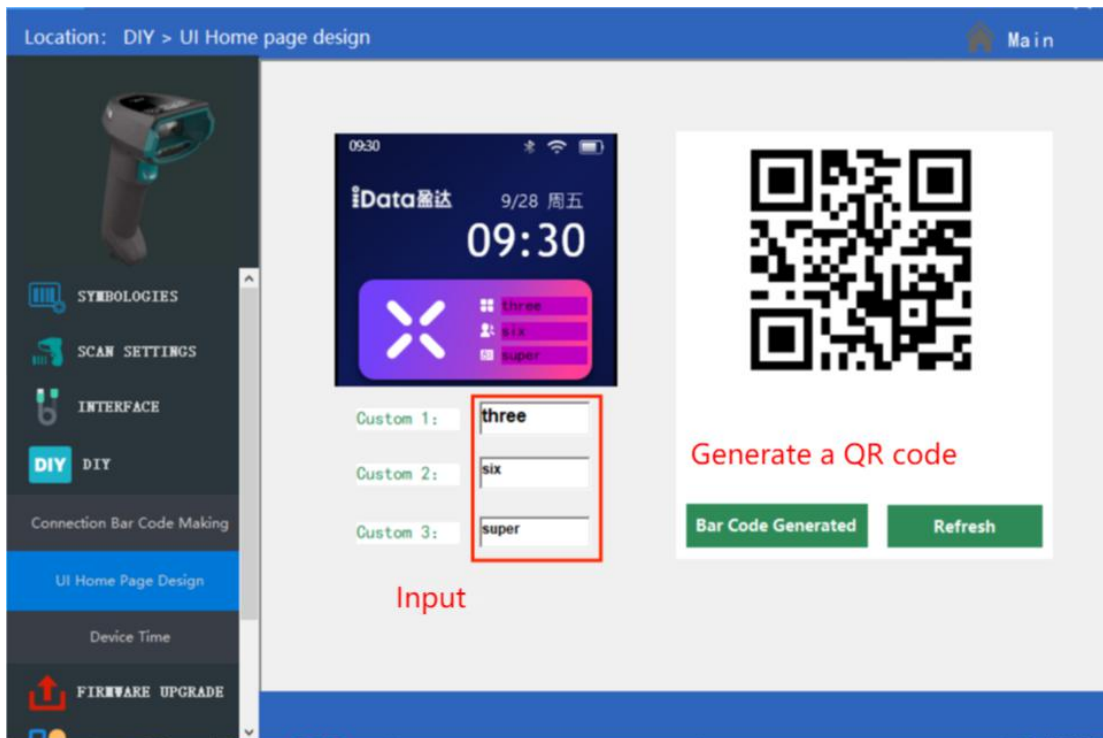


1. Generating a connecting barcode;

Enter the address of the base, then a MAC address barcode will be generated.

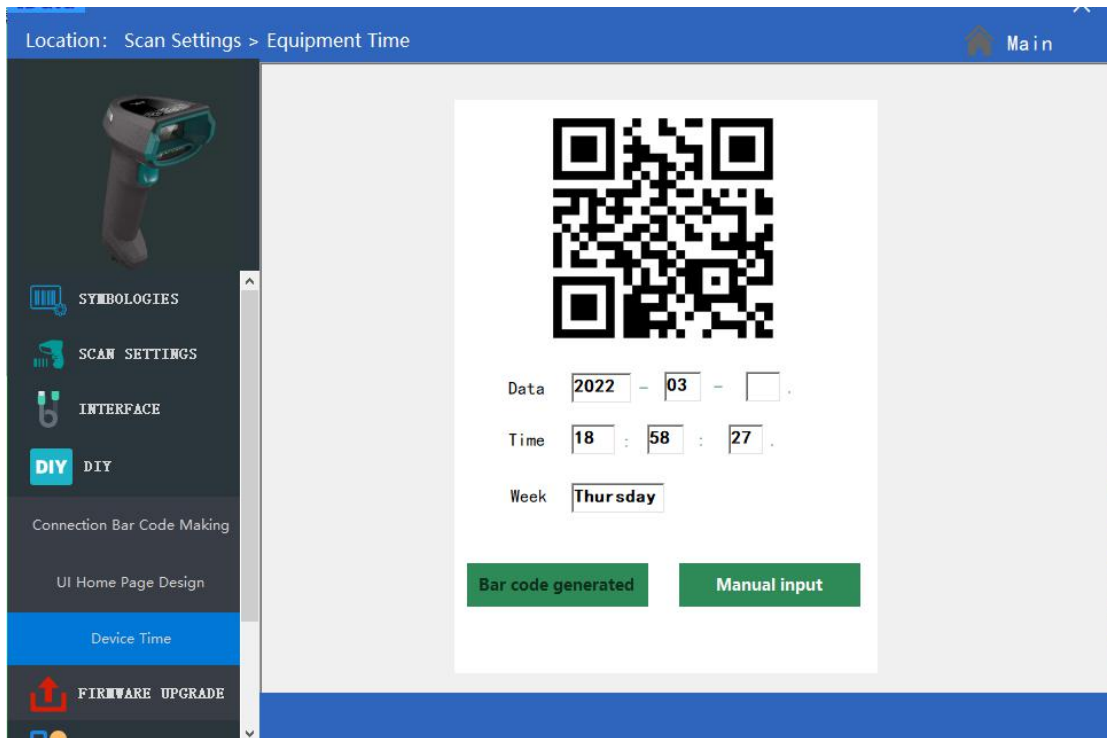
2. Home page DIY;

You can set the information and time of the home page.

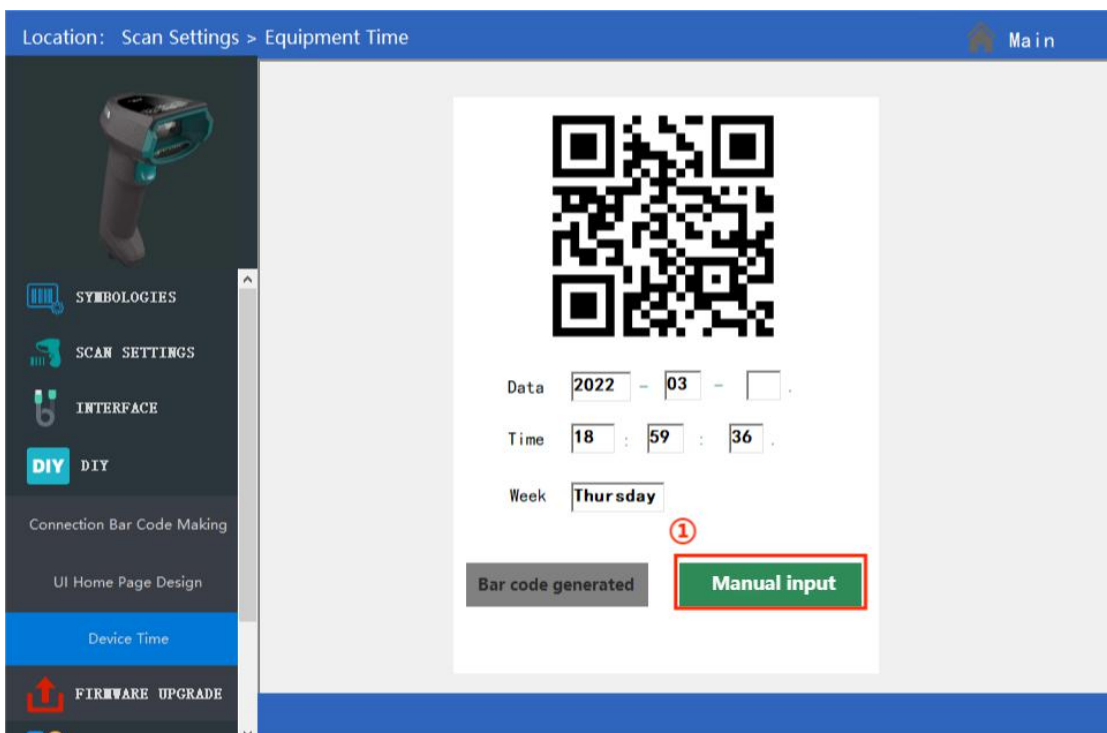


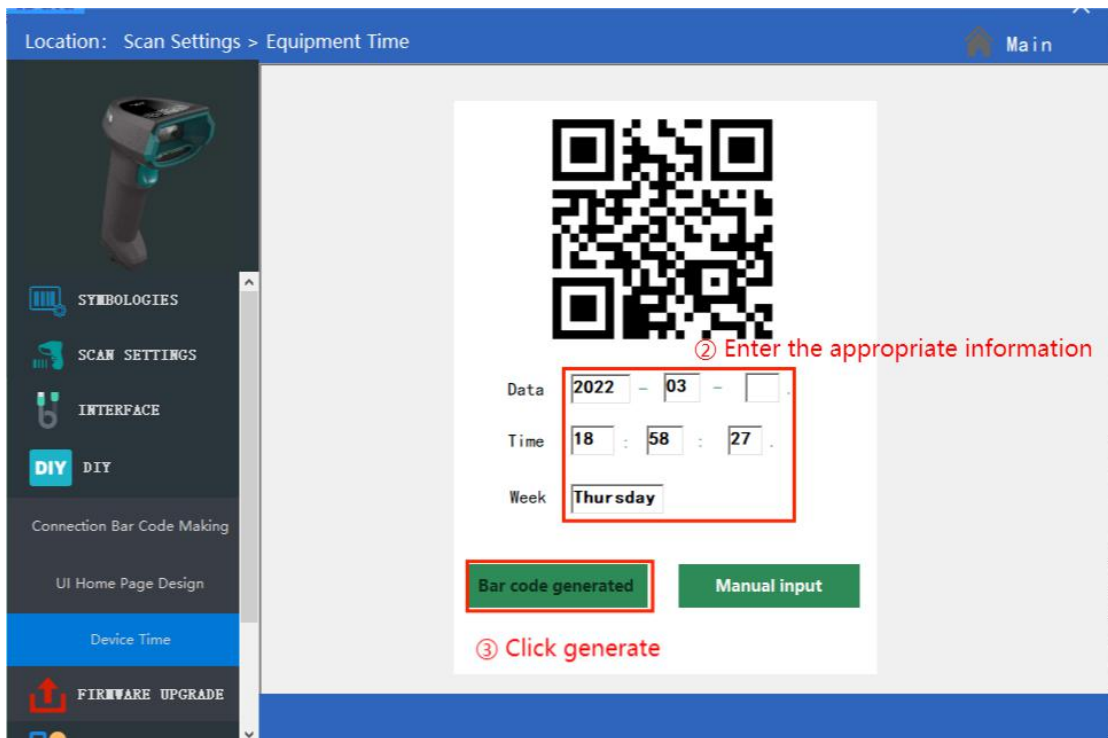
3. Device time setting

- 1) Generating automatically: the software will obtain the real time from the PC and generate a barcode. Scan the barcode to set the time.



2) Manual entry: You can customize the time on scanner.



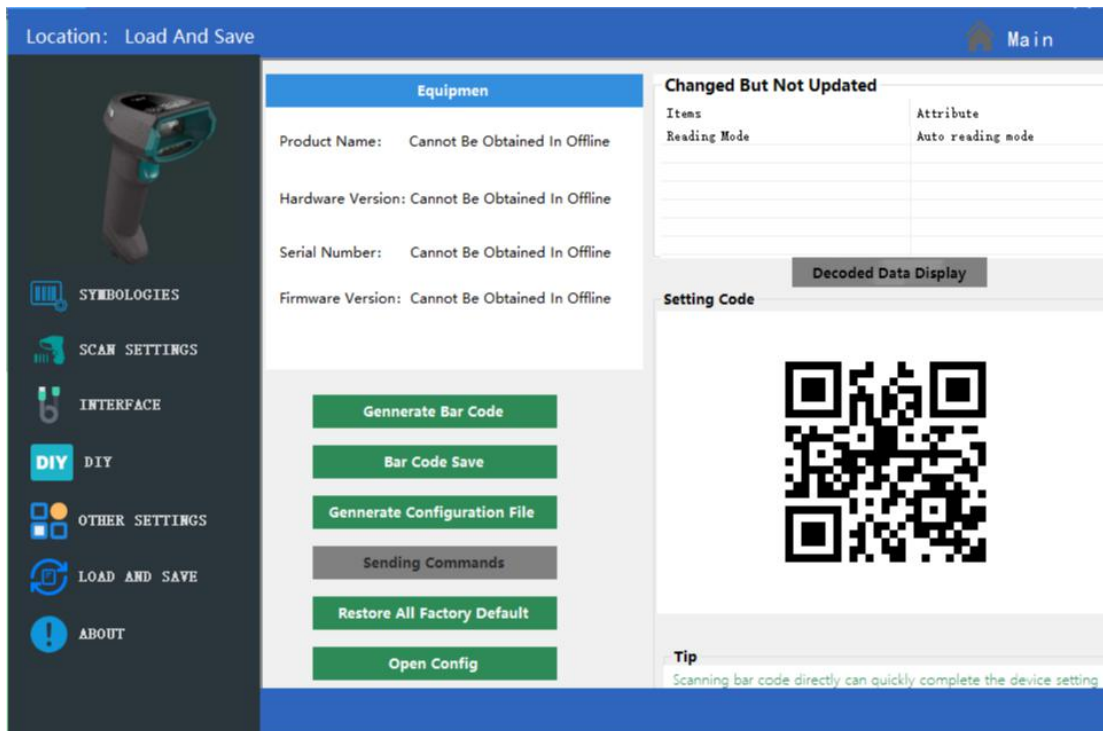


2. Offline device

In offline mode, it only supports the way of scanning the generated barcode to complete the setting.

2.1 Generating the Configuration Barcode

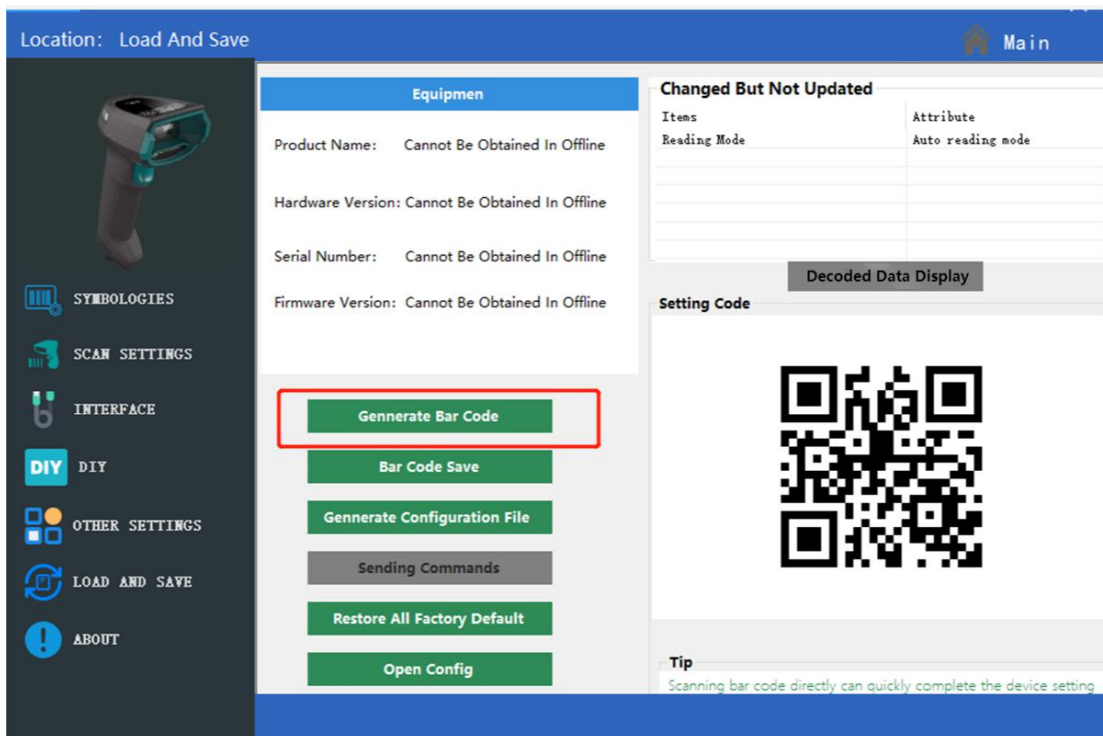
In offline status, select the modified items then generate a barcode, use a scanner to scan the generated barcode to complete the setting.



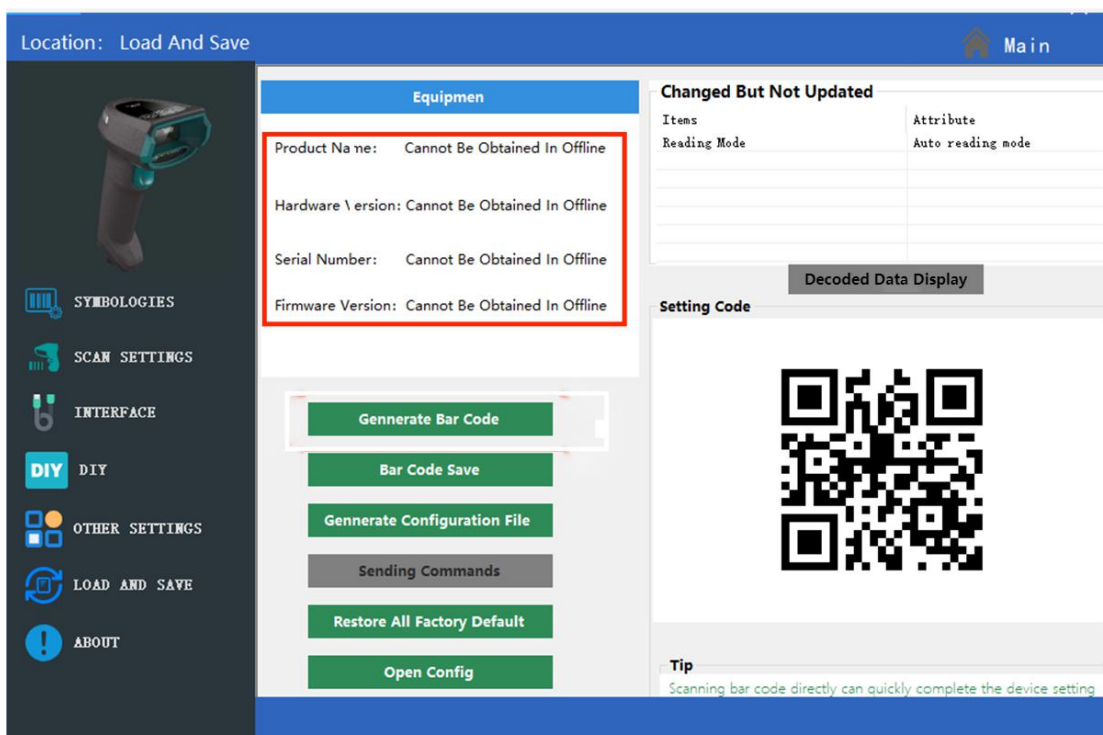
3. Batch Setting

3.1 Connecting the Devices

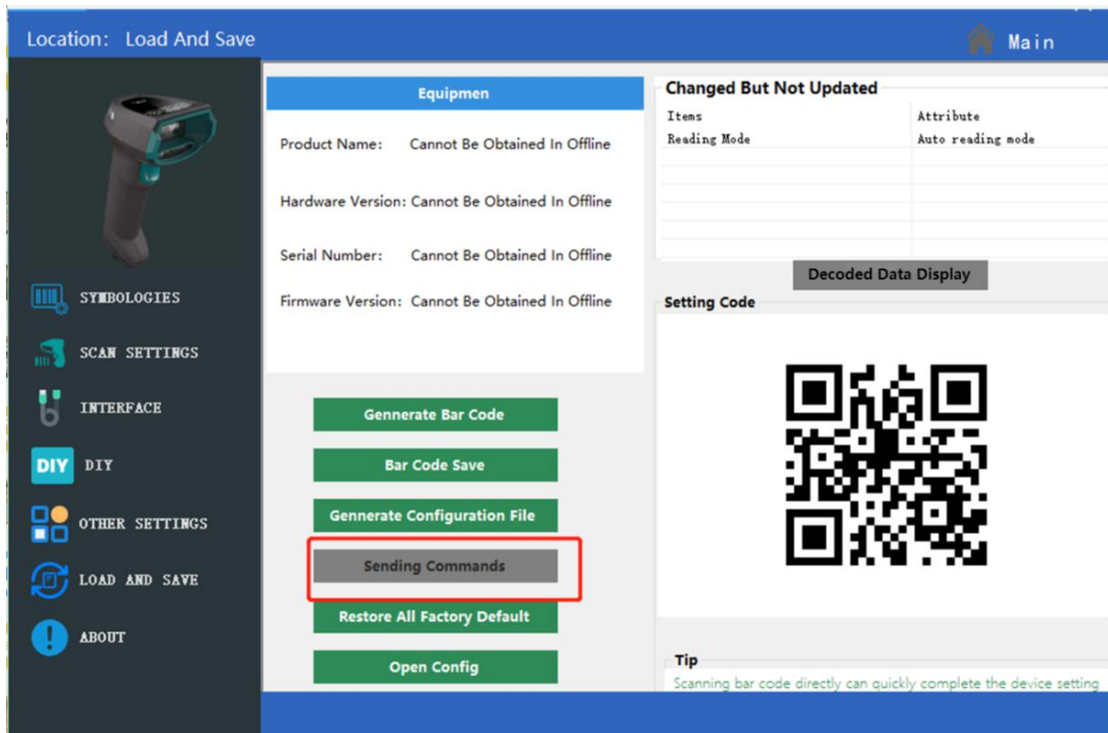
After all devices are being connected to the PC, enter Batch mode – Load and save, then scan the barcode one by one. Refresh the device, select the corresponding configuration then click “Issue command” .



Connecting the devices:

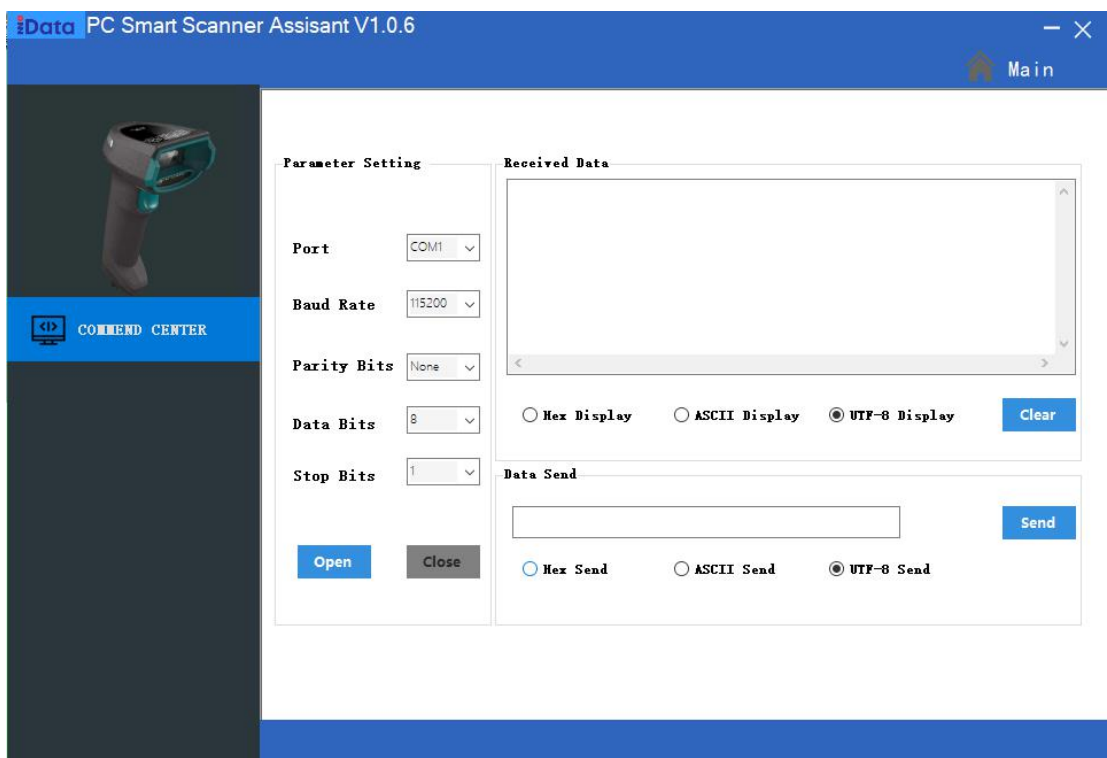
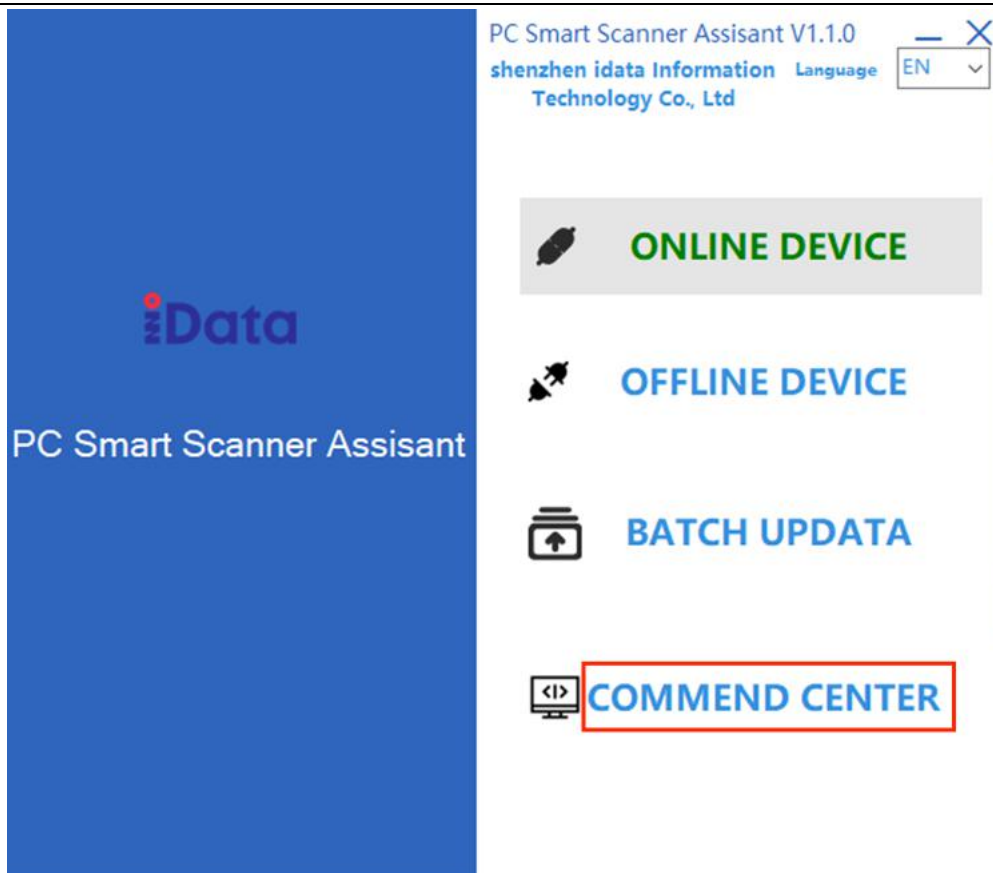


Select the modified content, then click "Issue command" , it will display "succeeded" .



4. Command Interchange

After the scanner turns on the virtual serial port or connect to the software by scanning, then enter the command interaction, check the serial port number of the computer device manager, and click to turns on the serial port. On this page, you can change the serial port related data and send data, details are as follow.

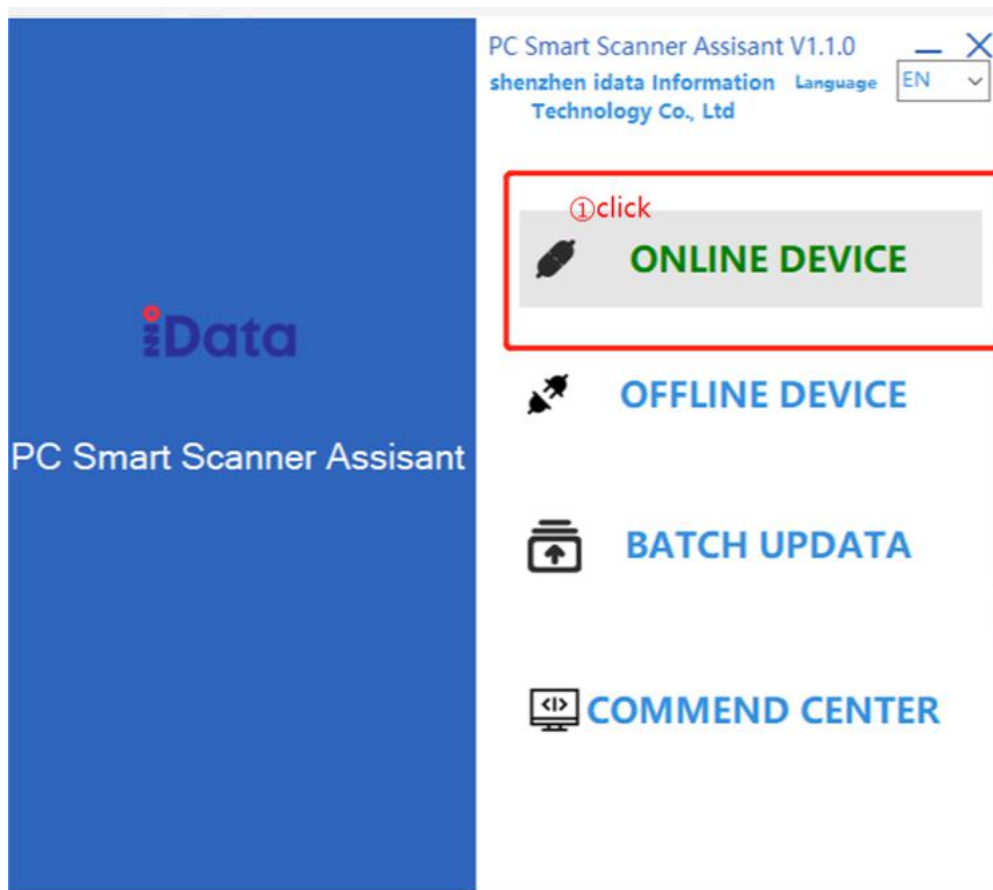


5. Case Demonstration

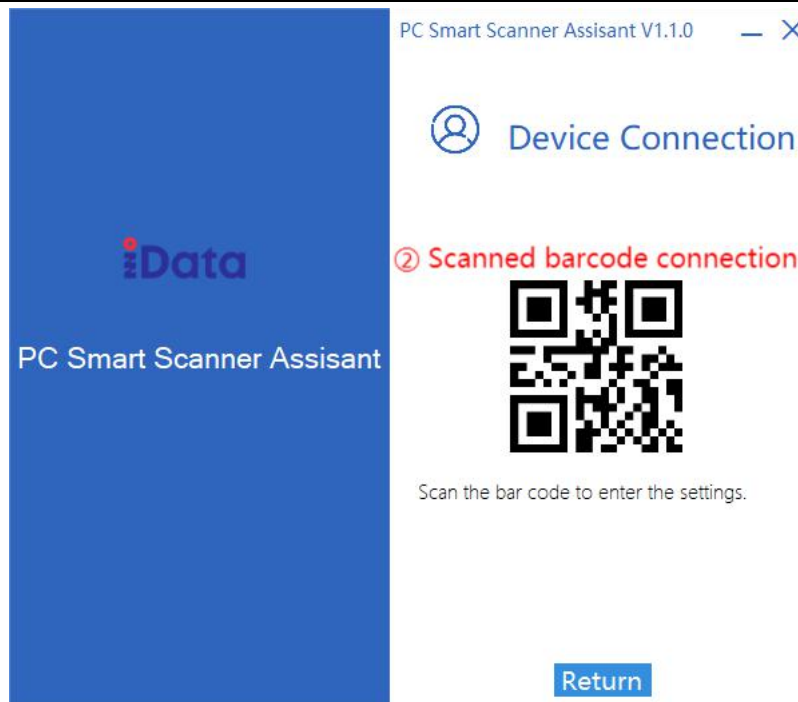
5.1 Online Device

Turn off the decoding succeeded notification, and the fill light in setting.
Then add a customized prefix.

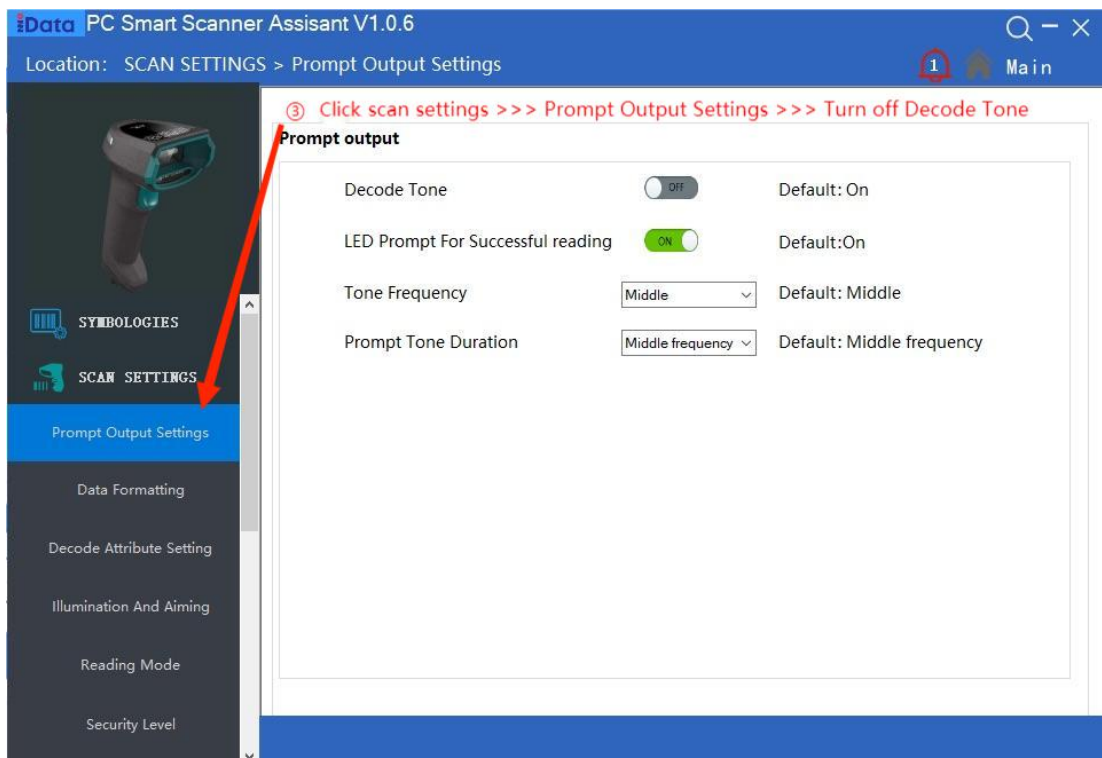
1)



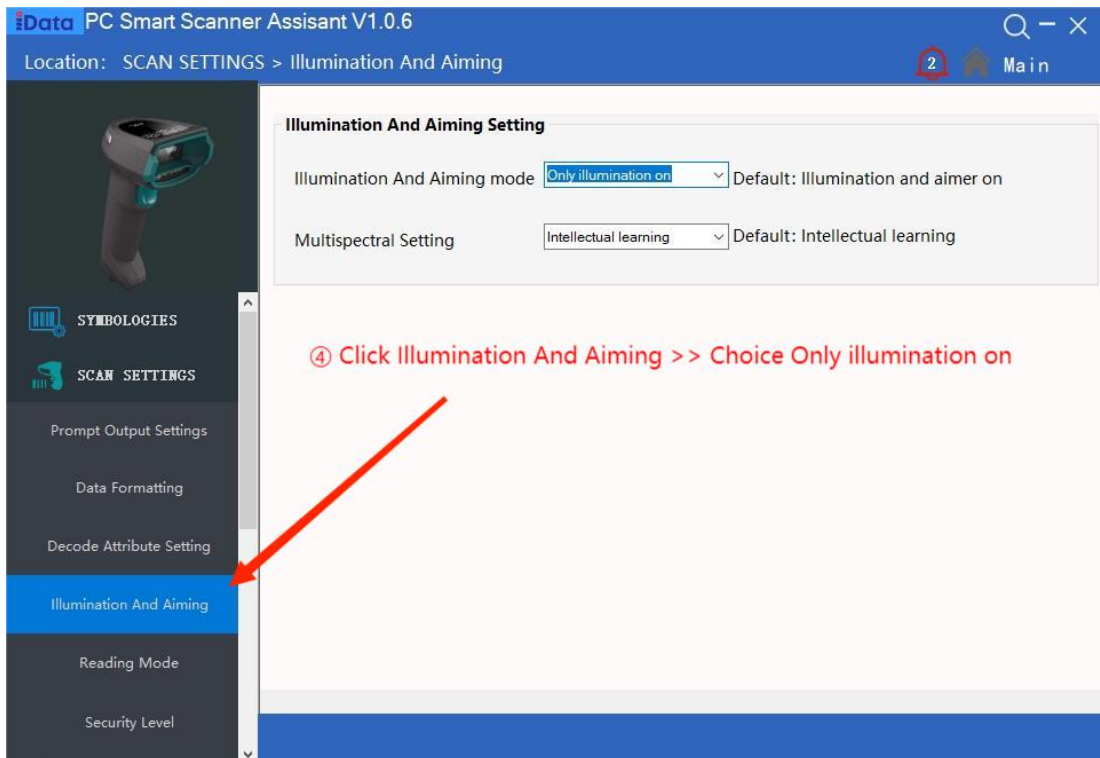
2)



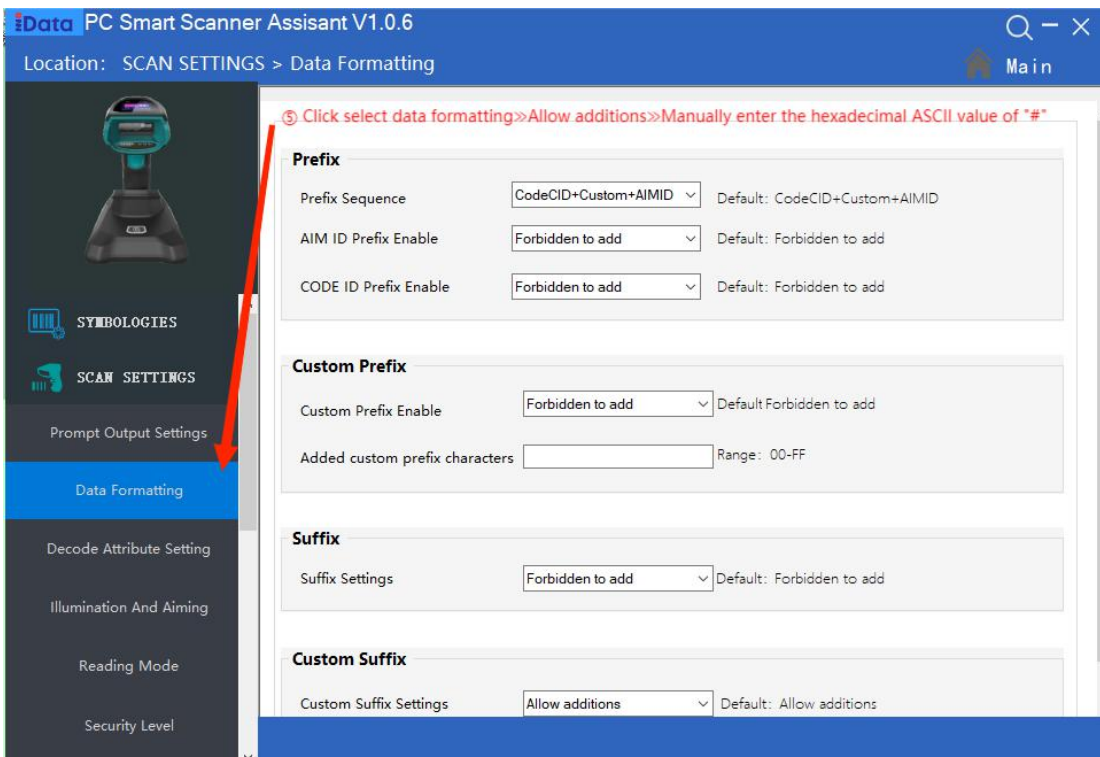
3)



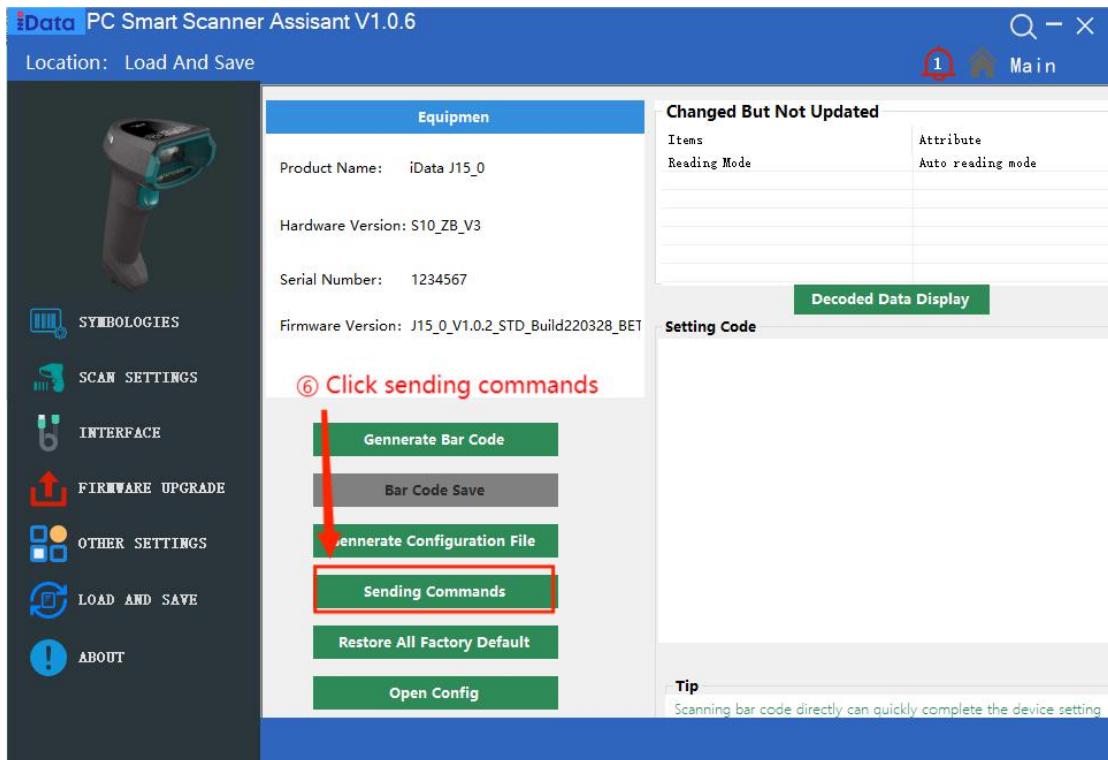
4)



5)



6)



5.2 Offline Configuration

Turn off the decoding succeeded notification and the fill light in setting. Then add a customized prefix.

Follow the steps 1 to 5 of "Online mode", then click "Generating a setting barcode". Use the device to scan the barcode to complete the setting.

