



Portable Code Scanner

User Manual

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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.

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Chapter 1 Introduction

1.1 Product Introduction

Portable Code Scanner (hereinafter referred to as "device") is a code scanning device integrating with intelligent algorithm. It supports quick recognition of codes to improve the working efficiency.

1.2 Key Feature

- Professional code scanner, supporting one dimensional codes, QR codes, broken codes, crumpled codes, and defiled codes recognition.
- Supports NFC protocol.
- The AI models support OCR.
- Waterproof, dustproof, and drop resistant.

Chapter 2 Activation

You need to activate the device for first use.

Steps

1. Power on the device to go to the activation page.
2. Activate the device by either of the following two ways.
 - Set a new password and confirm it, and tap **ACTIVATION**.

Note

The password must be 8 to 16 characters with at least two types of the following characters: uppercase letters, lowercase letters, numbers, or special characters (!@#\$%&*.).

- Tap **SKIP** to use the default password 123456 without setting a new password. Tap **OK** in the pop-up window.

Chapter 3 Scan Settings

Tap **Code Scanner** to **Enable Scan**. Set scan parameters according to the actual scene. Then you can scan bar codes or QR codes to get the code information.

3.1 Set Scan Parameters

3.1.1 Set Scan Mode

You can set the scan button and the scan mode according to your actual needs.

Steps

1. Tap **Scan** → **Settings**.

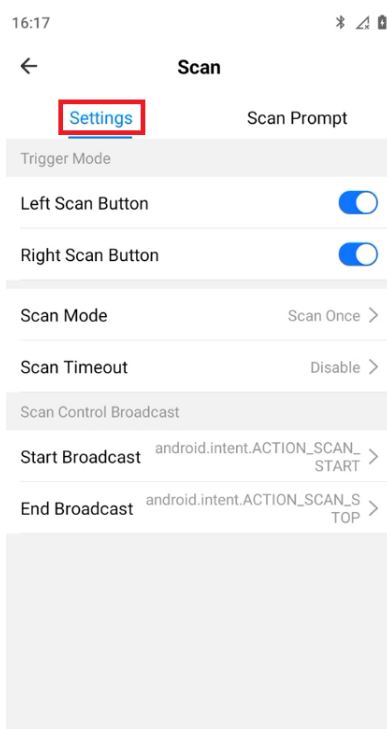


Figure 2-1 Set Scan Mode

2. Enable **Left Scan Button** or **Right Scan Button**.

You can press the scan button on the left/right side of the device to scan codes after settings.

3. Set **Scan Mode**.

Scan Once

1. Select **Scan Once**.
2. Enable **Scan Timeout** if you want the device to disable scanning automatically. Disable **Scan Timeout** if you want the device to

disable scanning when releasing the scan button.

Note

Set **Timeout** if you enable **Scan Timeout**. The device will disable scanning automatically if it has not recognized the code information beyond the set timeout period.

Continuous Scan

1. Select **Continuous Scan**.
2. Set **Scan Interval**. The device will scan continuously based on the set interval.
3. Set **Repeated Filter Timeout**. The device will only output the scan result once in the set timeout period if the result keeps the same.
4. Set **Timeout**. The device will lock the screen automatically beyond the set timeout period.

4. Optional: Set **Scan Control Broadcast** if you want to control the device to start/end scan via sending broadcast.

3.1.2 Set Scan Prompt

Set the prompt sound or vibration if you want to get a prompt when you scan.

Steps

1. Tap **Scan** → **Scan Prompt**.

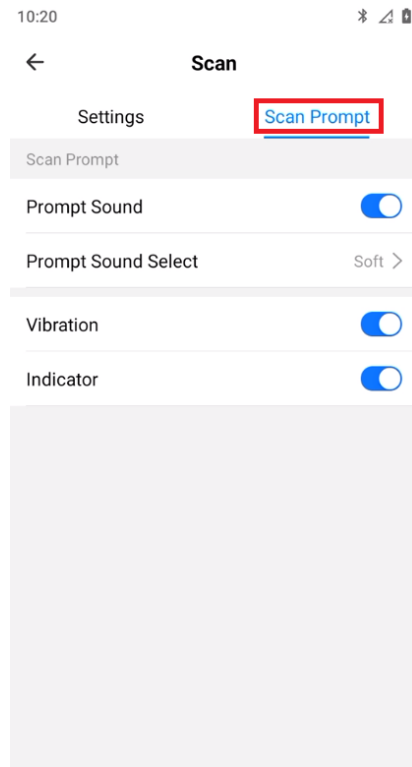


Figure 2-2 Set Scan Prompt

2. Enable **Prompt Sound** or **Vibration** as required.
3. Optional: Select the prompt sound if you enable **Prompt Sound**.

3.2 Set Output Parameters

3.2.1 Set Output Mode

You can set the output mode of the scan result.

Steps

1. Tap **Output Settings** → **Output Mode**.

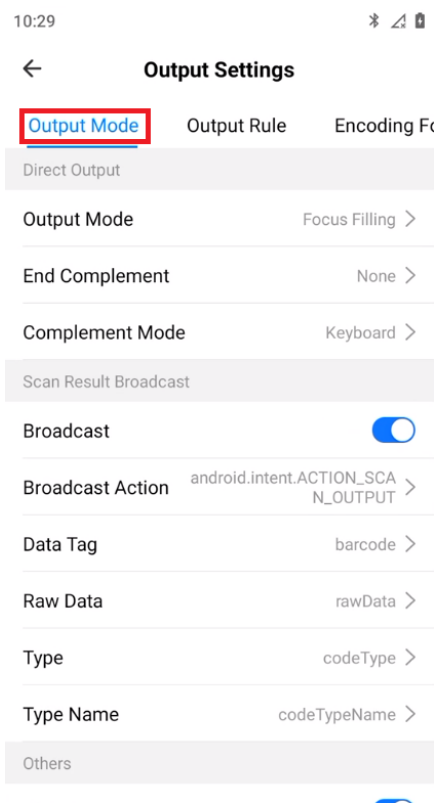


Figure 2-3 Set Output Mode

2. Set the output mode.

1) Set **Output Mode**.

Focus Filling

When scanning outside the scan page, if there are text fields on the current page, the scan result will be automatically output in the text field where the cursor is located.

Focus Coverage

When scanning outside the scan page, if there are filled text fields on the current page, the scan result will automatically cover the content of the text field where the cursor is located.

No Output

The scan result will not be output.

2) Set **End Complement**.

None

End complement will not be added at the end of the scan result.

Return

Add a carriage return at the end of the scan result.

Tab

Add a tab at the end of the scan result.

Space

Add a space at the end of the scan result.

3) Set **Complement Mode**.

Keyboard

The scan result will be output to the text page simulating the keyboard.

Symbol

The scan result will be output to the text page simulating the input method. The complement symbol will be replaced with \t or \n.

Input Method

The scan result will be output to the text page simulating the input method.

3. Optional: Set **Scan Result Broadcast** according to the actual needs.

1) Enable **Broadcast**.

2) Set **Broadcast Action**, **Data Tag**, and other parameters.

4. Optional: Enable **Website Jump**.

If the scan result is a website, you will be automatically redirected to that website after scan.

3.2.2 Set Output Rule

You can set the output rule of the scan result.

Steps

1. Tap **Output Settings** → **Output Rule**.

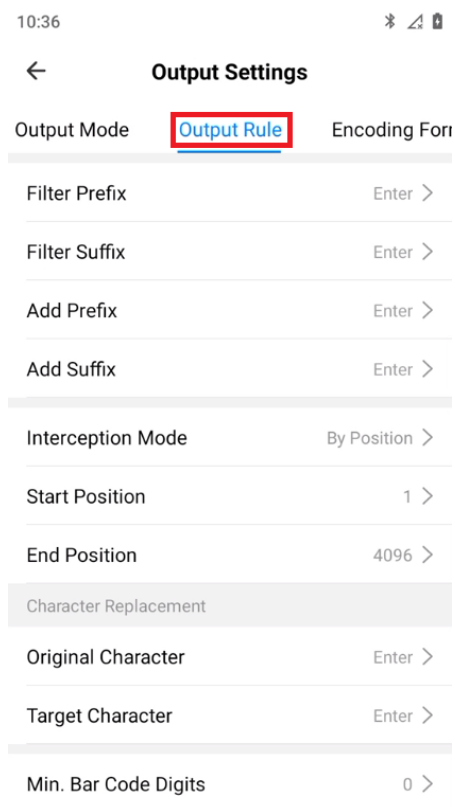


Figure 2-4 Set Output Rule

2. Set the parameters below.

Filter Prefix/Filter Suffix

The set prefix/suffix will be automatically filtered in the scan result.

Add Prefix/Add Suffix

The set prefix/suffix will be automatically added to the scan result.

Interception Mode

By Position

The scan result will be intercepted according to the set **Start Position** and **End Position**.

By Character

The scan result will be intercepted according to the set **Start Character** and **End Character**.

Original/Target Character

The scanning result will automatically replace the set **Original Character** as the **Target Character**.

Max./Min. Bar Code Digits

If the scan result is shorter than the set min. bar code digits or longer than the set max. bar code digits, it will not be output.

- Optional: If you need to split the data according to the GS1 format when you scan the barcode in GS1 format, enable **GS1 Application Identifier Separation**.
- Optional: If you need the device to perform force parity bit handling for barcodes with parity bits, not to recognize barcodes with incorrect parity bits and no parity bits, enable **Barcode Parity Bit Handling**.

3.2.3 Set Encoding Format

You can set the encoding format according to the actual needs.

Steps

- Tap **Output Settings** → **Encoding Format**.

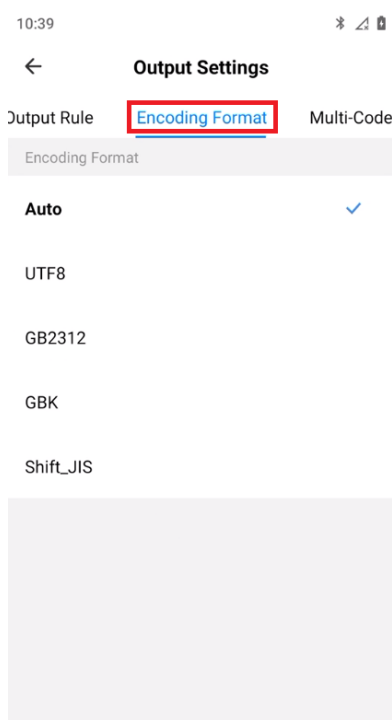


Figure 2-5 Set Encoding Format

- Select the encoding format.

3.2.4 Set Multi-Code Scan

You can set multi-code scan if you need to scan multiple codes at the same time.

Steps

- Tap **Output Settings** → **Multi-Code Scan**.

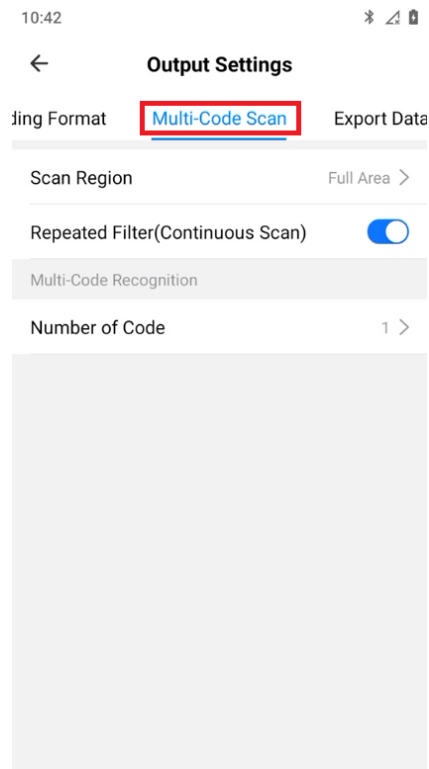


Figure 2-6 Set Multi-Code Scan

2. Select **Scan Region**.
3. Set **Number of Code**.
4. Optional: Enable **Repeated Filter (Continuous Scan)** as required. The similar scan result will be filtered out after enabling **Repeated Filter (Continuous Scan)**.

 **Note**

Repeated Filter (Continuous Scan) is only available when the scan mode is continuous scan.

3.2.5 Export Data

You can export the device data of specific date.

Steps

1. Tap **Output Settings** → **Export Data**.

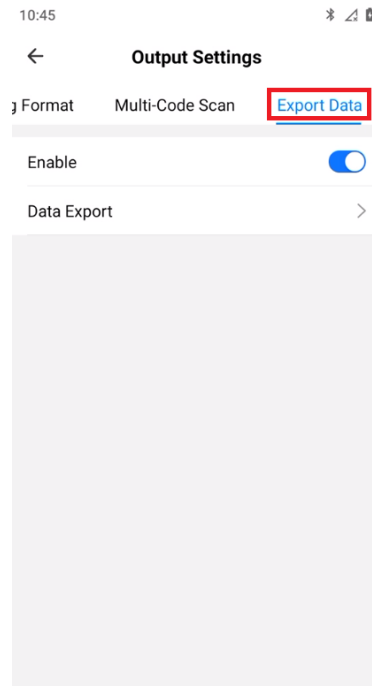


Figure 2-7 Export Data

2. Enable the function.
3. Tap **Data Export** to set the export date, and tap **OK**.

Result

The data are exported as an .xlsx file named as “outdate_ the selected date” in the directory of /sdcard/scandata.

3.3 Set Code System

You can set the supported types of bar codes and QR codes.

Steps

1. Tap **Code System**.

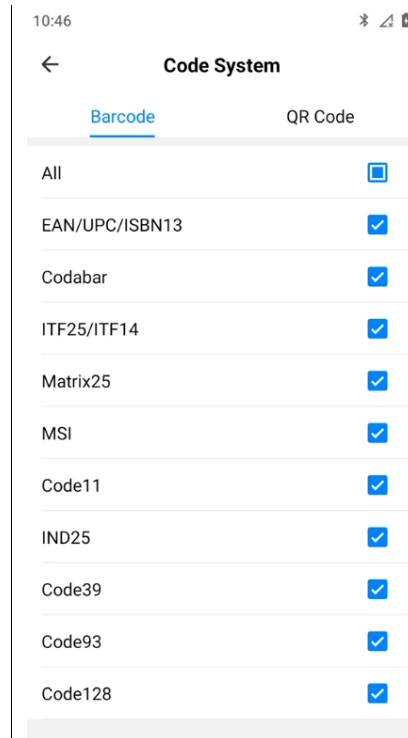


Figure 2-8 Set Code System

2. Select barcode types or QR code types according to the actual needs.

3.4 Set Code Scanner

You can set the code scanner according to the actual needs.

3.4.1 Set Code Scanner Parameters

You can set the supplement light, laser light, and other parameters of the code scanner as required.

Steps

1. Tap **Code Scanner** → **Settings**.

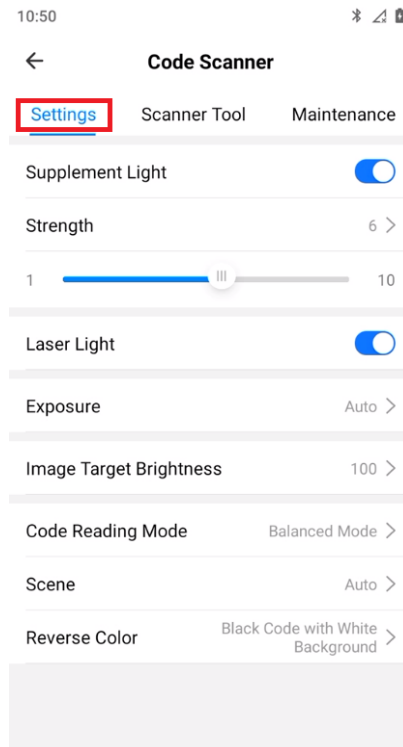


Figure 2-9 Set Code Scanner Parameters

- Optional: Enable **Supplement Light** and **Laser Light** as required, and set the corresponding parameters.

Strength

The higher the value, the higher the upper limit of automatic brightness adjustment of the supplement light.

Exposure

Manual

Tap **Exposure Time** and **Gain** to set the parameters manually.

Auto

The device will adjust **Exposure Time** and **Gain** automatically according to the actual scene.

Image Target Brightness

The larger the value, the higher the brightness of the image.

- Optional: Tap **Code Reading Mode** to select as required.

Balanced Mode

The device CPU and other resources will be used in balance mode.

High Performance Mode

The device CPU and other resources will be used mainly on scanning to improve recognition efficiency.

Quick Mode

Enable fast data reading and output.

4. Optional: Tap **Scene** and **Reverse Color** to select as required.

3.4.2 Set Scanner Tool

You can calculate code reading module size and calibrate laser via scanner tool.

Steps

1. Tap **Code Scanner** → **Scanner Tool**.
2. Tap **Calculate Code Reading Module Size** or **Laser Calibration**. Follow the instructions to operate.

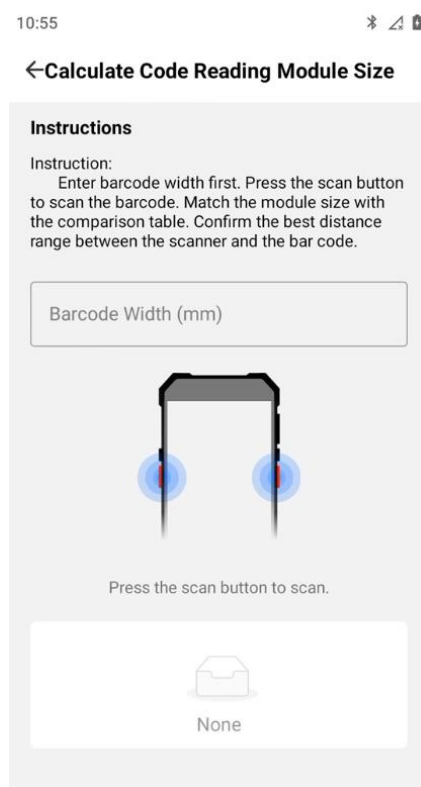


Figure 2-10 Calculate Code Reading Module Size

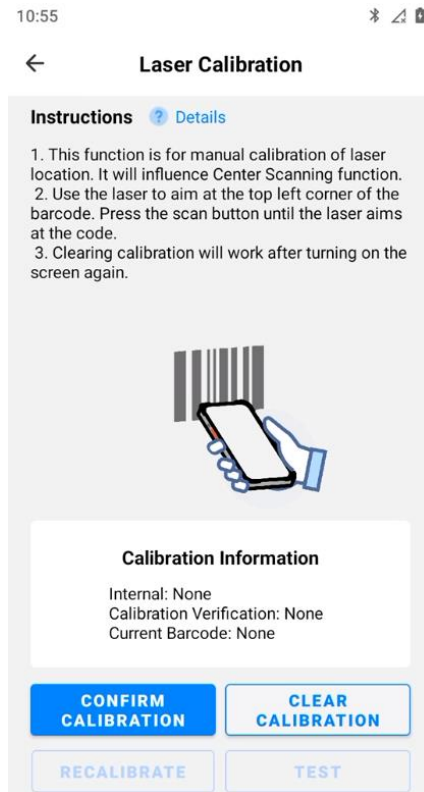


Figure 2-11 Laser Calibration

3.4.3 View Version Information

Tap **Code Scanner** → **Maintenance** to view the version information.

3.5 Set OCR Parameters

You can set the OCR parameters for the AI models.

Steps

1. Tap **OCR**.
2. Tap **Trigger Mode** to select the trigger mode.
3. If you want to recognize the data in specified Chinese or English mode, tap **Select Algorithm** to set as required.
4. Tap **OCR Rule** to set the OCR rule.
 - 1) Tap **Add New Rule**.
 - 2) Enter the new rule name. Tap **OK**.
 - 3) Tap **Add New String Format**.
 - 4) Select the string formats to add to **My Settings**.

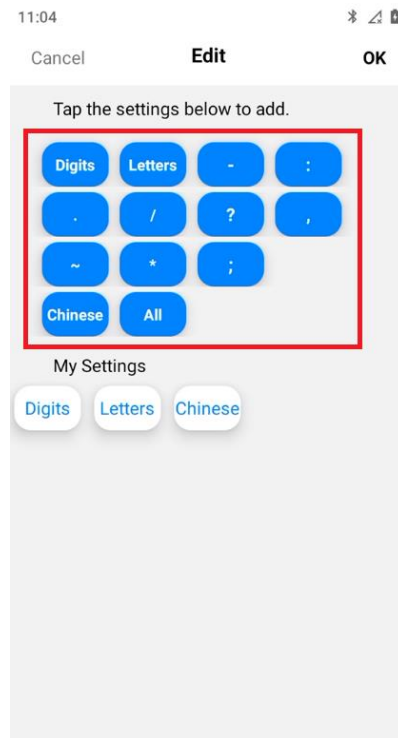


Figure 2-12 Add String Format

- 5) Tap **OK**.
- 6) Enable the rule that you need.
5. Optional: If you want to improve the accuracy of recognizing the laser-aimed string data, enable **Laser Aim**.

Note

Enable **Laser Aim** after laser calibration.

6. Optional: If you want to save the picture information used for OCR to the "ocrtest" folder, enable **Recognition Capture**.

3.6 Set Other Parameters

You can enable password, scan preview, and other features for the device.

Steps

1. Tap **Others**.
2. Enter password. Tap **OK**.

Note

- If no password was set during activation, the default password is 123456.
 - If the password has been reset, the password will be the new reset password.
 - If the password has not been reset, the password will be the one set during activation.
-

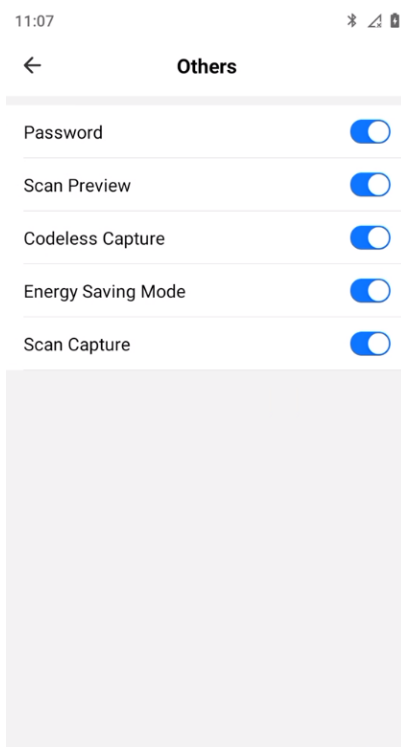


Figure 2-13 Set Other Parameters

3. Optional: Set the parameters as required.

Password	You need to enter the password after enabling Password .
Scan Preview	You can preview the scanning result picture in real time on the scan test page.
Codeless Capture	When the device fails to recognize the bar code or the QR code in the picture, it will save the picture and use the algorithm to analyze the reason.
Energy Saving Mode	The device defaults to energy saving mode, and the battery is consumed normally. If energy saving mode is turned off, the device will concentrate resources on scanning to improve scanning efficiency.
Scan Capture	Enable the function to transmit the scan information in the format of “ScanJpeg” picture. If you disable the function, no scan information will be transmitted.

3.7 Quick Settings

You can import or export device settings via multiple methods.

3.7.1 Export Configuration File

You can export the configuration files of the current device, and import them to another device to set the two devices with the same parameters.

Steps

1. Tap .
2. Tap **Configuration File** after **Export**.

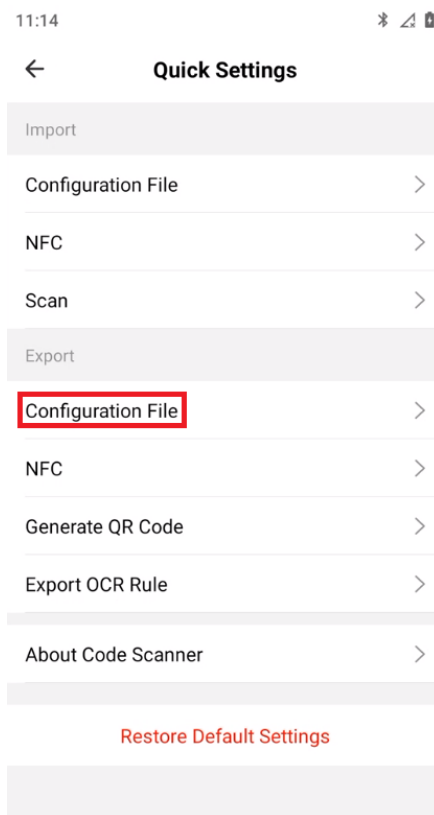


Figure 2-14 Export Configuration File

3. Tap **OK**.

Caution

The original configuration file will be covered after exporting configuration file again.

Result

The configuration file will be exported to the device.

3.7.2 Import Configuration File

You can import the configuration file of another device to the current device to set the same parameters.

Before You Start

Save the configuration file to the device.

Steps

1. Tap .
2. Tap **Configuration File** after **Import**.

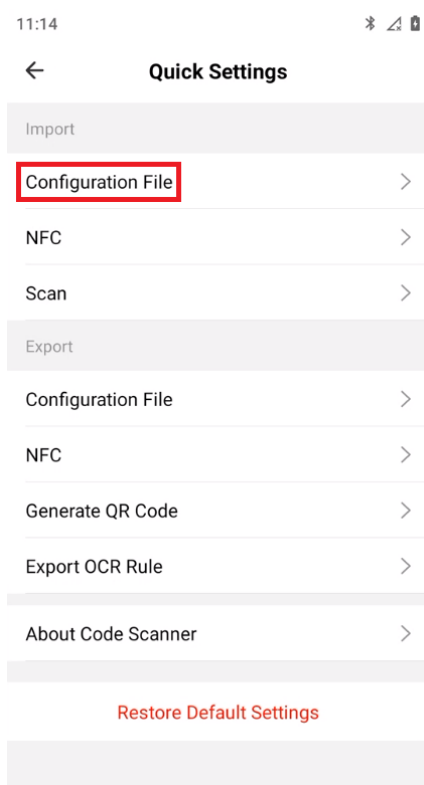


Figure 2-15 Import Configuration File

3. Tap **OK**.

Caution

The original configuration will be overwritten after importing a new configuration file.

3.7.3 Export NFC Configuration File

You can export the NFC configuration file of the current device, and import it to another device to

set the two devices with the same NFC parameters.

Before You Start

- The receiving device should support NFC.
- Enable NFC of the receiving device.

Steps

1. Tap .
2. Tap **NFC** after **Export**.

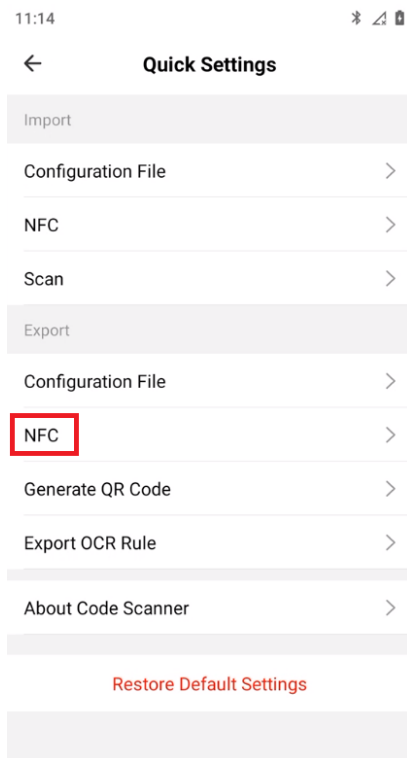


Figure 2-16 Export NFC Configuration File

3. Approach the device to the receiving device.

Result

NFC configuration file will be automatically exported to the receiving device.

3.7.4 Import NFC Configuration File

You can import the NFC configuration file of another device to the current device to set the same NFC parameters.

Before You Start

- Another device should support NFC.
- Enable NFC of another device.

Steps

1. Tap .
2. Tap **NFC** after **Import**.

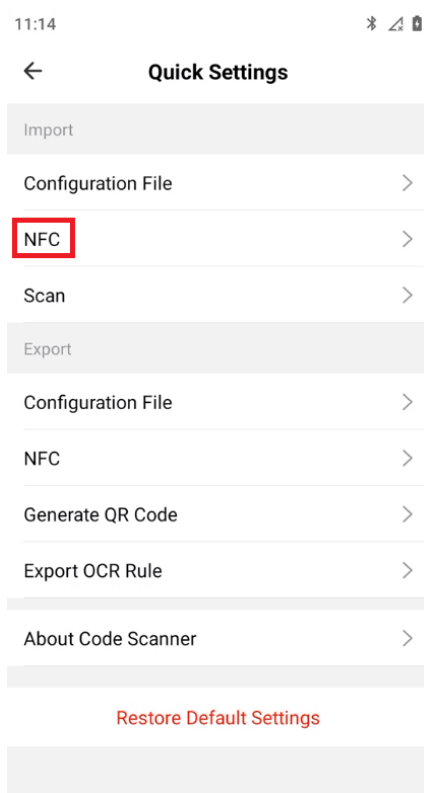


Figure 2-17 Import NFC Configuration File

3. Approach the current device to another device.

Result

NFC configuration file of another device will be automatically imported to the current device.

3.7.5 Export Scan Configuration QR Code

You can save the scan configuration QR code of the current device, and use another device to scan it to set the same parameters.

Steps

1. Tap .

2. Tap **Generate QR Code**.

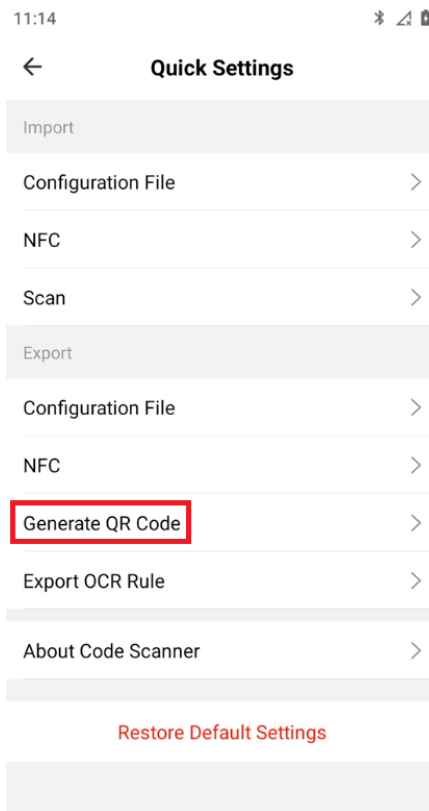


Figure 2-18 Export Scan Configuration QR Code

3. Tap **SAVE QR CODE** to save the scan configuration QR code of the current device.
4. Use another device to scan the QR code to set the same scan parameters.

3.7.6 Import Scan Configuration QR Code

You can use the current device to scan the scan configuration QR code of another device to set the same scan parameters.

Before You Start

The scan configuration QR code of another device has been exported.

Steps

1. Tap .
2. Tap **Scan**.

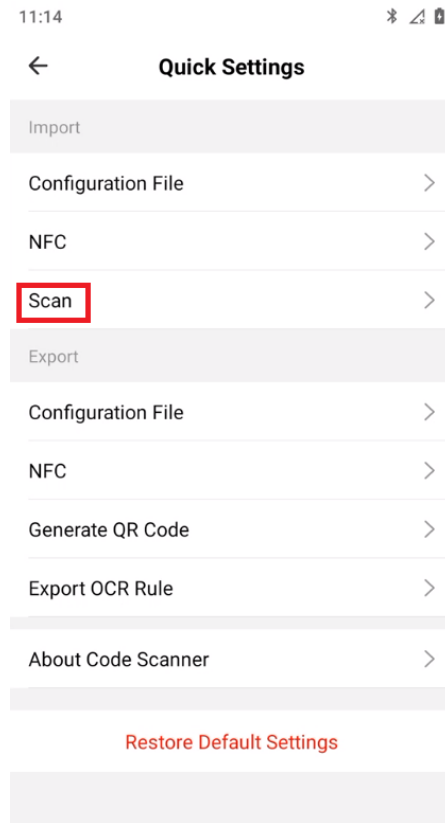


Figure 2-19 Import Scan Configuration QR Code

3. Press the scan button of the current device to scan the scan configuration QR code of another device to set the same scan settings.

3.7.7 Export OCR Rule

You can save the OCR rule QR code of the current device, and use another device to scan it to set the same parameters.

Steps

1. Tap .
2. Tap **Export OCR Rule**.

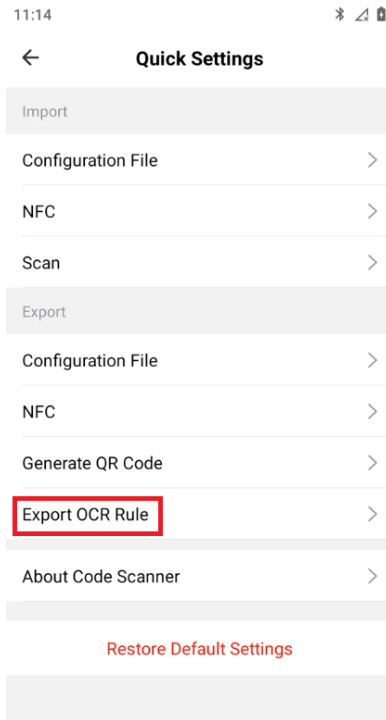



Figure 2-20 Export OCR Rule

3. Tap **SAVE QR CODE**.
4. Use another device to scan the QR code to set the same scan parameters.


3.7.8 View Application Version

Steps

1. Tap .
2. Tap **About Code Scanner** to view the current application version.

3.7.9 Restore Default Settings

Steps

1. Tap .
2. Tap **Restore Default Settings** and tap **OK** to restore the device to default settings.

3.8 Scan Test

You can check the settings via scan test after completing scan settings.

Before You Start

Enable the scan function.

Steps

1. Tap **Scan Test**.

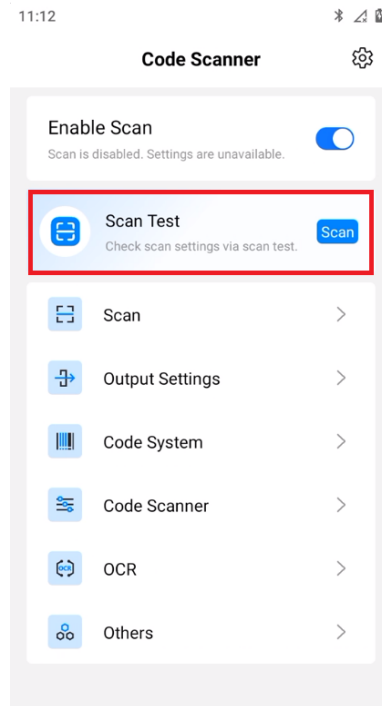


Figure 2-21 Scan Test

2. Press the scan button on the side of the device, and point the scan sensor to the code to scan.

Result

The scan result and time will be displayed on the scan page.

What to do next

You can use the device to scan codes after passing the test.

Chapter 4 Business Settings

4.1 Maintenance

4.1.1 Export Running Information

Technicians can export running information for troubleshooting and device maintenance.

Steps

1. Tap  → **Export Running Info**.

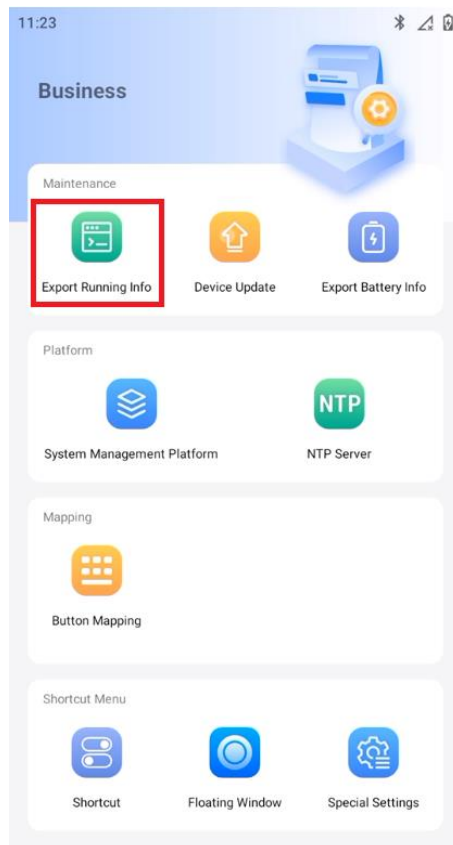


Figure 3-1 Export Running Info

2. Select the exporting path.
3. Tap **EXPORT RUNNING INFO**.

4.1.2 Upgrade Device

You can view device information and the current version, and upgrade the device system version.

Before You Start

Prepare the upgrade package.

Steps

Caution

The operating system only supports official upgrades. If you use a non-official system, you are responsible for any security risks or losses (possible risks include but are not limited to theft of user information, automatic sending of SMS, leakage of location, etc.).

1. Tap  → **Device Update**.

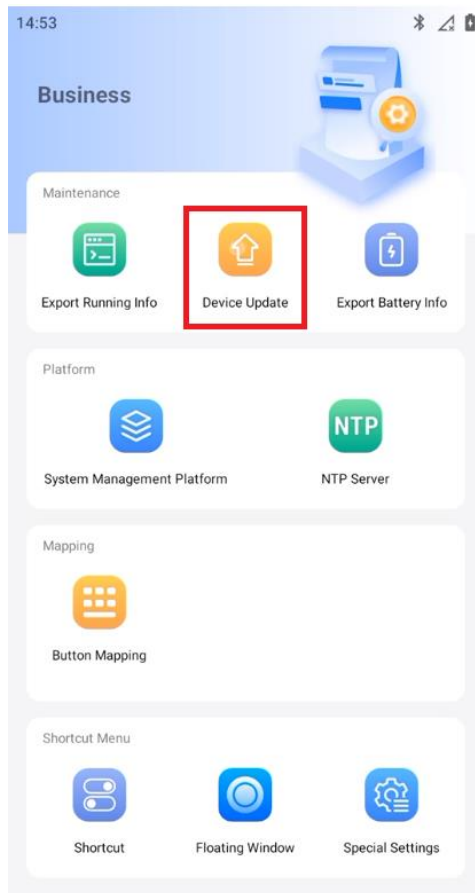


Figure 3-2 Upgrade Device

2. Tap **DEVICE UPDATE**.
3. Select the local upgrade package.
4. Tap **Install**.

5. Optional: Tap **Check Update** to see if there is a newer version. If the device has been connected to the network, you can tap the latest version to upgrade.

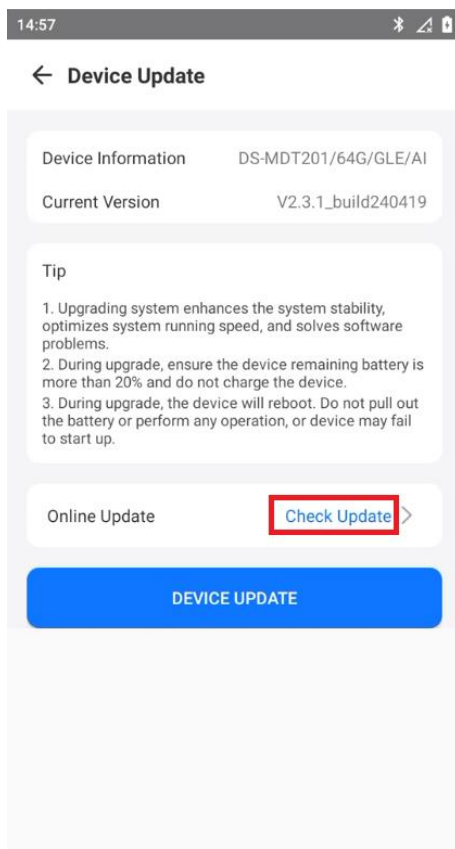


Figure 3-3 Check Update

Note

Do not operate during upgrading, or it may cause device exceptions (such as not being able to turn on the device), etc.

4.1.3 Export Battery Information

You can export the battery information.

Steps

1. Tap  → **Export Battery Info**.

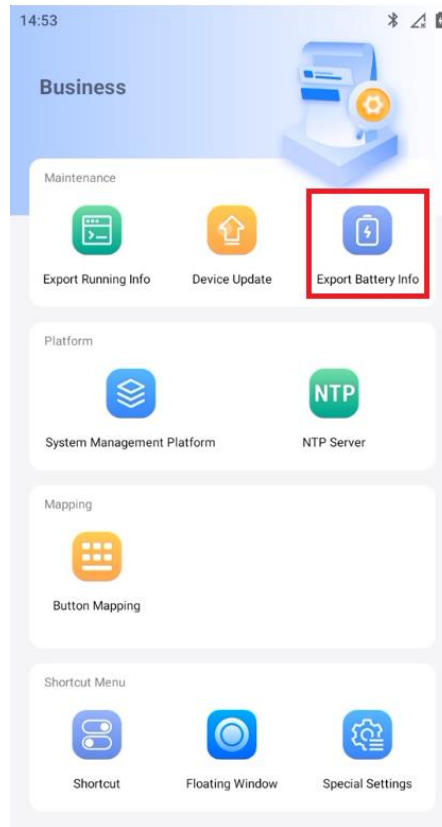


Figure 3-4 Export Battery Info

2. Tap **EXPORT**.

Result

The exported batteryTrack.xls file will be generated in the root directory of internal SD card.

4.2 Connect to Platform

4.2.1 Access System Management Platform

You can access the device to the system management platform.

Before You Start

- Set the connected platform
- Ensure the device can communicate with the platform normally

Steps

1. Tap  → **System Management Platform**.

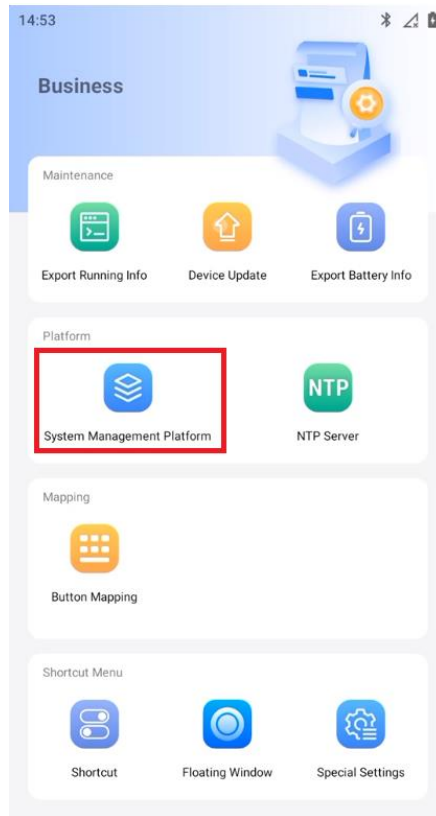


Figure 3-5 Access System Management Platform

2. Enter the password.

Note

- If no password was set during activation, the default password is 123456.
 - If the password has been reset, the password will be the new reset password.
 - If the password has not been reset, the password will be the one set during activation.
-

3. Tap **CONFIRM**.

4. Enable **ISUP5**.

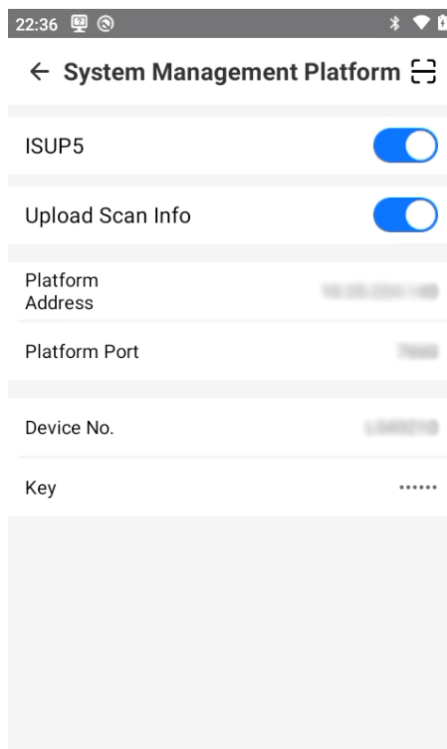




Figure 3-6 Enable ISUP5

5. Optional: Enable **Upload Scan Info** to upload the scan information to the platform.
6. Set **Platform Address**, **Platform Port**, and other parameters, or you can tap  or press the scan button to scan the QR code of the system management platform for settings.

Note

The device No. should be the same as the ID set on the platform.


Result

After accessing the device to the system management platform, the  icon will appear on the notification bar.

4.2.2 Synchronize Time

You can synchronize the device time with that of the NTP server.

Steps

1. Tap  → **NTP Server**.

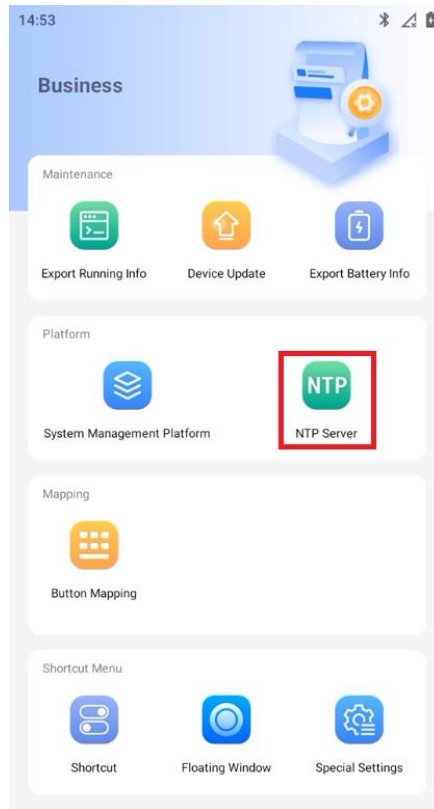


Figure 3-7 Synchronize Time

2. Set **NTP Server**, **NTP Port** and **Time Sync Interval**.
3. Tap **Save**.

4.3 Set Key Mapping

You can manage key mapping parameters as required.

4.3.1 Set Mapping Key

If you want to customize features for keys, set key mapping parameters.

Steps

1. Tap  → **Button Mapping**.

2. Tap **Enable Key Mapping** to enable key mapping.

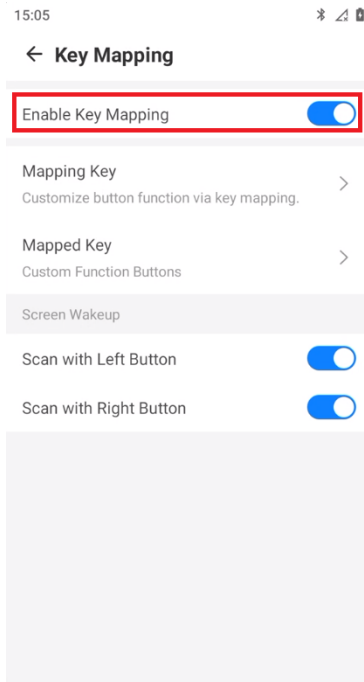


Figure 3-8 Set Mapping Key

3. Tap **Mapping Key**.

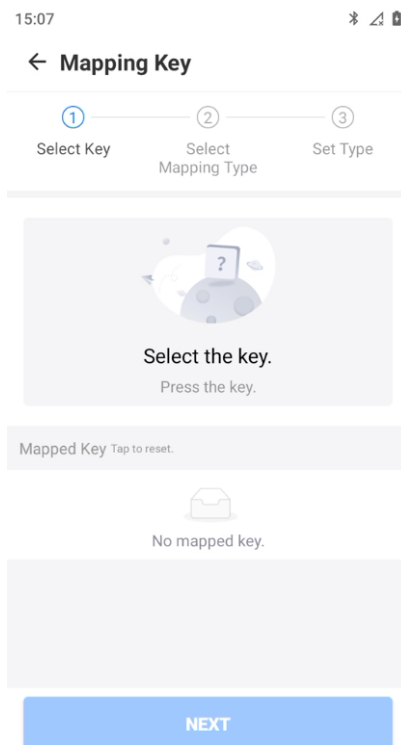


Figure 3-9 Select Key

- 1) Press the key on the keyboard.
- 2) Tap **NEXT**.
- 3) Select the **Mapping Type** and tap **NEXT** to set the details.

- New Key**
1. Select the new key.
 2. Tap **ADD MAPPING**.

- Start**
1. Select the applications to start quickly.
 2. Optional: If you need to set parameters for corresponding applications, set **Application Extra Parameters**. Tap **Add a Line** to set the parameter name and value.
 3. Optional: If you need to send commands to corresponding applications when pressing or releasing the key, tap **Edit Broadcast** to enable **Press/Release Key to Broadcast** and set **Broadcast Action** and **Broadcast Sending Parameters** as required.
 4. Tap **ADD MAPPING**.

- Send Broadcast**
1. If you need to send commands to corresponding applications when pressing or releasing the key, enable **Press/Release Key to Broadcast**.
 2. Set **Broadcast Action** and **Broadcast Sending Parameters** as required.
 3. Tap **ADD MAPPING**.

4. After adding the mapping key, you will enter the page below, and you can do the following operations.

- Tap **VIEW MAPPED KEY** to view the mapped keys.
- Tap **ADD MORE** to map more keys.
- Tap **BACK TO HOME PAGE** to back to the **Key Mapping** page.

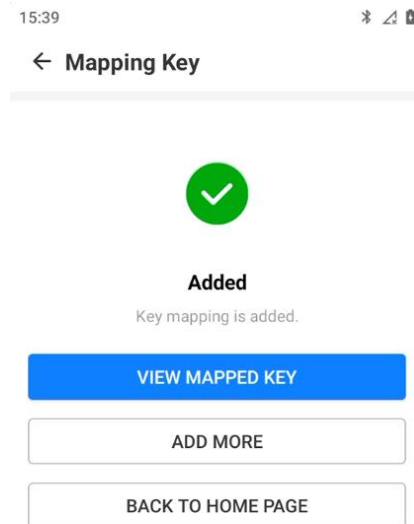


Figure 3-10 More Operation

4.3.2 Set Mapped Key

You can view, edit, and delete the mapped keys as required.

Steps

1. Tap  → **Button Mapping** → **Mapped Key**.

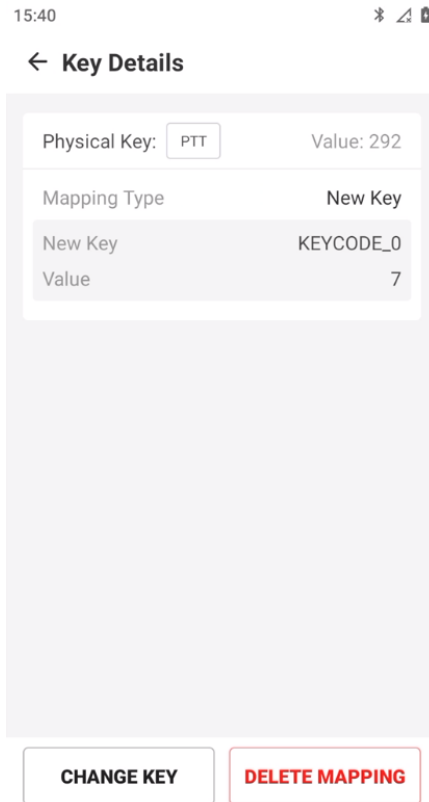


Figure 3-11 Set Mapped Key

2. Select the mapped key. Tap **CHANGE KEY** to reset it or tap **DELETE MAPPING** to delete it.

4.3.3 Set Screen Wakeup

You can set to wake up the screen via pressing left/right scan button.

Steps

1. Tap  → **Button Mapping** → **Screen Wakeup**.
2. Enable **Scan with Left/Right Button** for screen wakeup as needed.

4.4 Set Shortcut Menu

4.4.1 Set Shortcut

You can enable the functions quickly from the shortcut menu.

Steps

1. Tap  → **Shortcut**.

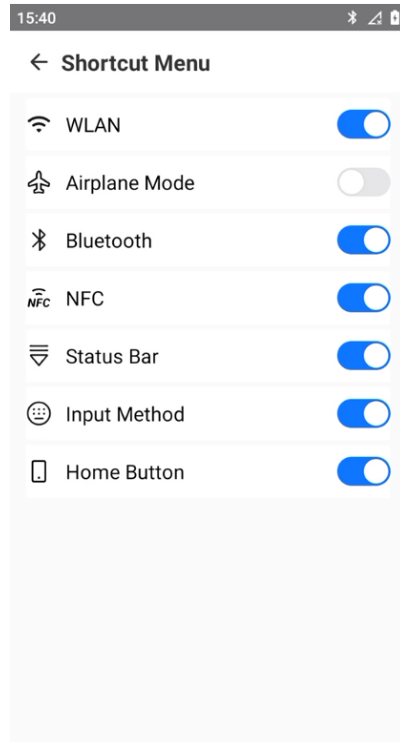


Figure 3-12 Set Shortcut

2. Enable the functions based on the actual needs.

 **Note**

If you turn on the airplane mode, WLAN and Bluetooth will be disabled.

4.4.2 Set Floating Window

You can set the scan window to float on the other applications to scan quickly.

Steps

1. Tap  → **Floating Window**.

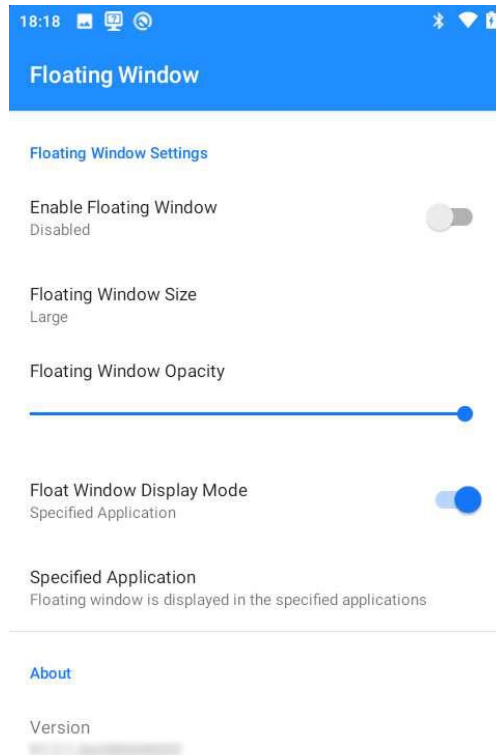


Figure 3-13 Set Floating Window

2. Enable floating window and set the parameters below.

Floating Window Size

You can select the scan floating window size as required.

Floating Window Opacity

Slide to adjust the opacity of the scan floating window.

Float Window Display Mode

You can set the scan floating window to float on specific applications. Tap **Specific Application** to select the applications.

What to do next

After enabling the scan floating window, you can tap it to enable scan quickly.

4.4.3 Set Keep-Alive Application

You can set specific applications to keep them displaying on the top of other applications.

Steps

1. Tap  → **Special Settings**.
2. Tap **Application Keep-Alive**.

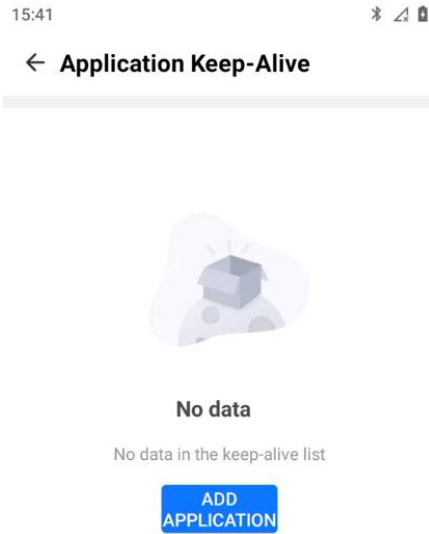


Figure 3-14 Set Keep-Alive Application


3. Tap **ADD APPLICATION** to select the applications.
4. Select **ALLOW** or **DENY** to allow or deny the application access.
5. Optional: If you want to delete the added application, swipe left to delete it.

Chapter 5 Enterprise Desktop

Enterprises can exercise unified management over the device desktop as required by managing applications and setting more parameters. After settings, Tap **ENTER ENTERPRISE DESKTOP** to enter the enterprise desktop.

5.1 Manage Applications

Steps

1. Swipe up to tap .
2. Enter the password.

Note

- If no password was set during activation, the default password is 123456.
 - If the password has been reset, the password will be the new reset password.
 - If the password has not been reset, the password will be the one set during activation.
-

3. Tap **OK**.

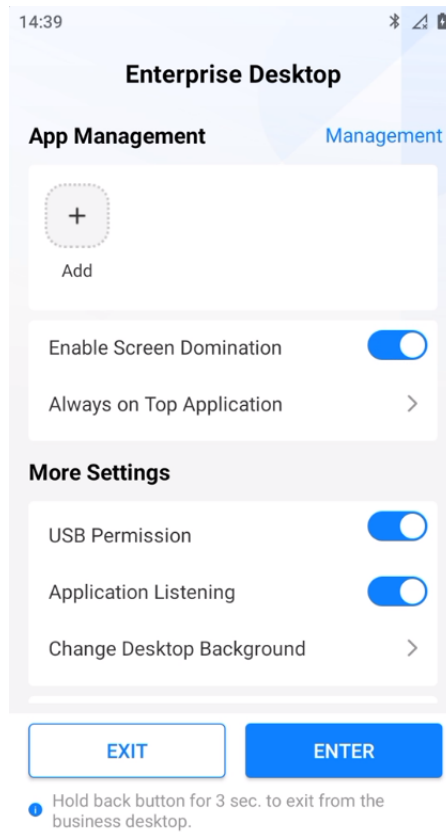


Figure 4-1 Enterprise Desktop Settings

4. Tap **Add** to manage the applications.
5. Optional: If you want to delete the added application, tap **Management** to delete the application or hold the application to delete it. Tap **Save**.
6. Optional: If you want the application to occupy the screen, enable screen domination and tap **Always on Top Application** to select the application as needed.

5.2 Set More Parameters

Steps

1. Enable **USB Permission** or **Application Listening** as needed.

USB Permission

The USB permission of the enterprise desktop is isolated from that of the outside. Enable **USB Permission** to control the internal USB permission within the enterprise desktop.

Application Listening

After enabling **Application Listening**, the application will be added to enterprise desktop automatically once you install it.

2. Tap **Change Desktop Background** to change the desktop background as needed.

5.3 Reset Password

Steps

1. Tap **Reset Password**.

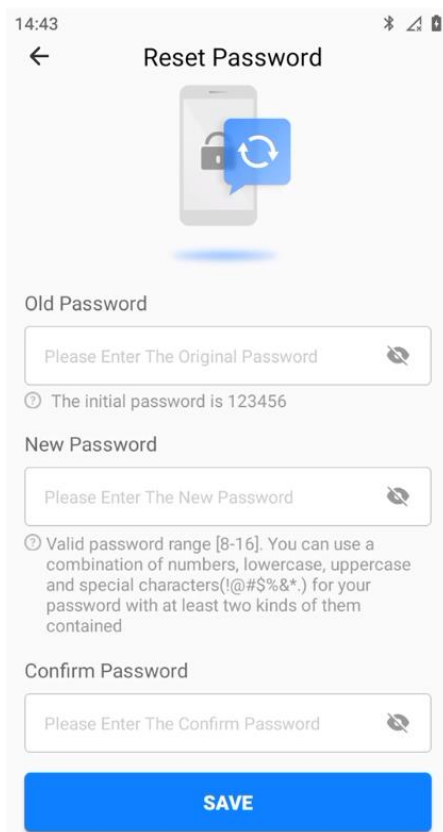


Figure 4-2 Reset Password

2. Enter the old password.

Note

- If no password was set during activation, the default password is 123456.
 - If the password has been reset, the password will be the new reset password.
 - If the password has not been reset, the password will be the one set during activation.
-

3. Enter the new password and confirm it.
4. Tap **SAVE**.

5.4 Exit Enterprise Desktop

Steps

1. If you want to exit enterprise desktop after entering it, hold back button for 3 seconds.

2. Enter the password.

Note

- If no password was set during activation, the default password is 123456.
 - If the password has been reset, the password will be the new reset password.
 - If the password has not been reset, the password will be the one set during activation.
-

3. Tap **OK**.

4. Tap **EXIT DESKTOP**.

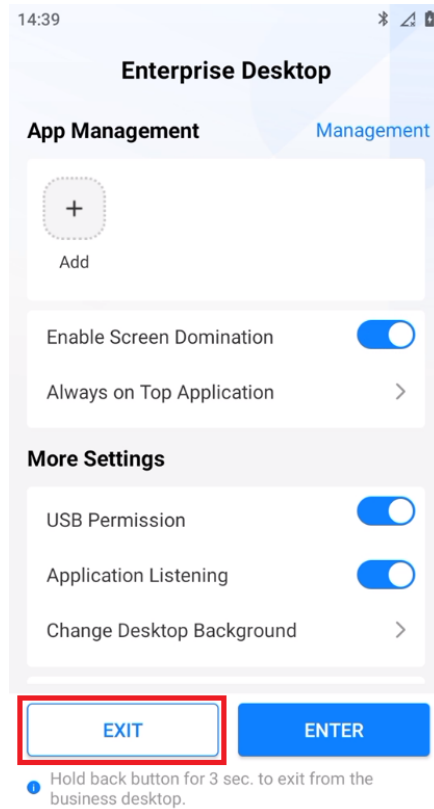


Figure 4-3 Exit Enterprise Desktop

Chapter 6 System Settings

6.1 Set Network


6.1.1 Dial-up

You can connect the device to the network via SIM card dialing.

Before You Start

Install the SIM card first.



Steps

1. Enable mobile data in the following two ways.
 - Slide down the notification center. Tap **Mobile data** icon.
 - Tap  → **Network & internet** → **Advanced** → **SIM cards**. Enable **SIM slot 1** or **SIM slot 2**.
-




Note

After enabling, the **Mobile data** icon in the notification center is displayed as green color.

2. Set the APN parameters.
 - 1) Tap  → **Network & internet** → **Mobile network** → **Advanced**.
 - 2) Tap **Access point names**.
 - 3) Tap the available APN from the list. Or contact the service supplier to get the APN, tap **+** to add the new APN, and set the corresponding parameters. Then tap  → **Save** to save the settings.

Result

The  icon will appear on the notification bar.

3. Optional: Tap **Private DNS** to set the DNS mode if you want to access the Internet by domain name.

What to do next


After the first successful connection, swipe the screen down and tap the **Mobile data** icon from the notification center to enable or disable the dial-up.

6.1.2 Connect to Wi-Fi

You can set Wi-Fi if you want to transfer data via Wi-Fi.

Steps

1. Enter Wi-Fi settings in the following two ways.
-

- Slide down the notification center. Hold **Wi-Fi** icon.
 - Tap  → **Network & internet**.
2. Tap **Wi-Fi** to connect it.

- Connect to the searched Wi-Fi**
1. Select **Wi-Fi**.
 2. Enter the Wi-Fi password.
 3. Tap **CONNECT**.

- Add new network**
1. Tap **Add network**.
 2. Enter SSID.
 3. Set **Security**.
 4. Tap **Advanced options** to set **Proxy** and **IP settings**.
 5. Tap **SAVE**.

Result

After Wi-Fi is connected successfully, the  icon will appear on the notification bar.

What to do next

After the first successful connection, swipe the screen down and tap the **Wi-Fi** icon from the notification center to enable or disable Wi-Fi.





6.1.3 Set Hotspot and Tethering

You can set the device as a hotspot to share network to other devices.

Before You Start

Please ensure the device network is normal.

Steps

1. Tap  → **Network & internet** → **Hotspot & tethering** → **Hotspot & tethering**.
2. Select the tethering methods below.
 - If you want to share the network via Wi-Fi hotspot, tap **Wi-Fi hotspot** to enable the function or swipe the screen down and tap the **Hotspot** icon from the notification center to enable the function. Set **Hotspot name**, **Security**, and **Hotspot password**. Then the  icon will appear on the notification bar.
 - If you want to share the network via the USB cable, enable **USB tethering**. Then the  icon will appear on the notification bar.
 - If you want to share the network via Bluetooth, enable **Bluetooth tethering**. Then the  icon will appear on the notification bar.


6.1.4 Set Bluetooth

You can use the device to communicate and transfer data with paired Bluetooth devices.


Before You Start

Prepare the device with Bluetooth.

Steps

1. Enter Bluetooth settings in the following two ways.
 - Slide down the notification center. Hold **Bluetooth**.
 - Tap  → **Connected devices**.
2. Tap **Pair new device**.
3. Tap the Bluetooth that you want in **Available devices** to pair.
 - The paired devices will be displayed in the **PREVIOUSLY CONNECTED DEVICES** list.

Result

After the Bluetooth device is connected successfully, the  icon will appear on the notification bar.

6.1.5 Set NFC

You can enable NFC if you want to exchange data with other devices via NFC.

Steps

1. Tap  → **Connected devices** → **Connection preferences**.
2. Enable **NFC**.

What to do next

Install payment application for NFC payment.

6.1.6 Set Android Beam

You can beam application content to another NFC-capable device via Android beam.

Before You Start

Enable NFC of the current device and another NFC-capable device.

Steps

1. Tap  → **Connected devices** → **Connection preferences** → **Android Beam**.
2. Enable **Android Beam**.


What to do next

Follow the instructions on the page to beam application content to another NFC-capable device.

6.2 Manage Battery

You can enable battery saver and view battery percentage.


Steps

1. Tap  → **Battery**.
2. Optional: Enable **Battery Saver**.
 - 1) Tap **Battery Saver**.
 - 2) Tap **Set a schedule**. Set the battery percentage below which the battery saver is enabled.
 - 3) Enable **Turn off when fully charged** according to actual needs.
The battery saver will disable automatically after the device is fully charged.
 - 4) Tap **TURN ON NOW**.
3. Optional: Tap **Battery Manager**. Enable **Use Battery Manager** to detect the battery consumption of the applications.
4. Optional: Enable **Battery percentage** if you want the device to show battery percentage on the notification bar.

6.3 Set Display Parameters

You can set display parameters.


Steps

1. Tap  → **Display**.
2. Set brightness level, screen timeout, display size, and other parameters.

6.4 Set Sound Parameters

You can set sound parameters.


Steps

1. Tap  → **Sound**.
2. Optional: Set media volume, call volume, ring volume, and alarm volume according to the actual needs.
3. Optional: Enable **Vibrate for calls** if you need.

6.5 Manage Storage

You can view and manage storage space.

Steps

1. Tap  → **Storage**.
2. Optional: Tap **FREE UP SPACE** to clear the cache.
3. Optional: Enable **Storage Manager**. Tap **Storage manager** → **Remove photos & videos** to set


the time beyond which the files will be deleted automatically.

4. You can view the storage space of different types of files.

6.6 Set Location

If you want to locate the device, enable location and set the parameters.

Steps

1. Enter location settings in the following two ways.
 - Slide down the notification center. Hold **Location** icon.
 - Tap  → **Location**.
2. Enable **Use location**.
3. Optional: Tap **APP permission**. Manage the location permission for applications according to the actual needs.
4. Optional: Tap **Wi-Fi and Bluetooth scanning**. Enable scanning features if you need.

Wi-Fi scanning

System applications and services will detect Wi-Fi network to improve location information accuracy.


Bluetooth scanning

System applications and services will detect Bluetooth to improve location information accuracy.

6.7 Reset Device Settings

You can restore factory settings when parameters errors cause device exceptions.

Steps

1. Tap  → **System** → **Reset options**.
2. Select the reset option.

Reset Wi-Fi, mobile & Bluetooth

Reset the network and Bluetooth parameters.

Reset app preferences

Reset all the app preferences.


Erase all data (factory reset)

Erase all the data in the device storage space and reset the device to factory settings. Please operate with care.

6.8 View Device Information

You can view the device information.

Steps

1. Tap  → **About device**.
2. You can view the model, build number, etc.



See Far, Go Further