

Scanner Set

User Manual

Rev.1.1

CONTENT

1. Introduction	3
2. Supported Devices	3
3. Installation	4
4. Usage	6
4.1. Main interface	6
4.1.1. Working mode	6
4.1.2. Switch language	7
4.1.3. Switch interface	7
4.1.4. Check for updates	9
4.2. Online device	10
4.2.1. View device information	10
4.2.2. Enter the device settings interface	12
4.2.3. Device settings	15
4.1. Offline device	28
4.1.1. Enter the device settings interface	28
4.1.2. Device settings	30
4.2. Command interaction	39
4.3. Firmware Update	40

1. Introduction

Scanner Set is a PC software used to support our company's one-dimensional and QR handheld scanners, demo scanners, and embedded scanners. It mainly performs device configuration settings and device interaction. It includes the following main functions:

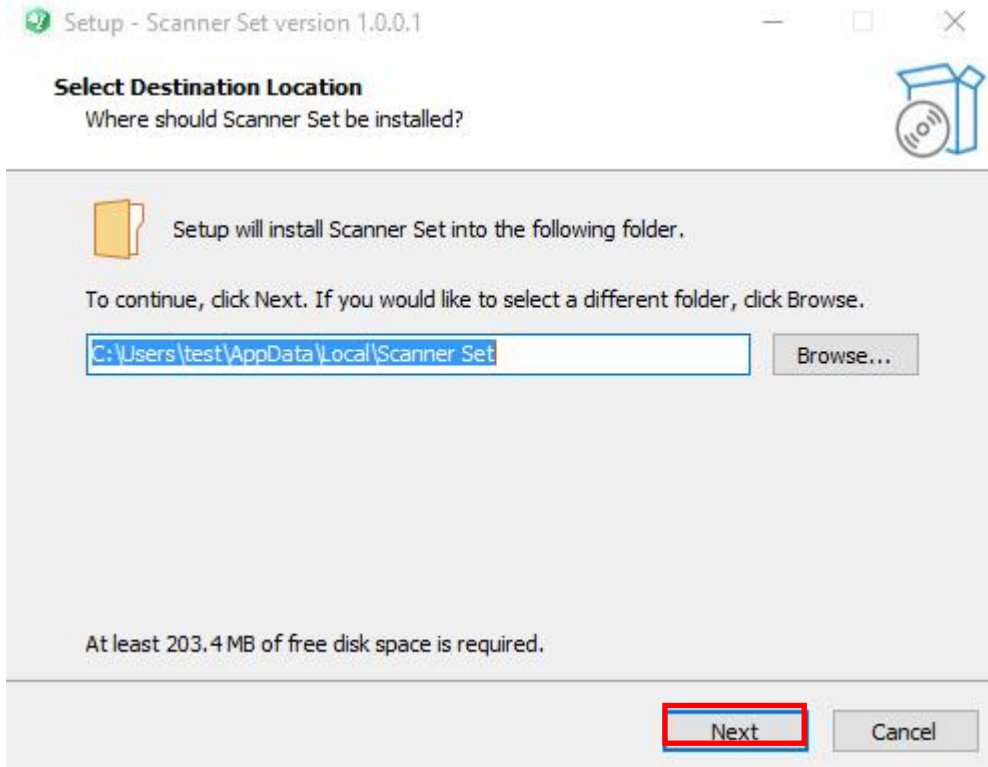
- Device online: Obtaining device information and setting parameters, allowing for modification of settings and device interaction.
- Device offline: You can select the corresponding device for configuration.
- Support device firmware updates.
- Open/save device settings.
- Generate setting codes, support saving as PDF or Word files.
- Obtain device images.
- Support interaction with devices through commands.
- Supports both Chinese and English interfaces.

2. Supported Devices

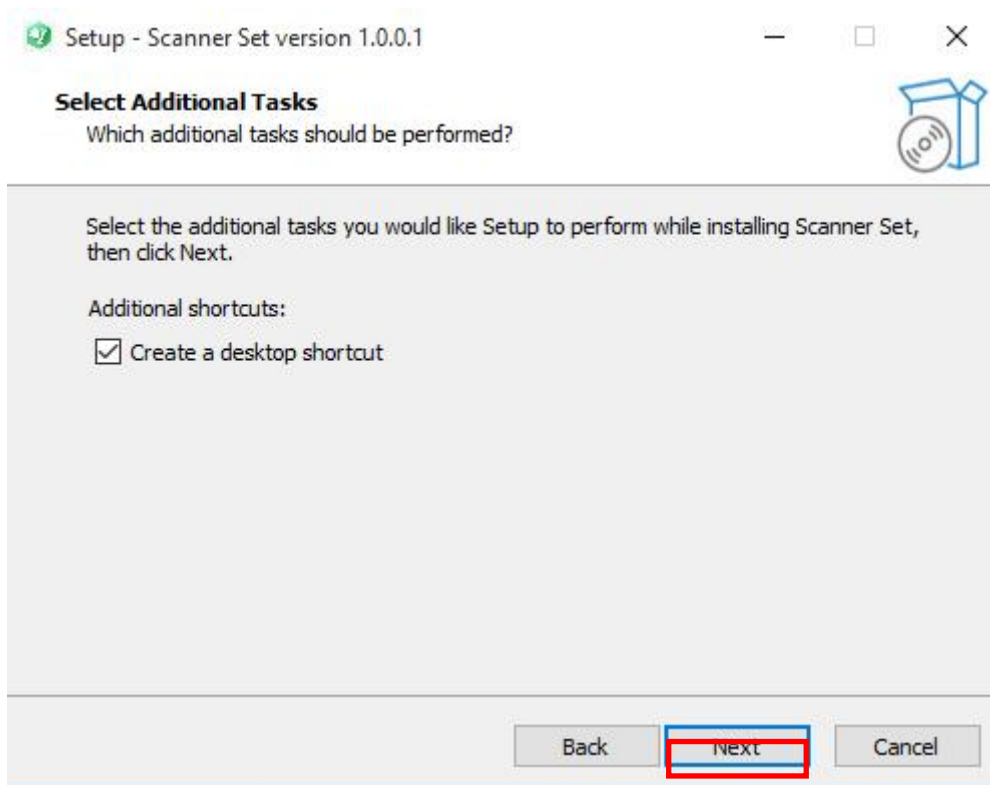
- Handheld scanner: HM-3050SR, HN-1308SR, HN-1358SR, HN-3208SR, HN-3308SR, HN-3378SR, HN-3508SR, HN-3578SR, HN-6208SR, HN-6278SR, HM-7208HD, HN-7278HD, HN-8208SR.
- Demo Scanner: DD2208, HP-1207WA, HP-1307WA, HP-2208SR, HP-5208SR.
- Embedded Scanner: HE-1218WA, HE-1318WA.

3. Installation

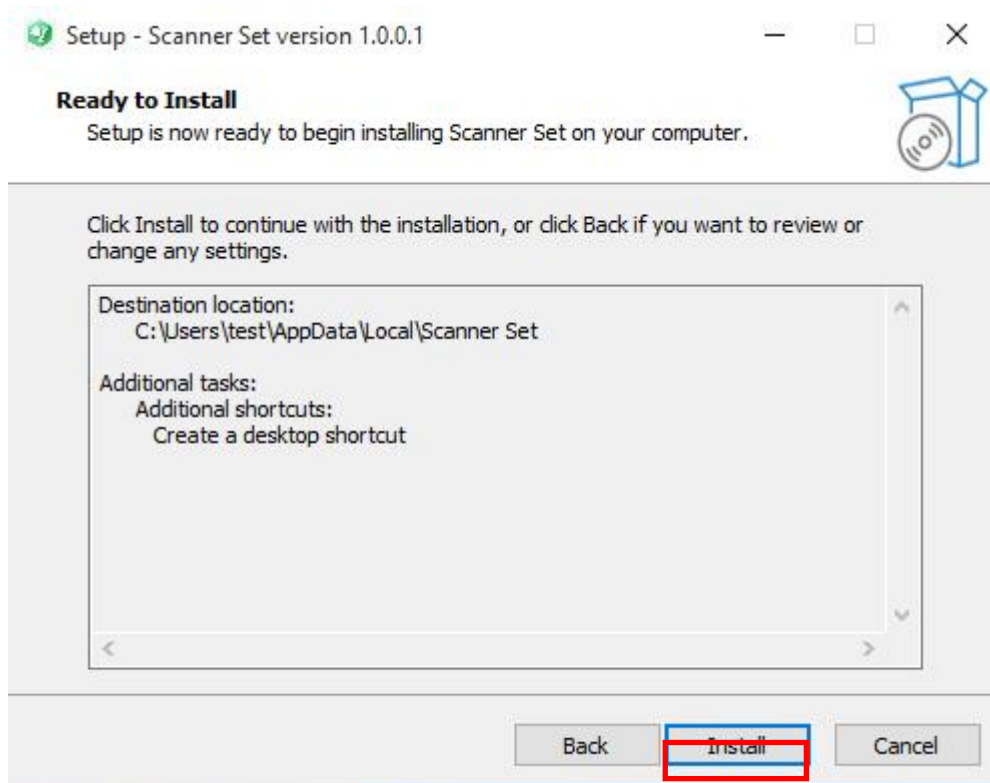
- 1) Double click on the installation package.
- 2) Select the target location and click "Next".



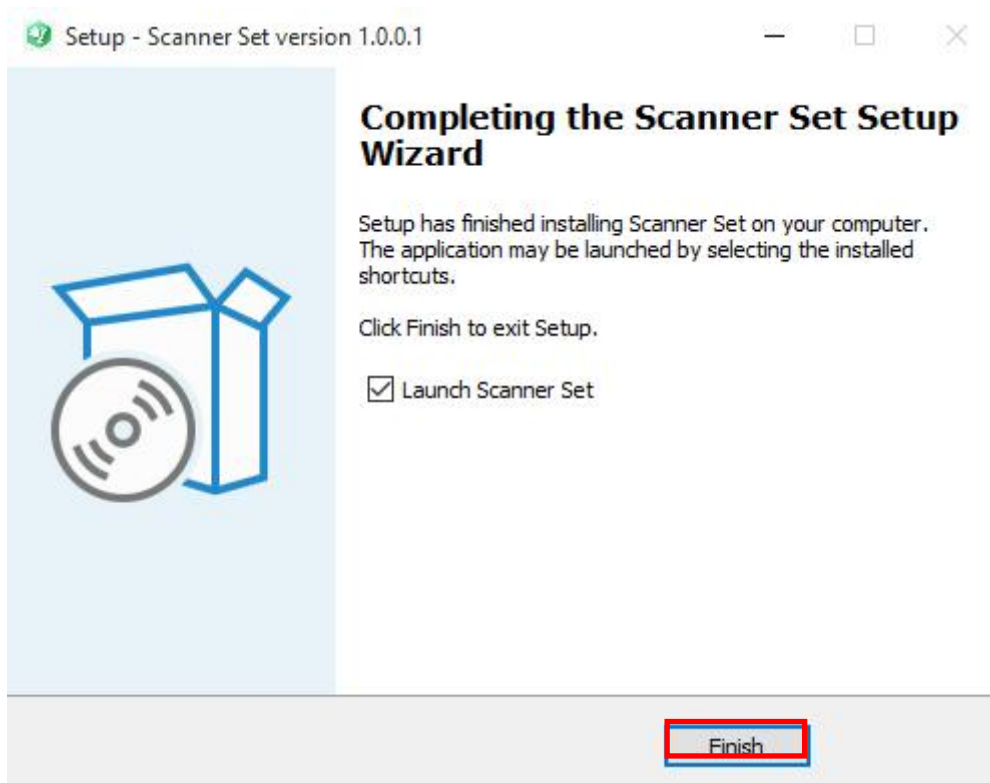
3) Select the additional task and click "Next".



4) Click "Install" to start installing Scanner Set.



5) Click "Finish". Scanner Set installation completed.



4. Usage

Important: This software requires an available network environment, please ensure that your network is in a normal state.

4.1. Main interface

4.1.1. Working mode

The Scanner Set supports three modes: Online device/Offline device/Command interaction.

Online device: After the device is connected to the PC, the Scanner Set can detect the device and obtain device settings.

Offline device: Users can select the corresponding device, modify the settings, and generate a settings file.

Command interaction: After the device is connected to the PC, users can communicate with the device through commands.

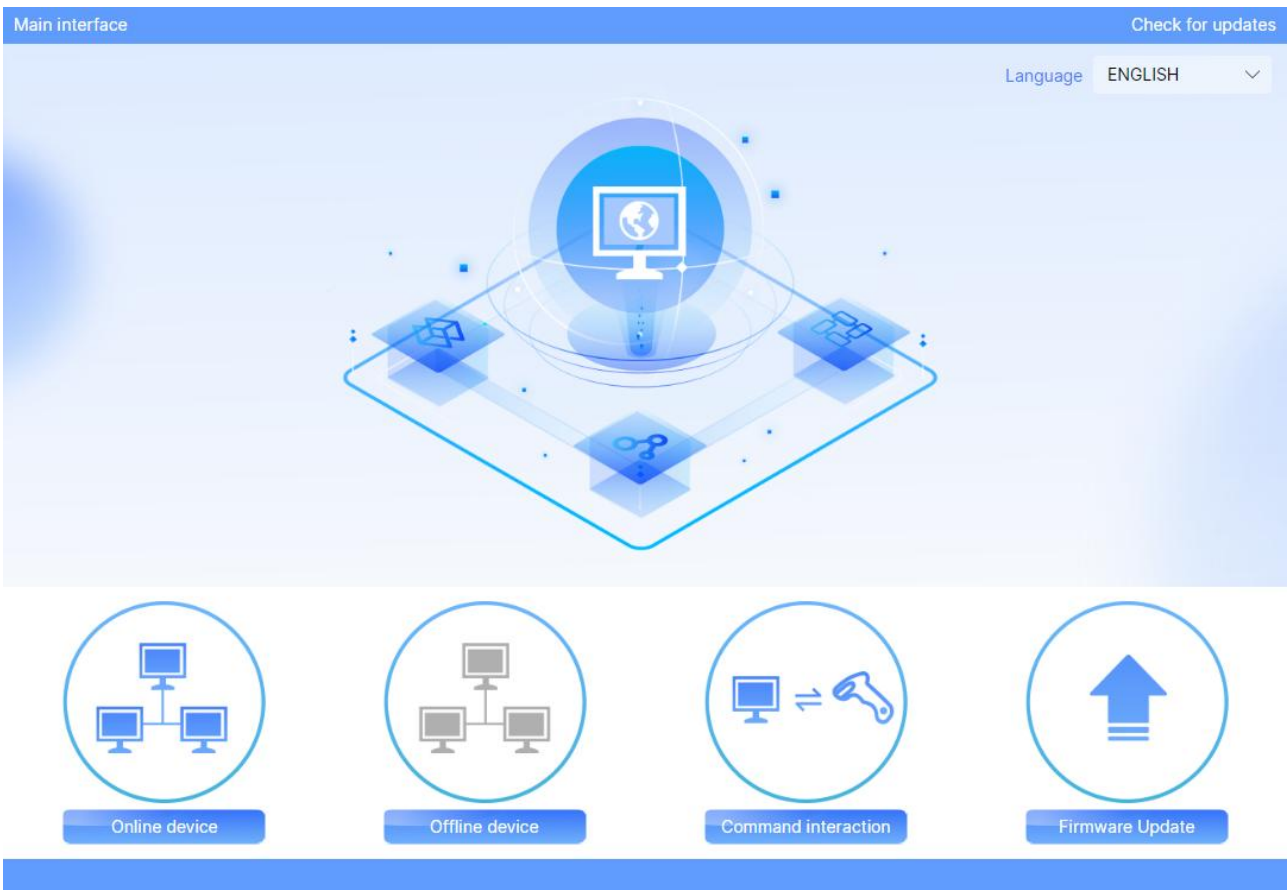
4.1.2. Switch language

Click on the "Language" drop-down menu in the upper right corner to switch between Chinese and English.



4.1.3. Switch interface


The main interface displays as follows:



If you enter another interface, click the interface button in the upper left corner to return to the main interface.

< Online device

Check for updates



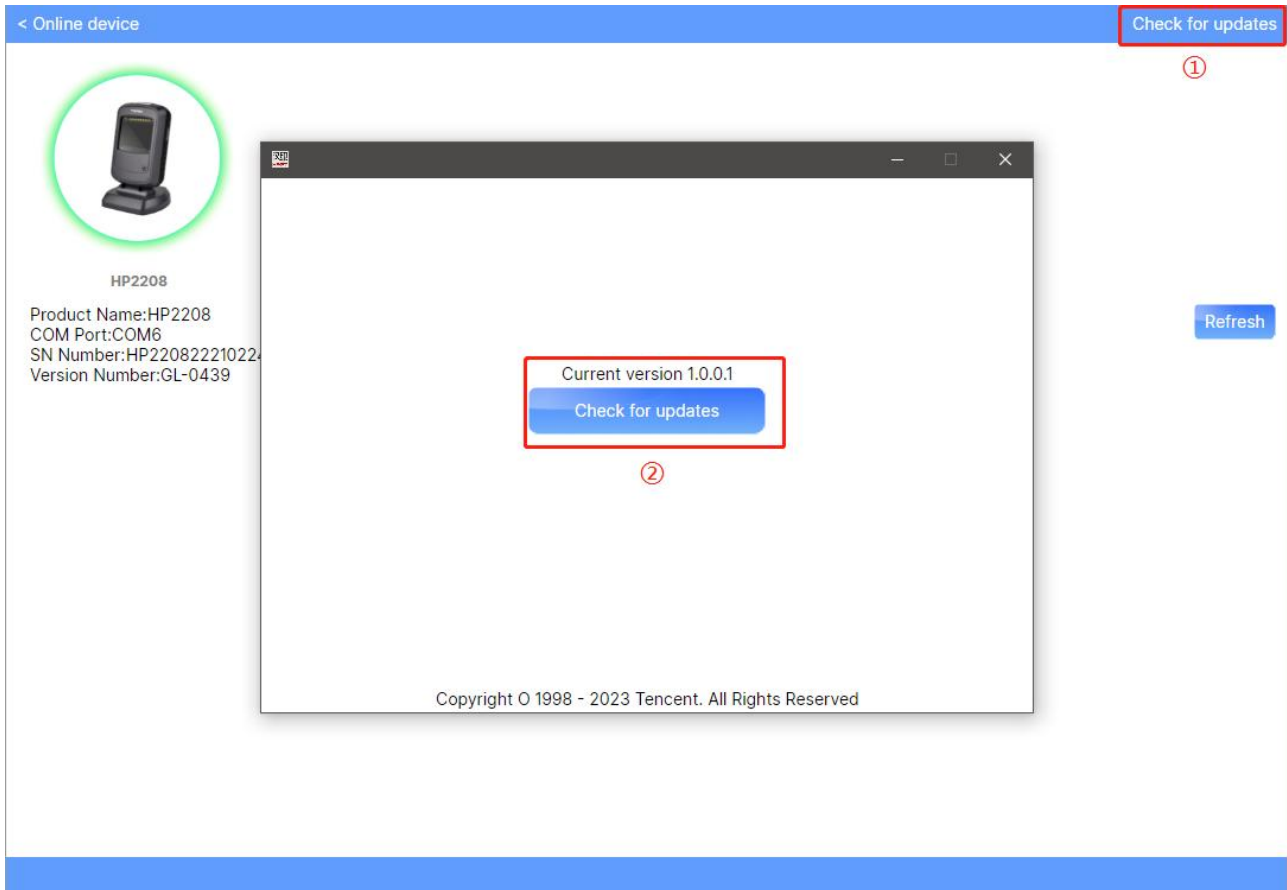
HP2208

Product Name:HP2208
COM Port:COM6
SN Number:HP220822210224
Version Number:GL-0439

Refresh

4.1.4. Check for updates

Click on "Check for updates" in the upper right corner to view the current version of the Scanner Set. If you need to update the software, you can click "Check for updates" to update the latest version of Scanner Set online.



4.2. Online device

4.2.1. View device information

1) Click "Online device" to enter the online device list interface.



2) View the product name, COM port, SN number, and version number of the online device.

< Online device

Check for updates



HP2208

Product Name:HP2208
COM Port:COM6
SN Number:HP220822210224
Version Number:GL-0439

Refresh

Note: Click "Refresh" and the Scanner Set will re-detect devices connected to the PC.


4.2.2. Enter the device settings interface

1) Click on "Online device".



2) Double click on the corresponding device to enter the device settings interface.

< Online device Check for updates



HP2208

Product Name:HP2208
COM Port:COM6
SN Number:HP220822210224
Version Number:GL-0439

If the device is online, the software will directly obtain the supported settings from the device and display the current value of each setting.

< Device settings Check for updates

1.Settings 2. Barcode settings 3. Data format 4. Get image 5. Device interaction


Communication interface System settings

Interface type RS-232 settings Keyboard Settings

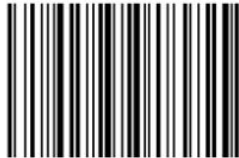
Interface type

- USB virtual keyboard
- USB virtual serial port
- RS232 serial port
- HID POS
- Bluetooth
- HID mode-storage mode (Bluetooth keyboard wireless version)
- HID mode-automatic storage Mode (Bluetooth keyboard wireless version)
- GATT mode (Bluetooth keyboard wireless version)

Scan device


HP2208

Configuration History


Set to COM mode

<input type="button" value="Open"/>	<input type="button" value="Save"/>
<input type="button" value="Load factory de"/>	<input type="button" value="Save user defai"/>
<input type="button" value="Load user defai"/>	<input type="button" value="Save to device"/>

4.2.3. Device settings

4.2.3.1. Settings

[Enter the device settings interface:](#)

- Click "Settings" to modify communication interface settings (interface type, RS-232 settings, keyboard settings), system settings (scan settings, hardware settings):

Item		Description
Communication Interface	Interface type	
	RS-232 settings	

Item		Description
	Keyboard settings	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Communication interface System settings </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Interface type RS-232 settings Keyboard Settings </div> <div style="padding: 5px;"> <p>Keyboard Settings</p> <p>National keyboard layout Finnish (Swedish) ▾</p> <p>Control character output Send as characters ▾</p> <p>Output character delay (ms) 3</p> <p>Case conversion Turn off the case conve ▾</p> </div> </div>

Item		Description
System settings	Scan Settings	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Communication interface System settings </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Scan Settings Hardware Settings </div> <div style="padding: 5px;"> <p>Scan Settings</p> <p>Decoding mode Automatic sensing ▾</p> <p>One code reading timeout (ms) 9900</p> <p>Reread delay time (same barcode) (ms) 4</p> <p>Image sensing sensitivity (sensing mode) 5</p> <p>Read the number of multiple codes ▾</p> <p>Reading multi-code sensitivity Level 1 ▾</p> <p>Center Aim <input checked="" type="radio"/> Off</p> <p>Screen Scan Normal mode ▾</p> </div> </div>

Item	Description
Hardware Settings	<div style="border: 1px solid #ccc; padding: 10px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 10px;"> Communication interface System settings </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 10px;"> Scan Settings Hardware Settings </div> <div style="margin-top: 10px;"> <p>Hardware Settings</p> <p>Boot sound <input type="checkbox"/> Off</p> <p>Decoding successful sound <input type="checkbox"/> Off</p> <p>Decoding successful sound volume Large v</p> <p>Decoding successful sound tone High v</p> <p>Fill light Off v</p> <p>Fill light color White v</p> <p>Aiming light on v</p> <p>Vibration <input checked="" type="checkbox"/> On</p> <p>Hang time 15 minutes v</p> </div> </div>

- Click on "Barcode settings" to modify the device barcode settings (global settings, one-dimensional code, QR code, postal, compound code):

Item	Description
Global settings	<div style="border: 1px solid #ccc; padding: 10px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 10px;"> Global settings One-dimensional code QR code </div> <div style="margin-top: 10px;"> <p>Global settings</p> <p>Read all barcodes <input type="checkbox"/> Off</p> <p>Read one-dimensional reverse color code <input checked="" type="checkbox"/> On</p> <p>Read all 1D codes <input type="checkbox"/> Off</p> <p>Read all QR codes <input type="checkbox"/> Off</p> </div> </div>

Item	Description
One-dimensional code	<div data-bbox="635 219 1369 1016"> <p>Global settings One-dimensional code QR code OCR</p> <p>UPC Codes EAN Codes Code 11/128/39/93 Codabar</p> <hr/> <p>UPC-A</p> <hr/> <p>UPC-E</p> <p>Read UPC-E <input checked="" type="checkbox"/> On</p> <p>Transmit check digit <input type="text" value=""/></p> <p>Read 2-digit extension code <input type="checkbox"/> Off</p> <p>Read 5-digit extension code <input type="checkbox"/> Off</p> <p>Must have 2/5 digit extension code <input type="checkbox"/> Off</p> <p>Send previous text <input type="text" value=""/></p> <p>UPC-E to UPC-A <input checked="" type="checkbox"/> Yes</p> </div>
	<div data-bbox="523 1043 1481 1435"> <p>Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p>UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p>EAN-13</p> <hr/> <p>EAN-8</p> <hr/> <p>ISBN</p> <hr/> <p>ISSN</p> </div>
	<div data-bbox="523 1469 1481 1995"> <p>Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p>UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p>Code 11</p> <hr/> <p>Code 128</p> <hr/> <p>Code 39</p> <hr/> <p>Code 93</p> <hr/> <p>ISBT 128</p> <hr/> <p>GSI-128(UCC/EAN-128)</p> </div>

Item	Description
Codabar	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">Codabar</p> <p style="margin: 10px 0 0 20px;">Read Codabar <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Start and terminator CLSI editing <input type="checkbox"/> Off</p> <p style="margin: 10px 0 0 20px;">Start and end character NOTIS editing <input type="checkbox"/> Off</p> </div>
MSI	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">MSI</p> <p style="margin: 10px 0 0 20px;">Read MSI Plessey <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">MSI check digit <input type="text" value=""/></p> <p style="margin: 10px 0 0 20px;">Transmit check digit <input type="checkbox"/> Off</p> <p style="margin: 10px 0 0 20px;">Check digit algorithm <input type="text" value=""/></p> </div>
2 of 5 Codes	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">Interleaved 2/5</p> <p style="margin: 10px 0 0 20px;">Read Interleaved 2/5 <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Check digit <input type="text" value=""/></p> <p style="margin: 10px 0 0 20px;">Transmission check digit <input type="text" value=""/></p> <hr/> <p style="margin: 0;">Matrix 2/5</p> <p style="margin: 10px 0 0 20px;">Read Matrix 2/5 <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Check digit <input type="text" value="No check digit"/></p> <p style="margin: 10px 0 0 20px;">Transmission check digit <input type="text" value="Do not transmit check c"/></p> </div>

Item	Description
Other	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other </div> <div style="margin-top: 10px;"> <p>Other</p> <p style="margin-left: 40px;">Read GS1 Databar <input checked="" type="checkbox"/> On</p> <p style="margin-left: 40px;">GS1 Databar to UPC/EAN <input checked="" type="checkbox"/> On</p> <p style="margin-left: 40px;">GS1 Databar Limited Expanded <input checked="" type="checkbox"/> On</p> <p style="margin-left: 40px;">GS1 Expanded <input checked="" type="checkbox"/> On</p> </div> </div>

Item	Description
QR code	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="margin-top: 10px;"> <p>PDF417</p> <hr/> <p>QR Code</p> <hr/> <p>Data Matrix</p> <hr/> <p>Aztec Code</p> <hr/> <p>MaxiCode</p> <hr/> </div> </div>
OCR	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="margin-top: 10px;"> <p>Passport OCR</p> <hr/> <p>Price Filed</p> <hr/> <p>MICR E-13B</p> <hr/> <p>ISBN</p> <hr/> </div> </div>

Item	Description
Postal	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="margin-top: 5px;"> <p style="margin: 0;">Postal</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Read US Postnet <input checked="" type="checkbox"/> On</p> <p>Read UK Postal <input checked="" type="checkbox"/> On</p> <p>Read Australia Post <input checked="" type="checkbox"/> On</p> <p>Read USPS 4CB <input checked="" type="checkbox"/> On</p> <p>Read China Postal <input checked="" type="checkbox"/> On</p> </div> <div style="width: 45%;"> <p>Read US Planet <input checked="" type="checkbox"/> On</p> <p>Read Japan Postal <input checked="" type="checkbox"/> On</p> <p>Read Netherlands KIX Code <input checked="" type="checkbox"/> On</p> <p>Read UPU FISC Postal <input checked="" type="checkbox"/> On</p> <p>Read Korean Postal <input checked="" type="checkbox"/> On</p> </div> </div> </div> </div>
Compound Code	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="margin-top: 5px;"> <p style="margin: 0;">Compound Code</p> <p>Read composite code <input type="checkbox"/> Off</p> </div> </div>

➤ Click on "Data format" to set the following parameters:

< Device settings

1.Settings 2. Barcode settings **3. Data format** 4. Get image 5. Device interaction

Data editing ^

ITF clipping digits

Replace the horizontal bar (-) in the DM code with the carriage return character On

Group character to space character Off

Delimiter to #29F On

Replace - and @ with TAB characters On

HID leading control character form ▾

HID trailing control character form ▾

Get barcode data in the specified range

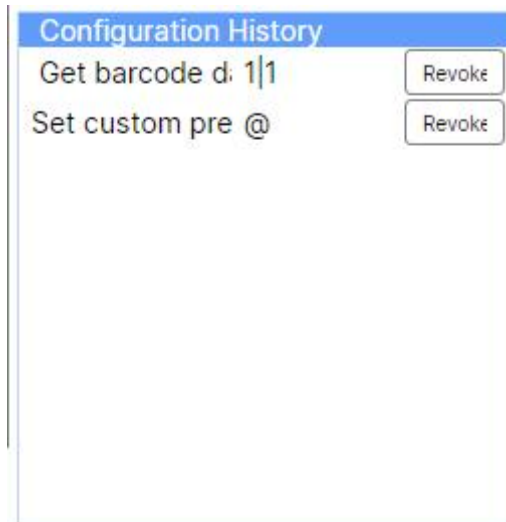
Brazilian barcode rule filling On

Read-only digital barcode On

EAN-13 trim last digit On

EAN-8 trim last digit On

4.2.3.2. Configuration History



The configuration history module on the right side displays the configuration items modified by the user. Click "undo" on the right side of the modification item to undo the operation and restore it to its original value.

4.2.3.3. Save Configuration

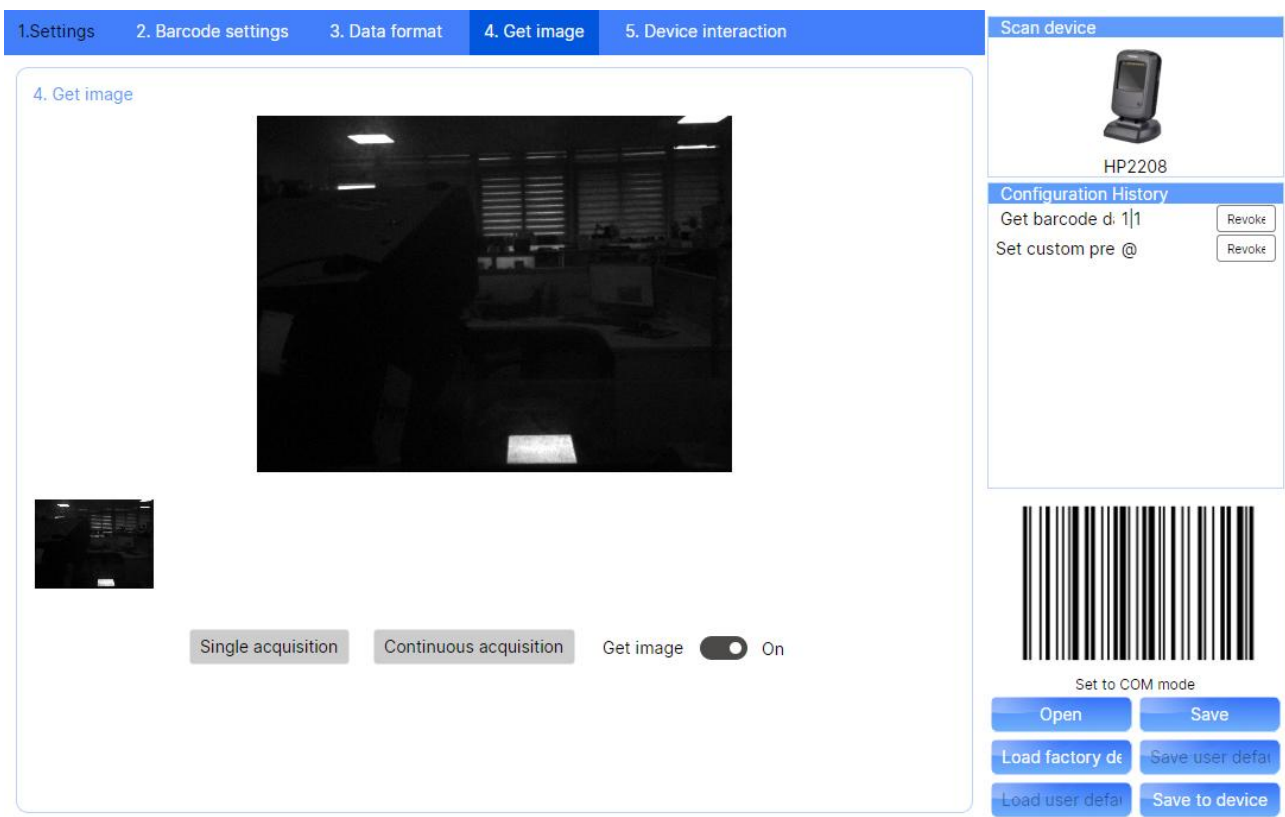


Click "Save" to save all current configuration items as XML configuration files locally. Click "Save to device" to send the modified settings to the device connected to the PC.

4.2.3.4. Get image

- 1) [Enter the device settings interface.](#)
- 2) Click "Get image".
- 3) Turn on the "Get image" switch.
- 4) Click "Single acquisition" to obtain an image. Click "Continuous acquisition" to obtain multiple images.

The software will retrieve the corresponding image from the device and display it based on the selected parameters.



4.2.3.5. Device interaction

Users can communicate with the device by directly sending setting instructions.

- 1) [Enter the device settings interface.](#)
- 2) Click on "Device interaction".
- 3) You can perform the following actions:

- Click "Command interaction" to modify device configuration through commands.

Note: For command related formats, please refer to the user manual.

- Click on "Setting barcode" to set and generate a "1D Bar Code" or "All In One Bar Code" setting code.

Note: To use this function, it is necessary to turn on the global configuration switch for [barcode settings](#).

1D Bar Code:

Generate one-dimensional code: Select the configuration to generate one-dimensional code, and then click "Generate one-dimensional code" to generate the corresponding one-dimensional code for the configuration item. Checking multiple configurations will generate multiple one-dimensional codes.

Save as PDF: Click to save the generated one-dimensional code as a PDF file locally.

Save as Word: Click to save the generated one-dimensional code as a word file locally.

Title: Enter the content of the Title field in a PDF/Word file.

Comments: Enter the content of the Comments field in the PDF/Word file.

Display text: When checked, hexadecimal text will be displayed below the one-dimensional code.

Show function text: When checked, the function text will be displayed below the one-dimensional code.

Function text shown above: When checked, the function text will be displayed above the one-dimensional code.

Horizontal scale: Adjust the horizontal scale of the one-dimensional code.

Vertical scale: Adjust the vertical scale of the one-dimensional code.

Spacing: Adjust the distance between each one-dimensional code.

All In One Bar Code:

Generate QR code: Select the configuration to generate QR code, and then click "Generate QR code" to generate the corresponding QR code for the configuration item. Checking multiple configurations will only generate one QR code.

Save as PDF: Click to save the generated QR code as a PDF file locally.

Save as Word: Click to save the generated QR code as a word file locally.

Title: Enter the content of the Title field in a PDF/Word file.

Comments: Enter the content of the Comments field in the PDF/Word file.

Display Text: When checked, hexadecimal text will be displayed below the QR code.

Scale: Adjust the size of the QR code.

4.2.3.6. Set to COM mode

- 1) [Enter the device settings interface.](#)
- 2) If the scanner is not in COM mode, you can scan the code to set it to COM mode.



4.2.3.7. Open configuration file

- 1) [Enter the device settings interface.](#)
- 2) Click "Open" in the bottom right corner to select the saved device XML file or the corresponding configuration item for the device XML that you have written yourself.



The Scanner Set will automatically generate the corresponding configuration page based on the settings in the XML configuration file.

4.2.3.8. Load factory default

- 1) [Enter the device settings interface.](#)
- 2) Click on "Load factory default" in the bottom right corner to restore the configuration to its default values.



4.1. Offline device

In this module, you can view all device models supported by the software, set parameters for them, and then generate specific configuration files.

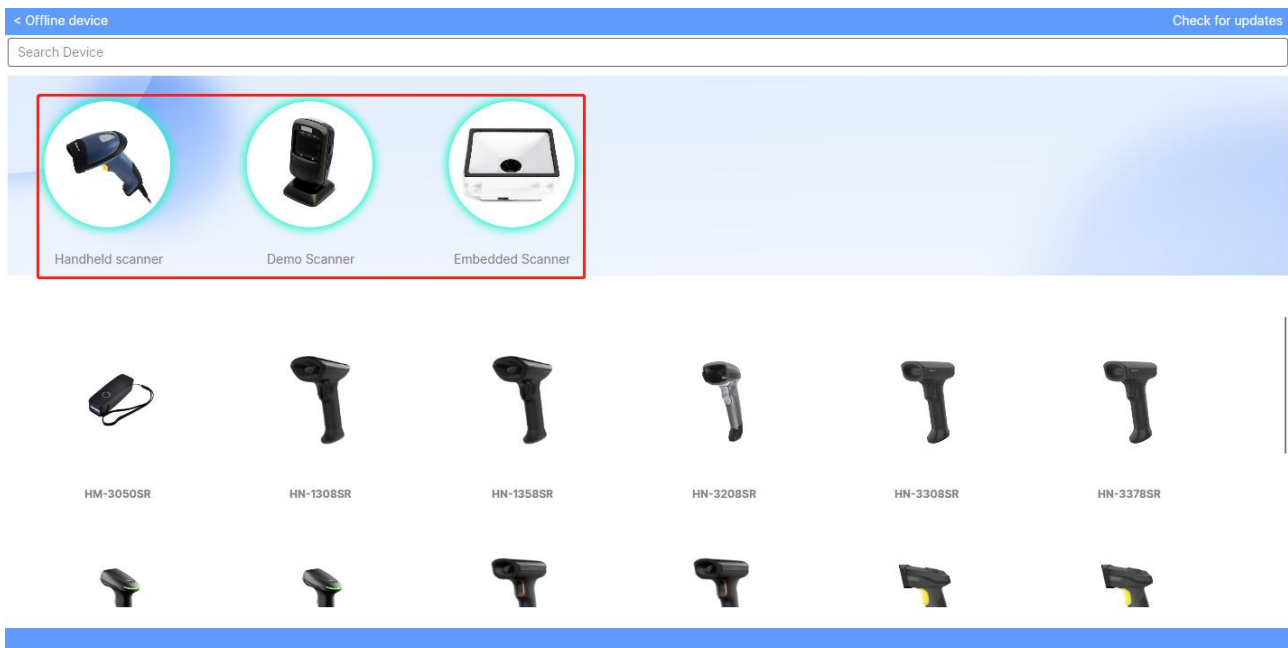
4.1.1. Enter the device settings interface

1) Click on "Offline device".

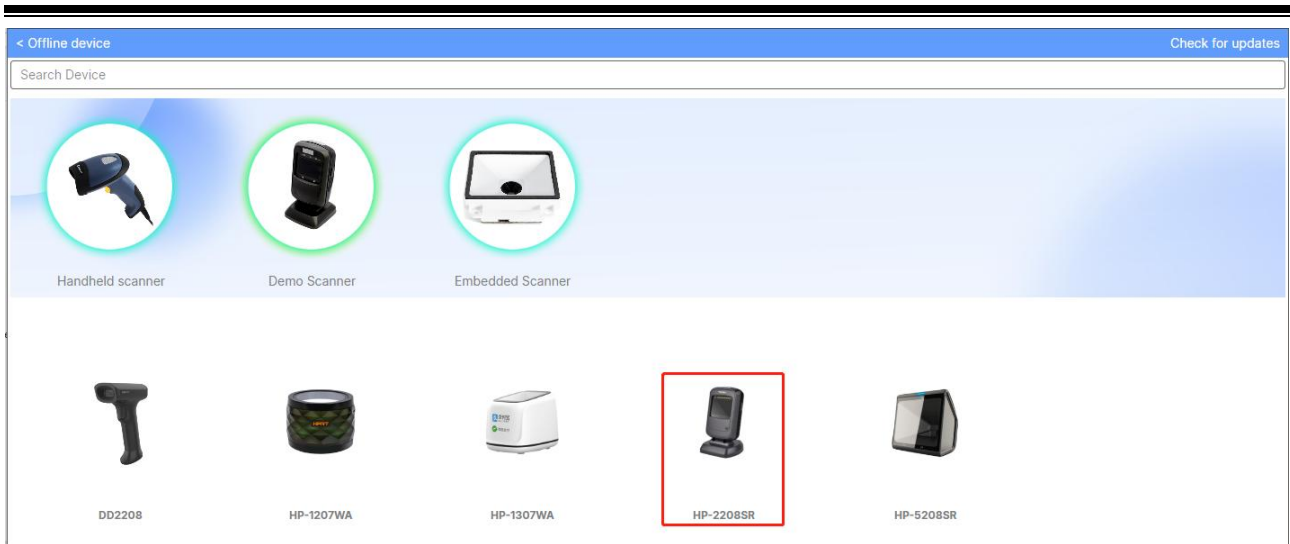


2) Select the corresponding device category.

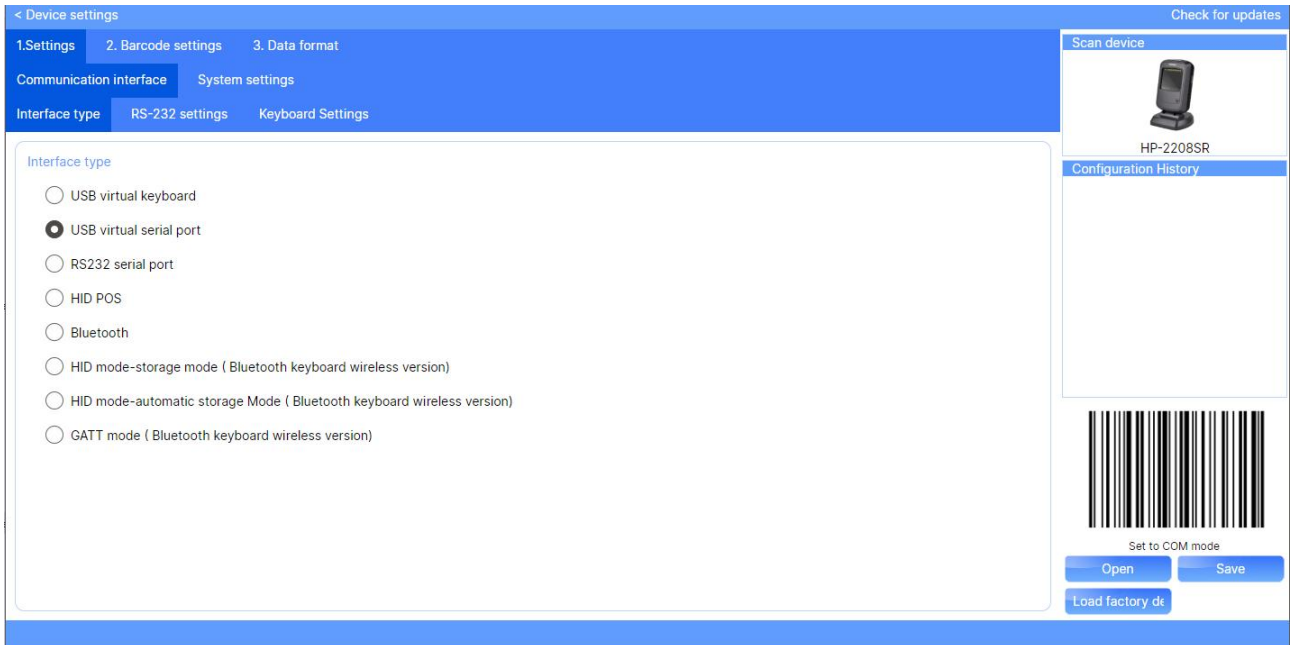
Note: You can also directly search for the corresponding device model in the search box.



3) Double click on the corresponding device to enter the device settings interface.



In offline device mode, the configuration page generated by the default factory configuration of the device will be displayed.



4.1.2. Device settings

4.1.2.1. Settings

[Enter the device settings interface:](#)

- Click "Settings" to modify communication interface settings (interface type, RS-232 settings, keyboard settings), system settings (scan settings, hardware settings):

Item		Description
Communication Interface	Interface type	
	RS-232 settings	

Item		Description
	Keyboard settings	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Communication interface System settings </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Interface type RS-232 settings Keyboard Settings </div> <div style="margin-top: 5px;"> <p>Keyboard Settings</p> <p>National keyboard layout <input type="text" value=""/></p> <p>Control character output <input type="text" value="Send as characters"/></p> <p>Output character delay (ms) <input type="text" value="1"/></p> <p>Case conversion <input type="text" value="Turn off the case conve"/></p> </div> </div>

Item		Description
System settings	Scan Settings	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Communication interface System settings </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Scan Settings Hardware Settings </div> <div style="margin-top: 5px;"> <p>Scan Settings</p> <p>Decoding mode <input type="text" value="Continuous light"/></p> <p>One code reading timeout (ms) <input type="text" value="9900"/></p> <p>Reread delay time (same barcode) (ms) <input type="text" value="9900"/></p> <p>Image sensing sensitivity (sensing mode) <input type="text" value="140"/></p> <p>Read the number of multiple codes <input type="text" value=""/></p> <p>Reading multi-code sensitivity <input type="text" value="Level 2"/></p> <p>Center Aim <input checked="" type="checkbox"/> On</p> <p>Screen Scan <input type="text" value="Scan screen mode"/></p> </div> </div>

Item	Description
Hardware Settings	<div style="border: 1px solid #ccc; padding: 10px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 10px;"> Communication interface System settings </div> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 10px;"> Scan Settings Hardware Settings </div> <div style="margin-top: 10px;"> <p>Hardware Settings</p> <p>Boot sound <input checked="" type="checkbox"/> On</p> <p>Decoding successful sound <input checked="" type="checkbox"/> On</p> <p>Decoding successful sound volume <input type="text" value="Small"/></p> <p>Decoding successful sound tone <input type="text" value="Medium"/></p> <p>Fill light <input type="text" value="Level 1"/></p> <p>Fill light color <input type="text" value="Red"/></p> <p>Aiming light <input type="text" value="on"/></p> <p>Vibration <input checked="" type="checkbox"/> On</p> <p>Hang time <input type="text" value="5 minutes"/></p> </div> </div>

- Click on "Barcode settings" to modify the device barcode settings (global settings, one-dimensional code, QR code, OCR, postal, compound code):

Item	Description
Global settings	<div style="border: 1px solid #ccc; padding: 10px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 10px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="margin-top: 10px;"> <p>Global settings</p> <p>Read all barcodes <input checked="" type="checkbox"/> On</p> <p>Read one-dimensional reverse color code <input checked="" type="checkbox"/> On</p> <p>Read all 1D codes <input checked="" type="checkbox"/> On</p> <p>Read all QR codes <input checked="" type="checkbox"/> On</p> </div> </div>

Item	Description
One-dimensional code	<div data-bbox="520 219 1481 936"> <p>Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p>UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p>UPC-A</p> <hr/> <p>UPC-E</p> <hr/> <p>Read UPC-E <input checked="" type="checkbox"/> On</p> <p>Transmit check digit <input type="text" value="Do not send check digit"/></p> <p>Read 2-digit extension code <input checked="" type="checkbox"/> On</p> <p>Read 5-digit extension code <input checked="" type="checkbox"/> On</p> <p>Must have 2/5 digit extension code <input type="checkbox"/> Off</p> <p>Send previous text <input type="text" value="Do not transmit system"/></p> <p>UPC-E to UPC-A <input checked="" type="checkbox"/> Yes</p> </div>
	<div data-bbox="520 967 1481 1339"> <p>Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p>UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p>EAN-13</p> <hr/> <p>EAN-8</p> <hr/> <p>ISBN</p> <hr/> <p>ISSN</p> <hr/> </div>
	<div data-bbox="520 1377 1481 1886"> <p>Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p>UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p>Code 11</p> <hr/> <p>Code 128</p> <hr/> <p>Code 39</p> <hr/> <p>Code 93</p> <hr/> <p>ISBT 128</p> <hr/> <p>GS1-128(UCC/EAN- 128)</p> <hr/> </div>

Item	Description
Codabar	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">Codabar</p> <p style="margin: 10px 0 0 20px;">Read Codabar <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Start and terminator CLSI editing <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Start and end character NOTIS editing <input checked="" type="checkbox"/> On</p> </div>
MSI	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">MSI</p> <p style="margin: 10px 0 0 20px;">Read MSI Plessey <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">MSI check digit <input type="text" value="1 check digit"/></p> <p style="margin: 10px 0 0 20px;">Transmit check digit <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Check digit algorithm <input type="text" value="MOD 10/MOD 10"/></p> </div>
2 of 5 Codes	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">Interleaved 2/5</p> <p style="margin: 10px 0 0 20px;">Read Interleaved 2/5 <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Check digit <input type="text" value="No check digit"/></p> <p style="margin: 10px 0 0 20px;">Transmission check digit <input type="text" value="Do not transmit check c"/></p> <hr/> <p style="margin: 0;">Matrix 2/5</p> <p style="margin: 10px 0 0 20px;">Read Matrix 2/5 <input checked="" type="checkbox"/> On</p> <p style="margin: 10px 0 0 20px;">Check digit <input type="text" value="No check digit"/></p> <p style="margin: 10px 0 0 20px;">Transmission check digit <input type="text" value="Do not transmit check c"/></p> </div>

Item	Description
Other	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <p style="margin: 0;">UPC Codes EAN Codes Code 11/128/39/93 Codabar MSI 2 of 5 Codes Other</p> <hr/> <p style="margin: 0;">Other</p> <p style="margin: 5px 0 0 20px;">Read GS1 Databar <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">GS1 Databar to UPC/EAN <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">GS1 Databar Limited Expanded <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">GS1 Expanded <input checked="" type="checkbox"/> On</p> </div>

Item	Description
QR code	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <hr/> <p style="margin: 0;">PDF417</p> <hr/> <p style="margin: 0;">QR Code</p> <hr/> <p style="margin: 0;">Data Matrix</p> <hr/> <p style="margin: 0;">Aztec Code</p> <hr/> <p style="margin: 0;">MaxiCode</p> </div>
OCR	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <hr/> <p style="margin: 0;">Passport OCR</p> <hr/> <p style="margin: 0;">Price Filed</p> <hr/> <p style="margin: 0;">MICR E-13B</p> <hr/> <p style="margin: 0;">ISBN</p> </div>
Postal	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="margin: 0;">Global settings One-dimensional code QR code OCR Postal Compound Code</p> <hr/> <p style="margin: 0;">Postal</p> <p style="margin: 5px 0 0 20px;">Read US Postnet <input checked="" type="checkbox"/> On Read US Planet <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">Read UK Postal <input checked="" type="checkbox"/> On Read Japan Postal <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">Read Australia Post <input checked="" type="checkbox"/> On Read Netherlands KIX Code <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">Read USPS 4CB <input checked="" type="checkbox"/> On Read UPU FISC Postal <input checked="" type="checkbox"/> On</p> <p style="margin: 5px 0 0 20px;">Read China Postal <input checked="" type="checkbox"/> On Read Korean Postal <input checked="" type="checkbox"/> On</p> </div>

Item	Description
Compound Code	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; justify-content: space-between; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Global settings One-dimensional code QR code OCR Postal Compound Code </div> <div style="margin-top: 5px;"> <p style="color: #007bff; margin: 0;">Compound Code</p> <p>Read composite code <input checked="" type="checkbox"/> On</p> </div> </div>

➤ Click on "Data format" to set the following parameters:

1.Settings
2. Barcode settings
3. Data format

Data editing ^

ITF clipping digits

Replace the horizontal bar (-) in the DM code with the carriage return character On

Group character to space character On

Delimiter to #29F On

Replace - and @ with TAB characters On

HID leading control character form

HID trailing control character form

Get barcode data in the specified range

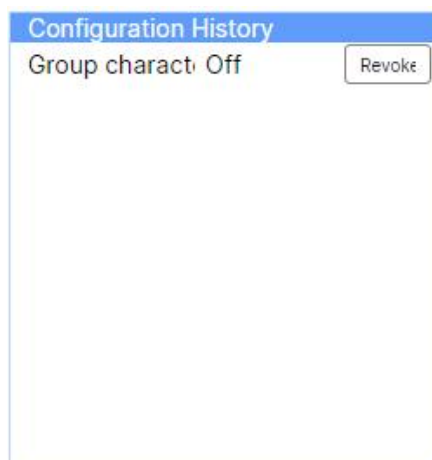
Brazilian barcode rule filling On

Read-only digital barcode On

EAN-13 trim last digit On

EAN-8 trim last digit On

4.1.2.2. Configuration History



The configuration history module on the right side displays the configuration items modified by the user. Click "undo" on the right side of the modification item to undo the operation and restore it to its original value.

4.1.2.3. Save Configuration



Click "Save" to save all current configuration items as XML configuration files locally.

4.1.2.4. Set to COM mode

- 1) [Enter the device settings interface.](#)
- 2) If the scanner is not in COM mode, you can scan the code to set it to COM mode.



4.1.2.5. Open configuration file

- 1) [Enter the device settings interface.](#)
- 2) Click "Open" in the bottom right corner to select the saved device XML file or the corresponding configuration item for the device XML that you have written yourself.



The Scanner Set will automatically generate the corresponding configuration page based on the settings in the XML configuration file.

4.1.2.6. Load factory default

- 1) [Enter the device settings interface.](#)
- 2) Click on "Load factory default" in the bottom right corner to restore the configuration to its default values.



4.2. Command interaction

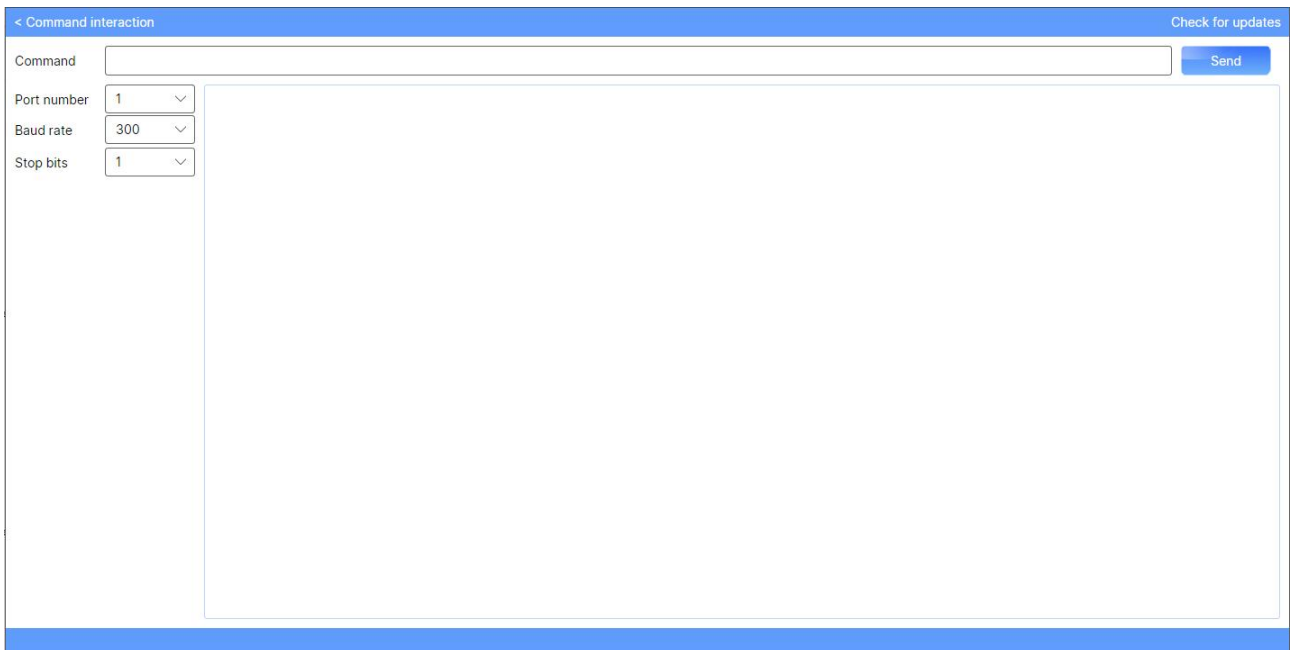
In this module, users can interact with the device through instructions by selecting the port where the device is located and opening the serial port.

1) Click on "Command interaction".



2) Enter the command, select the port number, baud rate, and stop bit, and then click "Send".

Note: For command related formats, please refer to the user manual.



Wait for the command execution result.

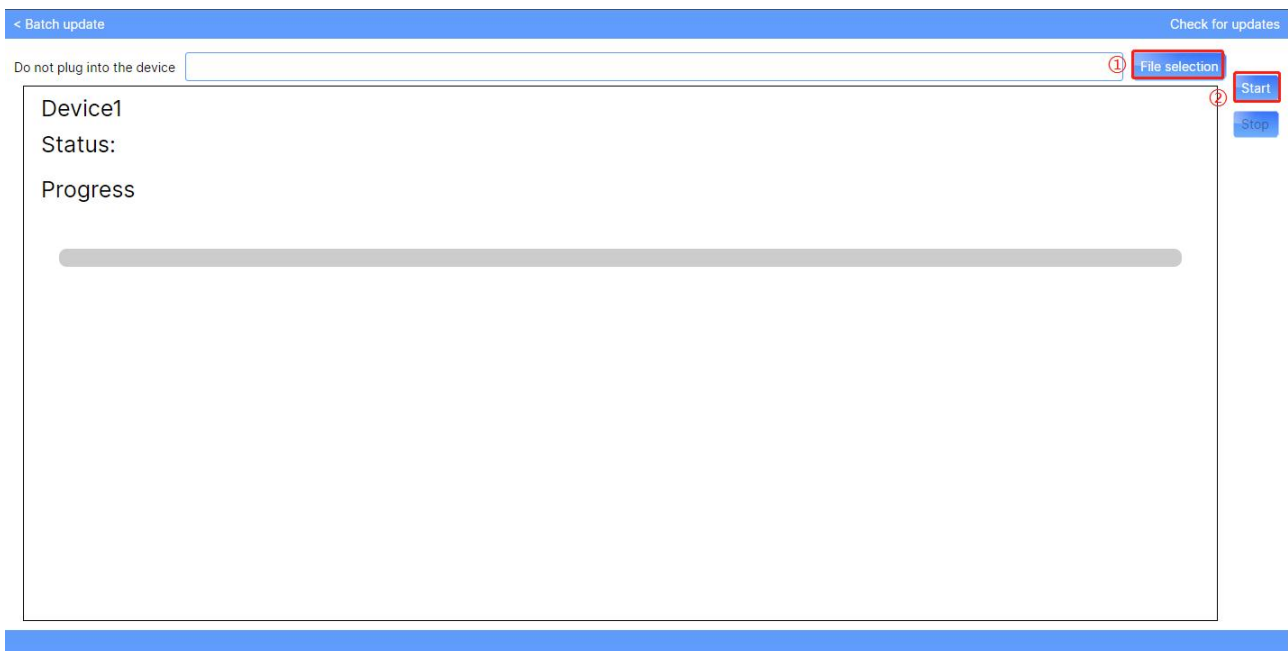
4.3. Firmware Update

In this module, you can manually upgrade your device by selecting the firmware to be upgraded.

1) Click on "Firmware Update".



2) Click "File selection" to select the firmware to upgrade to, and then click "Start" to update the firmware.



After the current firmware update operation is completed, you can perform a "stop" operation.