
Platform Barcode Scanner User Manual

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1 System Settings

1.1 Start

1.2 Manual Instructions

This manual includes symbology settings, function settings (lighting, keyboard type and factory reset, etc.) and interface settings. If you need to change the functions you need, just scan the configuration according to the Parameter Barcode below. All with (*) indicate factory default values.

1.3 Version Information

Scan the “Version Information” Parameter Barcode to allow the host to quickly read the current device version.



Version Information

1.4 Parameter Barcode Scanning

By turning on the Parameter Barcode function, you can configure the parameters of the Scan Engine by scanning the Parameter Barcode.

Note

When modifying the configuration through the Parameter Barcode, the entire current flag bit list will be saved to the memory, that is, the configuration configured through the serial port but not saved will also be saved together.



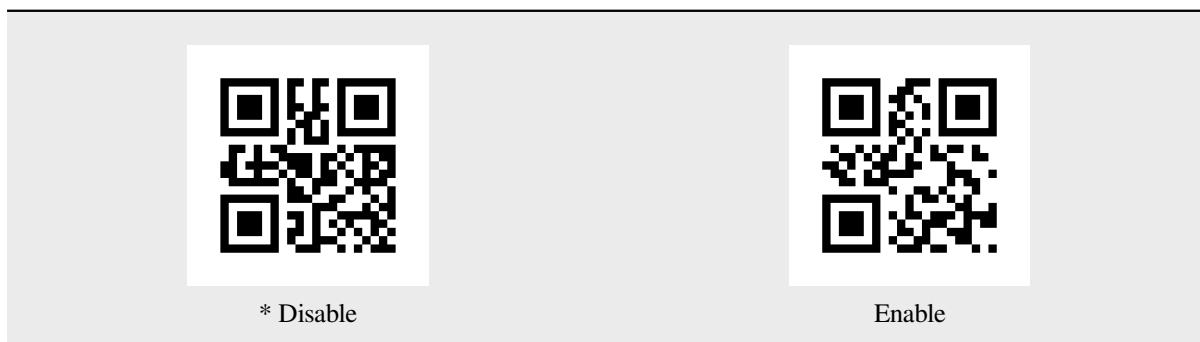
Disable



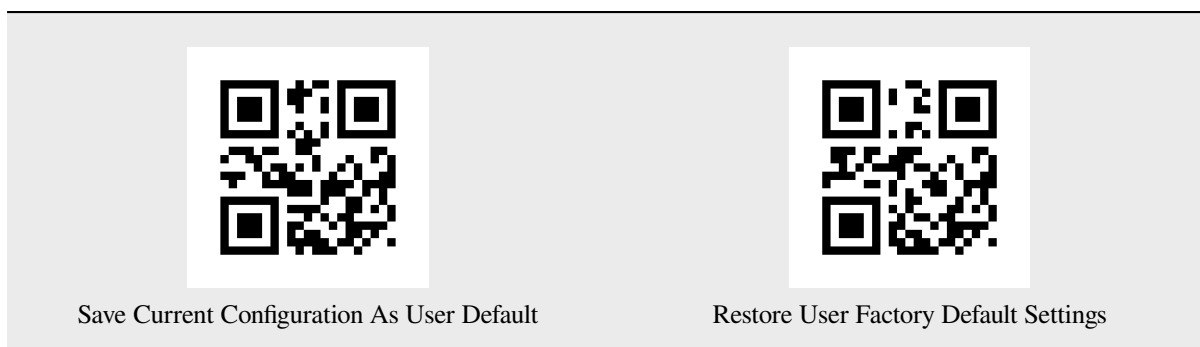
* Enable

1.5 Transmit Parameter Barcode Data

Whether to output the Parameter Barcode content, you can configure the parameters of the Scan Engine by scanning the following Parameter Barcode.



1.6 User Default Settings



Users can save their frequently used configurations as user default settings. By scanning “Save current settings as user default settings”, the current configuration information of the device can be saved as user default settings information. After this operation, the new configuration information will replace the original user default settings information. By scanning “Restore User Default Settings”, the Scan Engine can be switched to user default settings.

1.7 Power Control

Sleep Mode

This parameter determines the power mode of the module. In sleep mode, the Scan Engine enters sleep state as much as possible (can be awakened by wake-up command)



* Sleep Mode

Continuous Working Mode

In continuous working mode, the Scan Engine is still awake after each decoding attempt.



Continuous Working Mode

1.8 Lighting And Aiming

Illumination

The lighting can provide auxiliary lighting for shooting and reading, and the beam shines on the reading target, improving the reading performance and the ability to adapt to weak ambient light. Users can set it to one of the following states according to the application environment:

Normal lighting (default setting): The lighting lights up when shooting and reading, and turns off at other times;

The lighting is always on: the lighting will continue to glow after the Scan Engine is turned on;

No lighting: The light does not come on under any circumstances.



*Normal Lighting



No Lighting



Lighting Always On

AIM

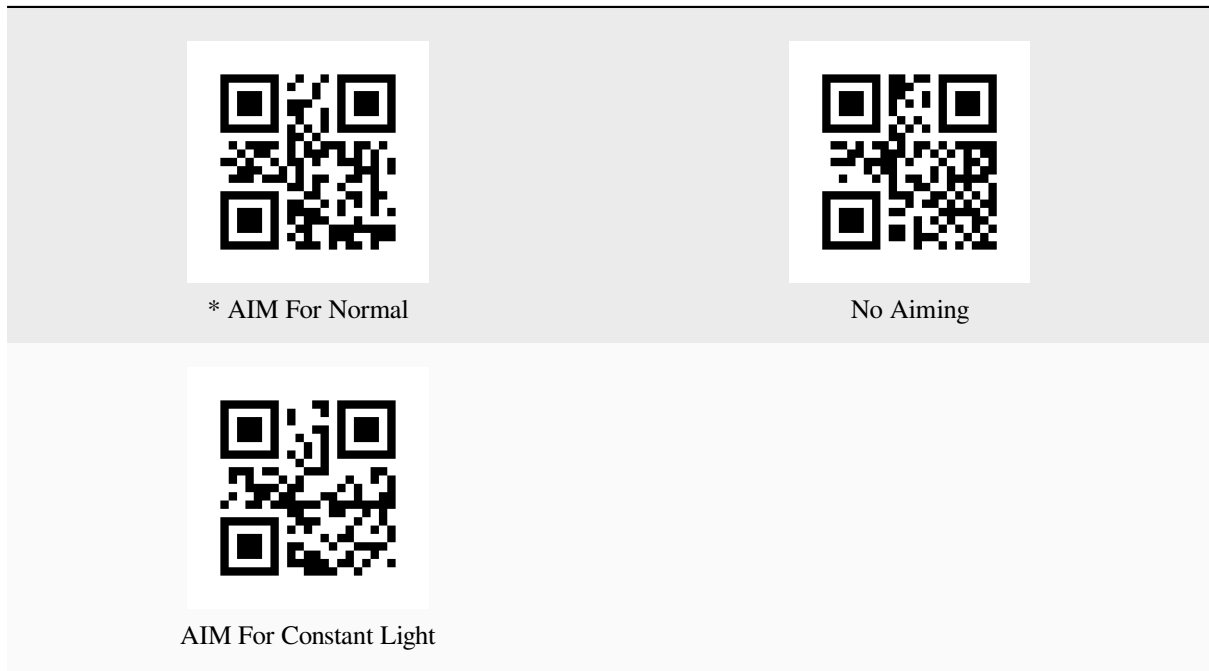
The projected aiming beam helps users find the optimal reading distance when shooting for reading. According to the application environment, users can

Choose any of the modes below.

Aiming Normal (default setting): The Scan Engine only projects the aiming beam when shooting and reading;

Aiming always on: After the Scan Engine is powered on, it will continue to project the aiming beam;

No Aiming: The aiming beam is extinguished under any circumstances.

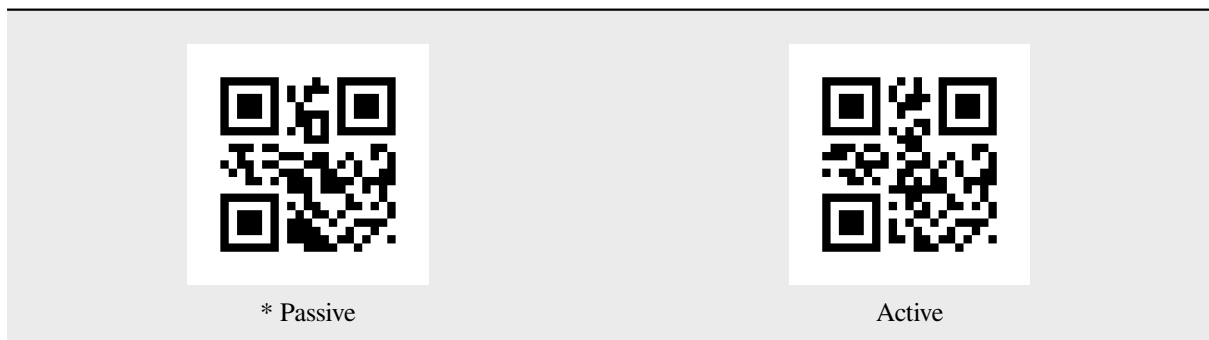


1.9 Prompt Output

1.10 Beep Related

Buzzer Type

Scan the following Parameter Barcode to set the buzzer as a passive or active buzzer.



Volume Level

Users can adjust the buzzer volume according to the application environment and personal habits by Scanning the following Parameter Barcode.



Mute



Bass



Alto



* Treble

Power-on Beep



Disable



* Enable

Parameter Entry Beep

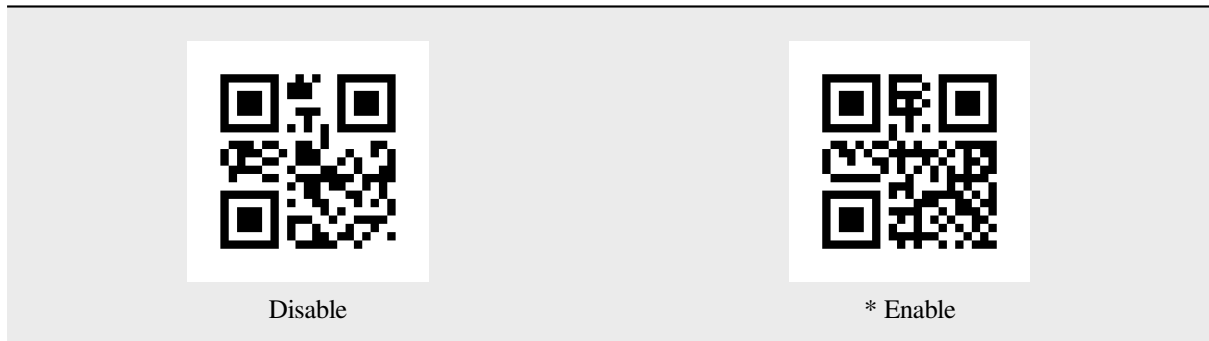


Disable



* Enable

Decode Beep



Decode Beeper Tone

The resonant frequency of the buzzer used by the user may be different from the default frequency. You can adjust the frequency of the decoding beep by scanning the following Parameter Barcode. Default is 2700Hz.

Scan the “Buzzer Frequency” Parameter Barcode



Buzzer Frequency

Scan the “Numeric Barcode” . For example, if the frequency is 1500Hz, sweep 1, 5, 0, 0; if the frequency is 2700Hz, sweep 2, 7, 0, 0

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Decode Beep Quick Setting



1000Hz



1500Hz



2000Hz



2500Hz



*2700Hz



3000Hz



3500Hz

Decode Beep Duration

Users can set the duration of the decoding beep as needed, the default is 50ms.

Scan the “Beep Sound Duration” Parameter Barcode



Beeper Duration

Scan the “Numeric Barcode” . For example, if the duration is 50ms, scan 5,0; if the duration is 200ms, scan 2,0,0

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Quickly Set The Decode Beep Duration

	
30ms	*50ms
	
70ms	100ms
	
200ms	300ms

1.11 Reminder Light Related
Alert Light Function Type

	
* Decoding Hints	Power Prompt

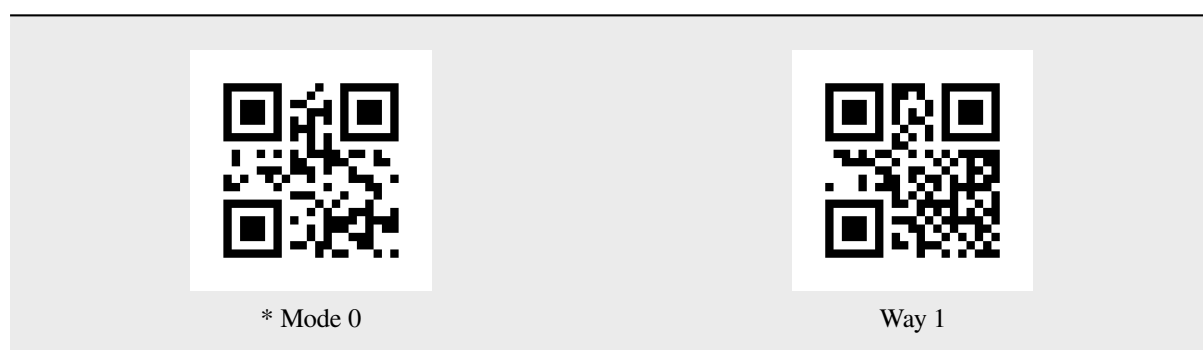
Decode Success Indicator



Decoding Success Prompt Light Control Method

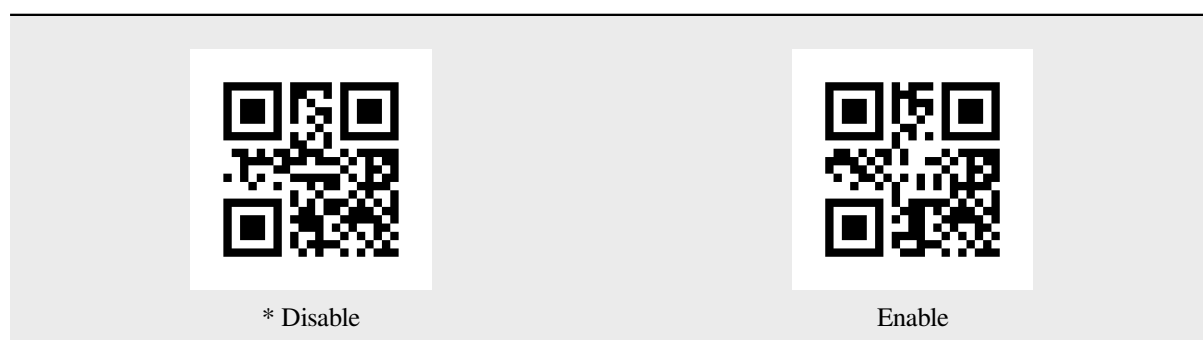
Mode 0: long off after power on, on when decoding is successful, on for a specified time and then off.

Method 1: Always on when power is on, off when decoding is successful, and on after a specified period of time.



Decoding Status NR Output

NR is the abbreviation of No Read. Before releasing the Trigger Button, if the barcode cannot be decoded within the timeout period, the “NR” message is allowed to be output; when this function is disabled, no message can be output to the host even if the barcode cannot be decoded.



2 Reading and trigger settings

2.1 Scan Mode

Key Hold

In Button Hold Mode, press and hold the button to scan. Releasing the button, a successful decode, or expiration of the Decode Timeout ends the scan session.



Key Hold

Single Button Trigger

In Single Button Trigger Mode, press the button to start scanning. Releasing the button does not stop scanning; the scan session ends after a successful decode or when the Decode Timeout expires.



Single Button Trigger

Continuous Mode

Once configured, the Scan Engine starts scanning immediately without a trigger. After a successful decode or when the Decode Timeout expires, it waits for the Scan Interval and then automatically starts the next scan session.



Continuous Mode

Presentation Mode

In Presentation Mode, the Scan Engine monitors ambient brightness and starts scanning when the brightness changes. The scan session ends after a successful decode or when the Decode Timeout expires, after which ambient-brightness monitoring resumes.



Presentation Mode

Sensitivity

Sensitivity refers to the degree of detection of scene changes in sensor reading mode. When the Scan Engine determines that the scene change degree meets the requirements, it will switch from the monitoring state to the reading state.



Image Stabilization Duration Setting

The image stabilization time refers to the time that the Scan Engine that detects scene changes needs to wait for the image to stabilize before reading the code in the sensor reading mode. The image stabilization time setting range is: 0-65535ms, and the default value is: 300ms.

Scan the “Stabilization Duration” Parameter Barcode

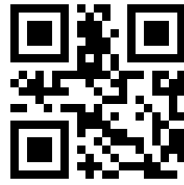


Image Stabilization Time

Scan the “Numeric Barcode” . For example, if the duration is 100ms, scan 1, 0, 0; if the duration is 1005ms, scan 1, 0, 0, 5

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Quick Setting Of Image Stabilization Duration



100ms



200ms



*300ms



400ms



500ms



1000ms

2.2 Special Scan Modes

Screen Fast Mode

This special-purpose mode is not available in standard product versions. It is intended for applications that require rapid decoding of barcodes displayed on screens. Contact the supplier if you need this mode.

High-Speed Scan Mode

This special-purpose mode is not available in standard product versions. It is intended for rapid decoding of barcodes on paper by fixed-mount Scan Engines, Presentation Scanners, and similar products. Contact the supplier to enable this mode.

2.3 Single Reading Time

The duration of a single code reading refers to the longest reading attempt time allowed after triggering the reading and failing to read successfully. When this time is exceeded, the reading state will be exited. The range of single code reading time is: 0-65535ms, default: 5000ms.

Single Reading Time Setting

Scan the “single reading time” Parameter Barcode



Single Reading Time

Scan the “Numeric Barcode” . For example, if the duration is 100ms, scan 1, 0, 0; if the duration is 1005ms, scan 1, 0, 0, 5

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Quick Setting Of Single Reading Time

 0ms (infinite Time)	 1000ms
 2000ms	 3000ms
 *5000ms	 10000ms

2.4 Same Symbol Timeout

To prevent repeated reads in Continuous Mode and Presentation Mode, the Scan Engine rejects the same barcode until the Same Symbol Timeout has elapsed. Range: 0-65535 ms. Default: 0 ms.

Same Symbol Timeout Setting

Scan the “Same Symbol Timeout” Parameter Barcode



Same Symbol Timeout

Scan the “Numeric Barcode” . For example, if the interval is 100ms, scan 1, 0, 0; if the interval is 1005ms, scan 1, 0, 0, 5

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Same Symbol Timeout Quick Settings

 * 0ms	 100ms
 300ms	 500ms
 1000ms	 3000ms
 5000ms	 10000ms
 Infinite Delay (do Not Read The Same Code)	

2.5 Reading Interval Time

The interval between two readings in continuous mode. Regardless of whether the last reading was successful or failed, it will automatically enter the next reading after this time. This setting mainly applies to continuous mode

Default: 500ms, range: 0-65535ms

Reading Interval Setting

Scan the “Reading Interval Time” Parameter Barcode



Reading Interval Time

Scan the “Numeric Barcode” . For example, if the interval is 100ms, scan 1, 0, 0; if the interval is 1005ms, scan 1, 0, 0, 5

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Quickly Set The Reading Interval Time

 0 ms	 *500ms
 1000ms	 2000ms
 5000ms	 10000ms

3 Communication and interface settings

3.1 Communication Mode

3.2 USB COM

When the Scan Engine is connected to the host using a USB cable, the Scan Engine can be configured into virtual serial port output mode by scanning the USB COM Parameter Barcode.



USB COM

3.3 serial

The serial communication interface is a common way to connect the Scan Engine to the host device (such as PC, POS, etc.). When the Scan Engine is connected to the host using a serial port cable, the system defaults to the serial communication mode. When using the serial communication interface, the communication parameter configuration between the Scan Engine and the host device must completely match to ensure smooth communication and correct content.



TTL-232 Serial Port

The serial communication interface of the Scan Engine uses TTL level signals (TTL-232). This interface can adapt to most system architectures. If the system needs to use RS232 architecture, an external conversion circuit needs to be added.

The default serial communication parameters of the Scan Engine are as follows:

Parameter	default
Baud Rate	115200
Check Digit	none
Data Bits	8
stop bit	1

3.4 Baud Rate

When the Scan Engine communicates with the host through TTL-232/RS232, the same communication parameters must be set for normal communication, including transmission rate, verification, flow control, etc. The transmission rate is the baud rate, and the default baud rate is 115200.



600



1200



2400



4800



9600



14400



19200



38400



57600



*115200

3.5 Check Digit



* No Parity



Odd



Even

3.6 stop bit

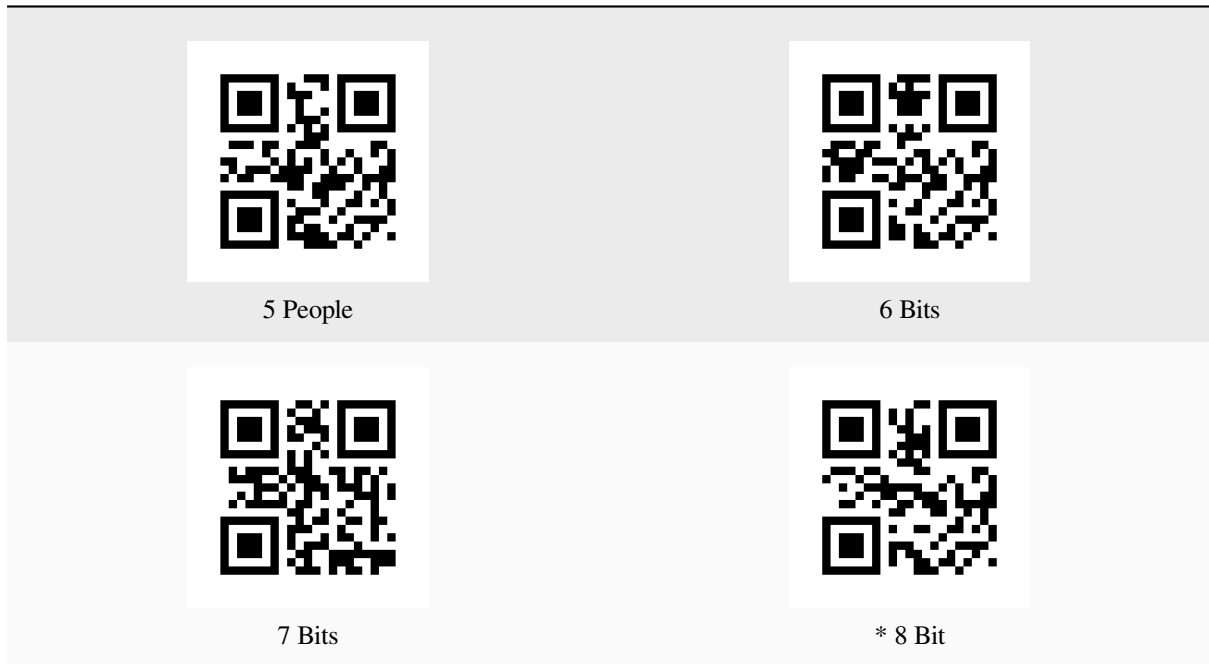


* 1 Bit



2 People

3.7 Data Bits



3.8 USB HID-POS

When the device is used as a HID device, you can Scan the following Parameter Barcode and select the HID POS device mode.



HID POS

4 Keyboard Settings

4.1 USB HID-KBW

When the Scan Engine is connected to the host using a USB cable, the Scan Engine can be configured as a standard keyboard input by scanning the USB KBW Parameter Barcode.



USB HID-KBW

4.2 keyboardlayout

In order to allow hosts in various countries to use the device, settings can be made by reading the “keyboard” of the corresponding country.



* USA



Belgium



Brazil, Portuguese (Brazilian ABNT)



Denmark



Finland



France



Austria, Germany



Greece



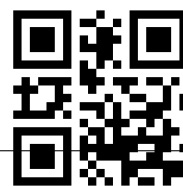
Hungary



Italy



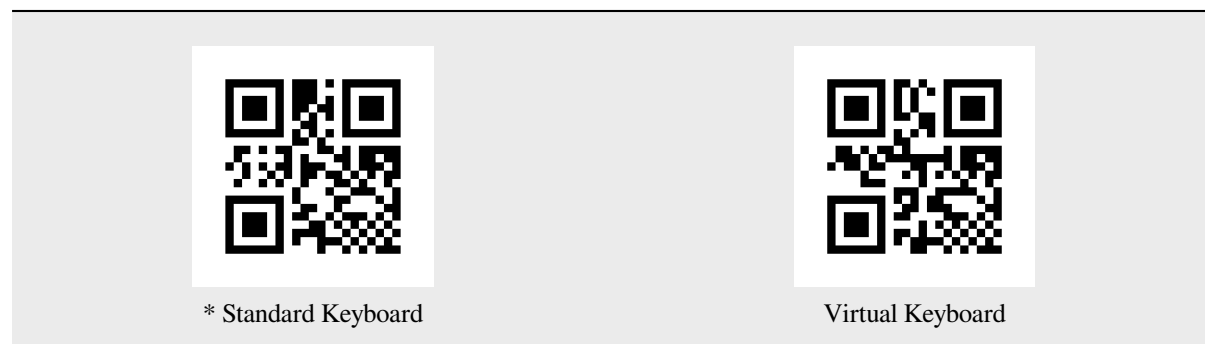
v1.1.1 · 2026-09-02
latin america, south american countries



Netherlands

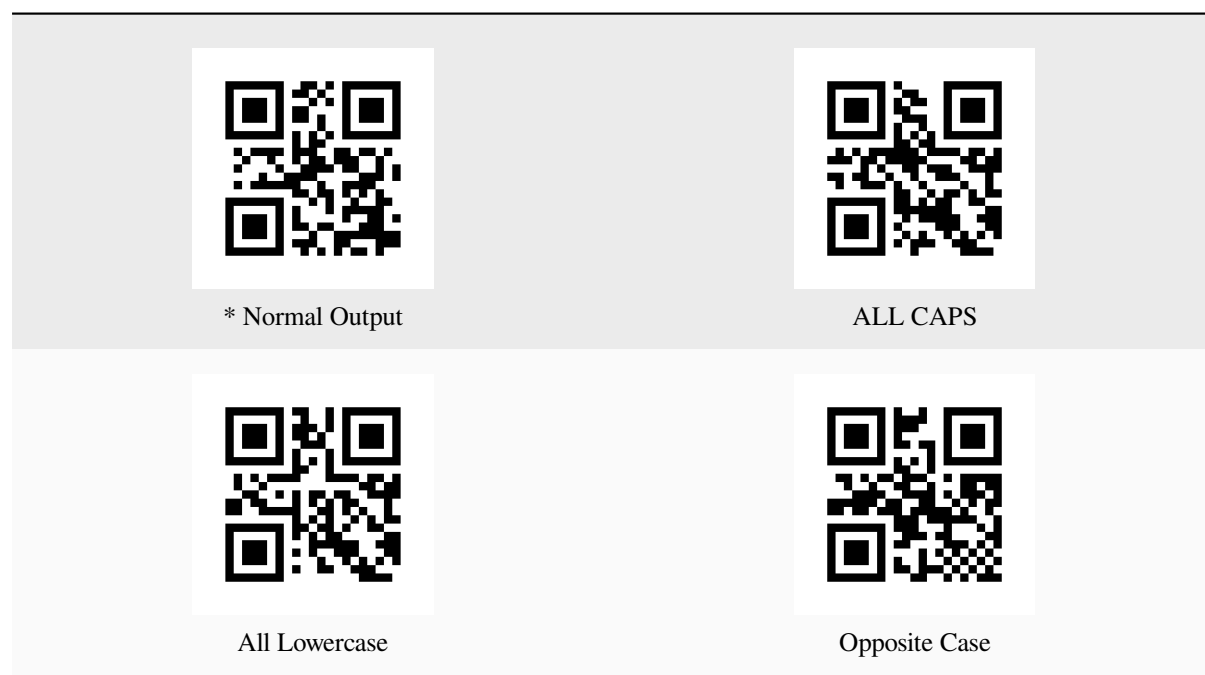
4.3 Keyboard Type

When the virtual keyboard is enabled, correct English letters, English symbols and numeric data can be output in any keyboard language mode. When using the virtual keyboard, you must ensure that Num Lock is enabled.



4.4 Keyboard Letter Case Conversion

Letter conversion, when outputting barcodes with letter content, the output result can be configured to be all uppercase or all lowercase. For example, if the barcode content is: ab123dE, if you scan the “convert to uppercase” barcode, the output result is: AB123DE; if you scan the “convert to lowercase” barcode, the output result is: abc123de; by default, uppercase and lowercase are not converted.



4.5 Keyboard Character Transmission Time Interval

We can improve compatibility and reduce the probability of data loss by setting the transmission time interval between keyboard characters. Time interval setting range: 0-65535ms, default value: 5ms.

Scan the “Character Transmission Interval” Parameter Barcode



Character Transmission Time Interval

Scan the “Numeric Barcode” . For example, if the duration is 10ms, scan 1,0; if the duration is 100ms, scan 1,0,0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

4.6 Quick Setting Of Keyboard Character Transmission Time Interval

 0 ms	 *5ms
 10 ms	 20ms
 30ms	 50 ms

4.7 Keyboard Control Character Output Mode

Control character (0x00-0x1F) output mode selection in ASCII code

Output function keys: Control characters are used as custom function keys. For specific functions, see [ASCII Code Comparison Table](#).

Output CTRL key combination: Output control characters in CTRL key combination mode. For specific functions, see [ASCII Code Comparison Table](#).

Output ALT+numeric keys: supports full control character output in Chinese environment. For specific functions, see [ASCII Code Comparison Table](#).



* Output Function Keys



Output CTRL Key Combination



Output ALT+numeric Keys

5 Data Editing

5.1 Character Set

Input Character Set

To configure the character set used by the Barcode Data, scan the “Input Character Set” Parameter Barcode.



Output Character Set

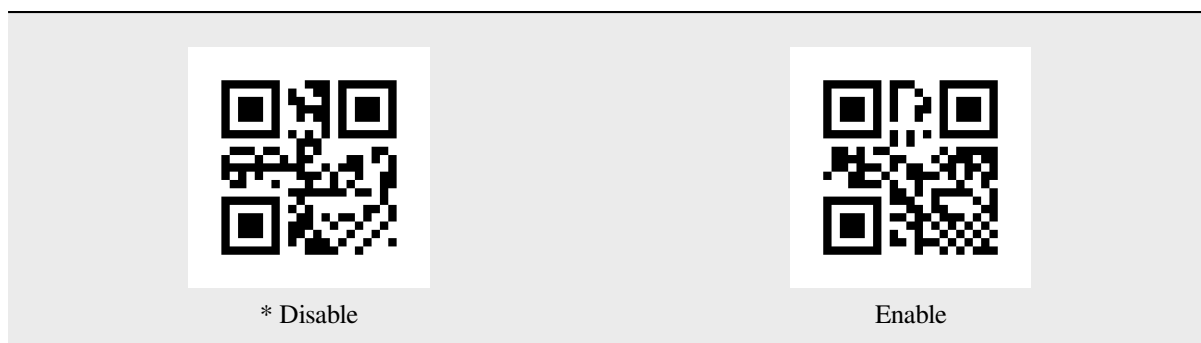
In order to meet the needs of the host character set, you can set it by reading the “output character set” .



5.2 Barcode ID

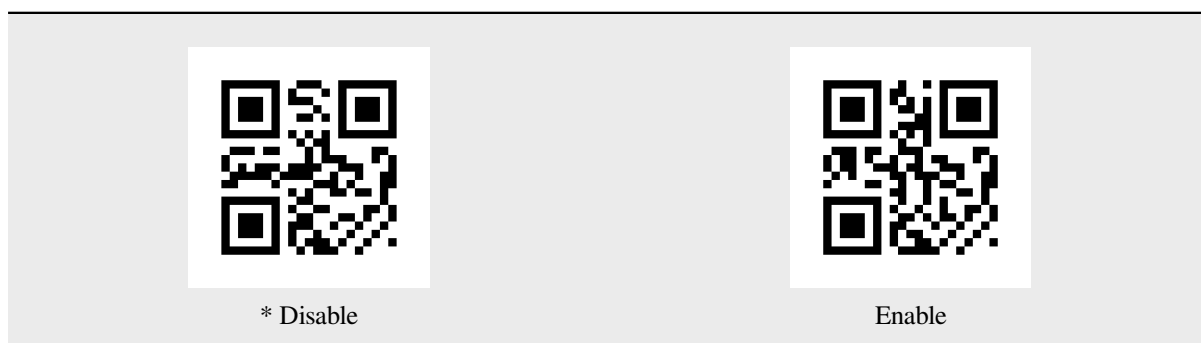
AIM ID

AIM is the abbreviation of Automatic Identification Manufacturers (Automatic Identification Manufacturers Association). AIM ID defines identification codes for various standard barcodes (users cannot customize AIM ID). For specific definitions, see [AIM ID](#). The Scan Engine can add this identification code in front of the barcode data after decoding. The format is: “]” + letter “C” + number “0” . For example, the AIM ID of Code 128 is “JC0” . Users can identify different barcode types through AIM ID.



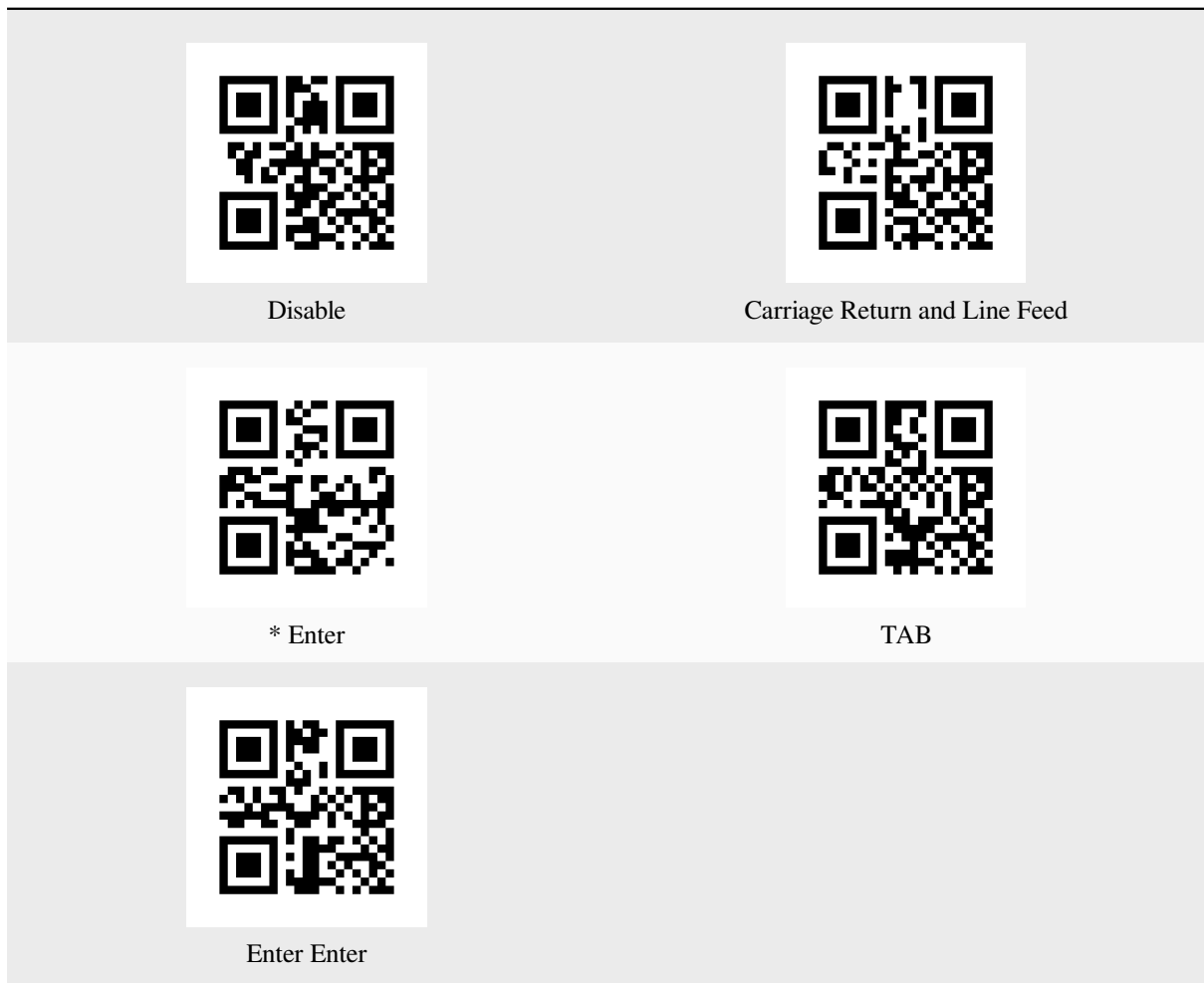
Code ID

Users can identify different barcode types through Code ID, which uses one character for identification. For the specific definition, see [Code ID](#)



5.3 Terminator

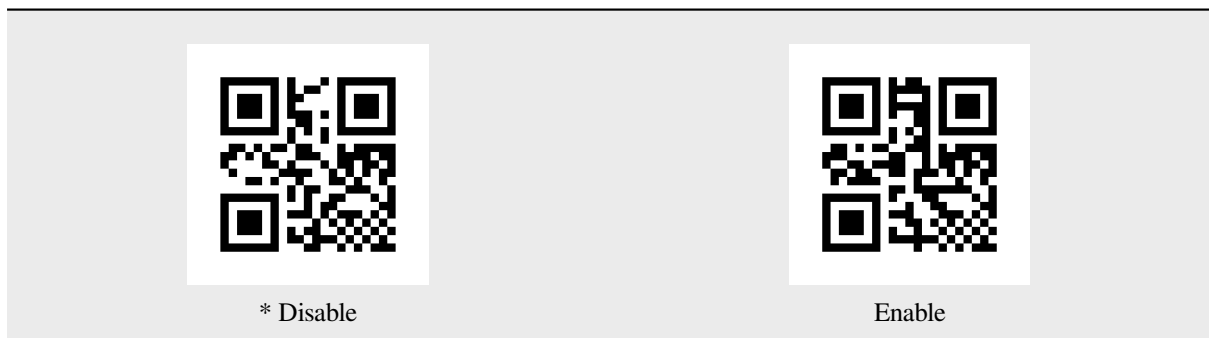
To help the host distinguish consecutive scan results, enable the Terminator function. The Scan Engine appends the selected Terminator to the Output Data.



5.4 Prefix

Prefix Switch

A Prefix is a user-defined string appended before the Output Data. Scan the “Enable” Parameter Barcode to add it, or the “Disable” Parameter Barcode to remove it.



Prefix Content Settings

There are two methods for prefix setting. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Add prefix to Parameter Barcode content format: >!010800XX.

XX

Set the variable, using hexadecimal representation, two characters are one unit, any shortage is filled with 0, it can be superimposed arbitrarily, and a maximum of 10-digit data prefix is supported.

Example

- You need to set the prefix character A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then the Parameter Barcode content is: >!01080041.
- You need to set the prefix characters A B C, check *ASCII Code Comparison Table*, the hexadecimal values are 41 42 43, then the Parameter Barcode content is: >!010800414243.

Method 2: Scan the manual Parameter Barcode

Scan the “Prefix Settings” Parameter Barcode



Prefix Settings

Scan the Numeric Barcodes in pairs.

Example

- You need to set the prefix character A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then scan 4 and 1 respectively
- You need to set the prefix character ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then scan 4, 1, 4, 2, 4, 3 respectively

Scan the “OK” Parameter Barcode to complete the setup.

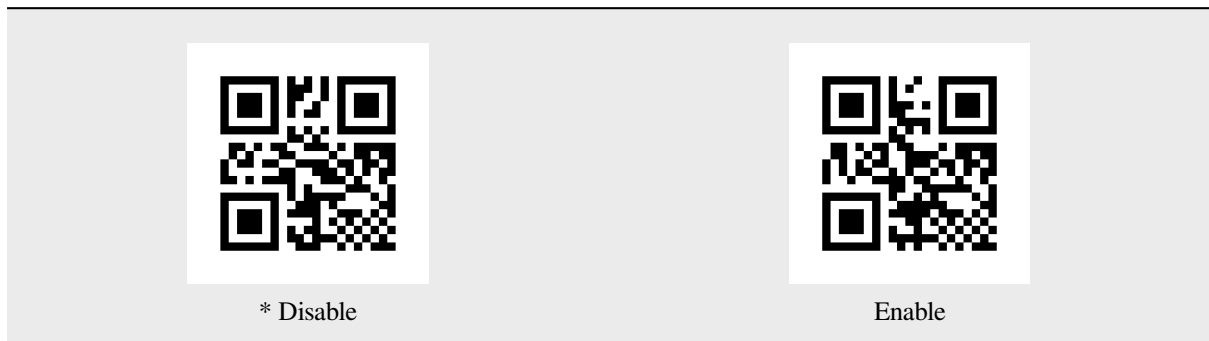


Sure

5.5 Suffix

Suffix Switch

A Suffix is a user-defined string appended after the Output Data. Scan the “Enable” Parameter Barcode to add it, or the “Disable” Parameter Barcode to remove it.



Suffix Content Settings

There are two methods for suffix setting. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Add suffix to Parameter Barcode content format: >!010801XX.

xx

Set the variable, using hexadecimal representation, two characters are one unit, any shortage is filled with 0, it can be superimposed arbitrarily, and a maximum of 10 suffixes are supported.

Example

- You need to set the suffix character A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then the Parameter Barcode content is: >!01080141.
- You need to set the suffix character ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then the Parameter Barcode content is: >!010801414243.

Method 2: Scan the manual Parameter Barcode

Scan the “Suffix Settings” Parameter Barcode



Suffix Settings

Scan the Numeric Barcodes in pairs.

Example

- You need to set the suffix character A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then scan 4 and 1 respectively
- You need to set the suffix character ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then scan 4, 1, 4, 2, 4, 3 respectively

Scan the “OK” Parameter Barcode to complete the setup.

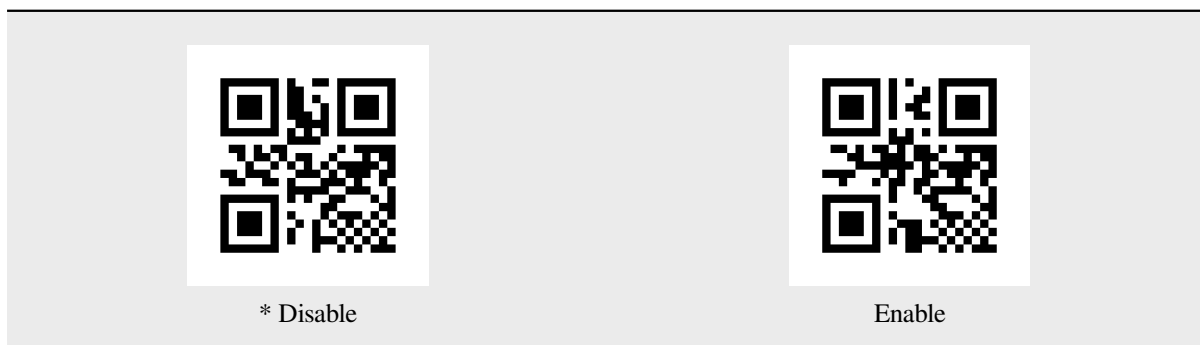


Sure

5.6 Add Prefix Based On Barcode Type

Add Prefix Switch Based On Barcode Type

A Prefix is a user-defined string appended before the Output Data. Scan the “Enable” Parameter Barcode to add it, or the “Disable” Parameter Barcode to remove it.



Add Prefix Content Settings Based On Barcode Type

There are two methods for setting the prefix content. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Add a prefix according to the barcode type to set the code content format: `>!010806XXXX.`

XXXX

Set variables.

The first two xx

Indicates the barcode type. The related hexadecimal value can be found according to [Barcode Types](#).

The last two xx

Use hexadecimal representation, two characters are one unit, and the remaining characters are filled with 0. They can be superimposed arbitrarily, and a maximum of 10-bit data prefix is supported.

Example

- Code 128 barcode prefix character A needs to be set. According to [Barcode Types](#), the hexadecimal value of Code 128 is 01. Check [ASCII Code Comparison Table](#). The hexadecimal value of character A is 41, then the Parameter Barcode content is: `>!0108060141.`
- To set the Code 128 prefix characters A B C, look up Code 128 in [Barcode Types](#); its hexadecimal value is 01. Then look up A B C in [ASCII Code Comparison Table](#); their hexadecimal values are 41 42 43. The Parameter Barcode data is `>!01080601414243.`

Method 2: Scan the manual Parameter Barcode

Scan the “Prefix Settings” Parameter Barcode



Prefix Settings

Set the symbology by scanning the Numeric Barcodes in pairs.

i Example

- You need to set a prefix for Code 128. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, then scan 0 and 1 respectively.

Set the prefix content by scanning the Numeric Barcodes in pairs.

i Example

- You need to set the prefix character A, check *ASCII Code Comparison Table*, the character A is 41 in hexadecimal, then scan 4 and 1 respectively

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.7 Clear Prefix by Barcode Type

Clear the prefix that has been set. There are two methods to clear the prefix. The first method requires the user to generate a QR code, which is more flexible for more users. The second method can scan the Parameter Barcode in this manual according to the steps.

Method 1: Generate Parameter Barcode

Clear prefix Parameter Barcode content format according to barcode type: >!010808XX.

xx

Set a variable to represent the barcode type, using hexadecimal; the relevant hexadecimal value can be found according to *Barcode Types*. Two characters are a unit, and any shortage is filled with 0.

i Example

- The Code 128 barcode prefix needs to be cleared. According to *Barcode Types*, the hexadecimal value of Code 128 is 01, then the Parameter Barcode content is: >!01080801.

Method 2: Scan the manual Parameter Barcode

Scan the “Clear Prefix” Parameter Barcode



Clear Prefix

Clear the symbology by scanning the Numeric Barcodes in pairs.

Example

- The Code 128 prefix needs to be cleared. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, then scan 0 and 1 respectively.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.8 Add Suffix Based On Barcode Type

Add Suffix Switch According To Barcode Type

A Suffix is a user-defined string appended after the Output Data. Scan the “Enable” Parameter Barcode to add it, or the “Disable” Parameter Barcode to remove it.



* Disable



Enable

Add Suffix Content Settings According To Barcode Type

There are two methods for setting the suffix content. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Add a suffix according to the barcode type to set the code content format: >!010807XXXX.

XXXX

Set variables.

The first two xx

Indicates the barcode type. The related hexadecimal value can be found according to *Barcode Types*.

The last two xx

Use hexadecimal representation, two characters are one unit, and the remaining characters are filled with 0. They can be superimposed arbitrarily, and a maximum of 10-digit data suffix is supported.

Example

- Code 128 barcode suffix character A needs to be set. According to *Barcode Types*, the hexadecimal value of Code 128 is 01. Check *ASCII Code Comparison Table*. The hexadecimal value of character A is 41, then the Parameter Barcode content is: >!0108070141.
- To set the Code 128 suffix characters A B C, look up Code 128 in *Barcode Types*; its hexadecimal value is 01. Then look up A B C in *ASCII Code Comparison Table*; their hexadecimal values are 41 42 43. The Parameter Barcode data is >!01080701414243.

Method 2: Scan the manual Parameter Barcode

Scan the “Suffix Settings” Parameter Barcode



Suffix Settings

Set the symbology by scanning the Numeric Barcodes in pairs.

Example

- You need to set a suffix for Code 128. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, then scan 0 and 1 respectively.

Set the suffix content by scanning the Numeric Barcodes in pairs.

Example

- You need to set the suffix character A, check *ASCII Code Comparison Table*, the hexadecimal value of character A is 41, then scan 4 and 1 respectively

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.9 Clear Suffix by Barcode Type

Clear the suffix that has been set. There are two methods to clear the suffix. The first method requires the user to generate a QR code, which is more flexible for more users. The second method can scan the Parameter Barcode in this manual according to the steps.

Method 1: Generate Parameter Barcode

Clear the suffix Parameter Barcode content format according to the barcode type: >!010809XX.

XX

Set a variable to represent the barcode type, using hexadecimal; the relevant hexadecimal value can be found according to *Barcode Types*. Two characters are a unit, and any shortage is filled with 0.

Example

- The Code 128 barcode suffix needs to be cleared. According to *Barcode Types*, the hexadecimal value of Code 128 is 01, then the Parameter Barcode content is: >!01080901.

Method 2: Scan the manual Parameter Barcode

Scan the “Clear Suffix” Parameter Barcode



Clear Suffix

Clear the symbology by scanning the Numeric Barcodes in pairs.

Example

- The Code 128 suffix needs to be cleared. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, then scan 0 and 1 respectively.

Scan the “OK” Parameter Barcode to complete the setup.

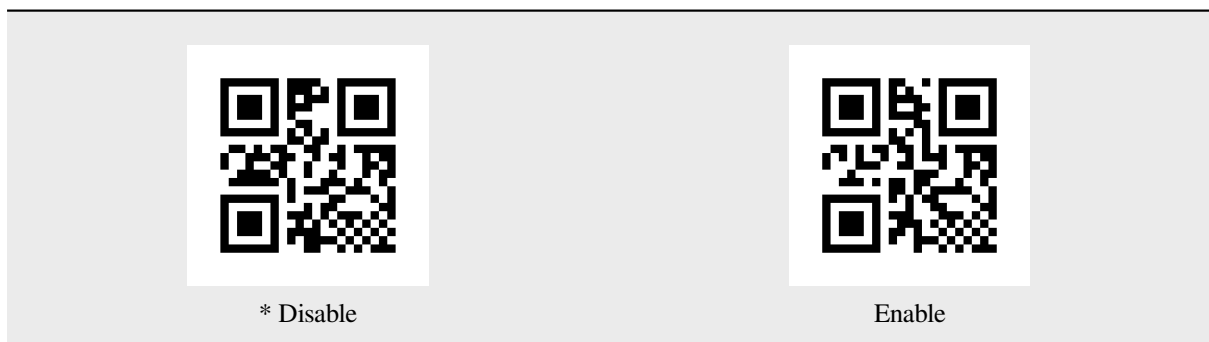


Sure

5.10 Hide Fixed Characters

This function can hide strings that the user does not need to output based on needs.

Hide Fixed Character Switch



Hide Fixed Character Settings

There are two methods for hiding fixed character settings. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Hide fixed character Parameter Barcode content format: >!010802XX.

XX

Set variables in hexadecimal notation. Two characters are one unit. Any deficiencies are filled with 0s. They can be superimposed arbitrarily. A maximum of 20 digits are supported.

Example

- You need to set the hidden character A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then the Parameter Barcode content is: >!01080241.
- You need to set the hidden character ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then the Parameter Barcode content is: >!010802414243.

Method 2: Scan the manual Parameter Barcode

Scan the “Hide Fixed Characters” Parameter Barcode



Hide Fixed Characters

Scan the Numeric Barcodes in pairs.

Example

- If you need to hide character A, check *ASCII Code Comparison Table*. The hexadecimal value is 41, then scan 4 and 1 respectively.
- If you need to hide line breaks, check *ASCII Code Comparison Table*. If the hexadecimal value is 0A, scan 0 and A respectively.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.11 Keep Barcode Data Based On Length

This function can retain the data required by the user in the barcode according to needs.

Keep Data Switch



* Disable



Forward Index



Reverse Index

Note

Forward index (from the front end of the data to the starting position); reverse index (from the back end of the data to the starting position)

Keep Data Starting Position

There are two methods for initial setting. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Starting position Parameter Barcode content format: >!00102AXX.

XX

Set variable, decimal range 1–65535.

Example

- If the start position is set to 11, the Parameter Barcode content is: >!00102A11.

Method 2: Scan the manual Parameter Barcode

Scan the “Start Position” Parameter Barcode



Starting Position

Scan the “Numeric Barcode” , starting from the number, scan the corresponding Numeric Barcode.

Example

- At position 11, scan 1, 1.
- For the 100 position, scan 1, 0, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Keep Data End Position

There are two methods to end the settings. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

End position Parameter Barcode content format: `>!00102BXX.`

xx

Set variable, decimal range 1–65535.

Example

- If the end position is set to 50, the Parameter Barcode content is: `>!00102B50.`

Method 2: Scan the manual Parameter Barcode

Scan the “End Position” Parameter Barcode



End Position

Scan the “Numeric Barcode” , start from the end number, and scan the corresponding Numeric Barcode.

Example

- At the 50 position, scan 5, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.12 Hide Barcode Data Based On Length

This function can hide the data in the barcode that the user does not need according to the needs.

Hide Barcode Data Switch



* Disable



Forward Index



Reverse Index

Note

Forward index (from the front end of the data to the starting position); reverse index (from the back end of the data to the starting position)

Hide Starting Position Of Barcode Data

There are two methods for initial setting. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Starting position Parameter Barcode content format: >!001027XX.

XX

Set variable, decimal range 1–65535.

Example

- If the starting position is set to 11, the Parameter Barcode content is: >!00102711.

Method 2: Scan the manual Parameter Barcode

Scan the “Start Position” Parameter Barcode



Starting Position

Scan the “Numeric Barcode” , starting from the number, scan the corresponding Numeric Barcode.

Example

- At position 11, scan 1, 1.
- For the 100 position, scan 1, 0, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Hide Barcode Data End Position

There are two methods to end the settings. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

End position Parameter Barcode content format: >!001028XX.

XX

Set variable, decimal range 1–65535.

Example

- If the end position is set to 50, the Parameter Barcode content is: >!00102850.

Method 2: Scan the manual Parameter Barcode

Scan the “End Position” Parameter Barcode



End Position

Scan the “Numeric Barcode” , start from the end number, and scan the corresponding Numeric Barcode.

Example

- At position 11, scan 1, 1.
- For the 100 position, scan 1, 0, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.13 Hide Barcode Data Of Any Length Based On Barcode Type

This function can hide data that users do not need in the barcode according to the barcode type according to the needs.

Hide Barcode Data Switch Based On Barcode Type



* Disable



Forward Index



Reverse Index

Note

Forward index (from the front end of the data to the starting position); reverse index (from the back end of the data to the starting position)

Hide Data Starting Position Based On Barcode Type

There are two methods for initial setting. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

The content format of the starting position of hidden data according to the barcode type is: `>!01080AXXXX`.

XXXX

Set variables.

The first two xx

Indicates the barcode type. The related hexadecimal value can be found according to [Barcode Types](#).

The last two xx

Use hexadecimal notation, two characters are one unit, any shortage is filled with 0, and the length range is `0x0000-0xFFFF`.

Example

- The starting position of Code 128 needs to be hidden and set to 11. According to [Barcode Types](#), the hexadecimal value of Code 128 is 01, and the hexadecimal value of 11 is 0B, then the Parameter Barcode content is: `>!01080A010B`.

Method 2: Scan the manual Parameter Barcode

Scan the “Barcode Type and Starting Position” Parameter Barcode



Barcode Type And Starting Position

Set the symbology by scanning the Numeric Barcodes in pairs.

Example

- Code 128 needs to be hidden. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, so scan 0 and 1 respectively.

Set the start position by scanning the Numeric Barcodes in pairs.

Hexadecimal input is used here.

Example

- Character position 11 corresponds to 0B; scan 0 and B.
- The 100 position corresponds to 64, scan 6, 4.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Hide Data End Position Based On Barcode Type

There are two methods to end the settings. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

The content format of the end position of hidden data according to the barcode type is: >!01080BXXXX.

XXXX

Set variables.

The first two xx

Indicates the barcode type. The related hexadecimal value can be found according to *Barcode Types*.

The last two xx

Use hexadecimal notation, two characters are one unit, any shortage is filled with 0, and the length range is 0x0000-0xFFFF.

Example

- It is necessary to hide the end position of Code 128 and set it to 100. According to *Barcode Types*, the hexadecimal value of Code 128 is 01, and the hexadecimal value of 100 is 64, then the Parameter Barcode content is: >!01080B0164.

Method 2: Scan the manual Parameter Barcode

Scan the “Barcode Type and End Position” Parameter Barcode



Barcode Type And End Position

Set the symbology by scanning the Numeric Barcodes in pairs.

Example

- Code 128 needs to be hidden. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, so scan 0 and 1 respectively.

Set the end position by scanning the Numeric Barcodes in pairs.

Hexadecimal input is used here.

Example

- Character position 11 corresponds to 0B; scan 0 and B.
- The 100 position corresponds to 64, scan 6, 4.

Scan the “OK” Parameter Barcode to complete the setup.

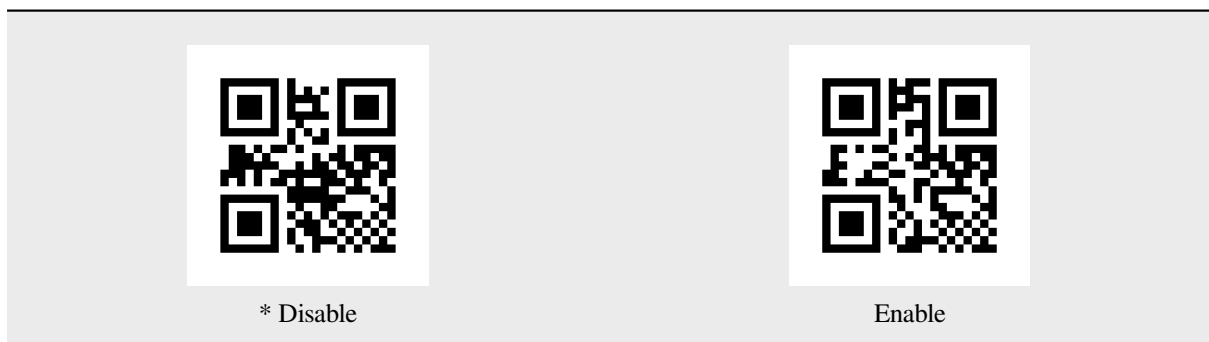


Sure

5.14 Hide Any Length of Leading Data by Symbology

This feature hides any number of unwanted leading characters for the selected symbology.

Hide Leading Data by Symbology



Set Leading-data Length by Symbology

There are two ways to set the length. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

The length format of hiding arbitrary length data at the end of the barcode according to the barcode type is: `>!01080CXXXX`.

XXXX

Set variables.

The first two xx

Indicates the barcode type. The related hexadecimal value can be found according to *Barcode Types*.

The last two xx

Use hexadecimal notation, two characters are one unit, any shortage is filled with 0, and the length range is `0x0000-0xFFFF`.

Example

- It is necessary to hide the data of Code 128 header length 15. According to *Barcode Types*, the hexadecimal value of Code 128 is `01`, and the hexadecimal value of 15 is `0F`, then the Parameter Barcode content is: `>!01080C010F`.

Method 2: Scan the manual Parameter Barcode

Scan the “Barcode Type and Length” Parameter Barcode



Barcode Type And Length

Set the symbology by scanning the Numeric Barcodes in pairs.

Example

- Code 128 needs to be hidden. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, so scan 0 and 1 respectively.

Set the length by scanning the Numeric Barcodes in pairs.

Hexadecimal input is used here.

Example

- The length 11 corresponds to 0B, scan 0, B.
- The length 100 corresponds to 64, scan 6, 4.

Scan the “OK” Parameter Barcode to complete the setup.

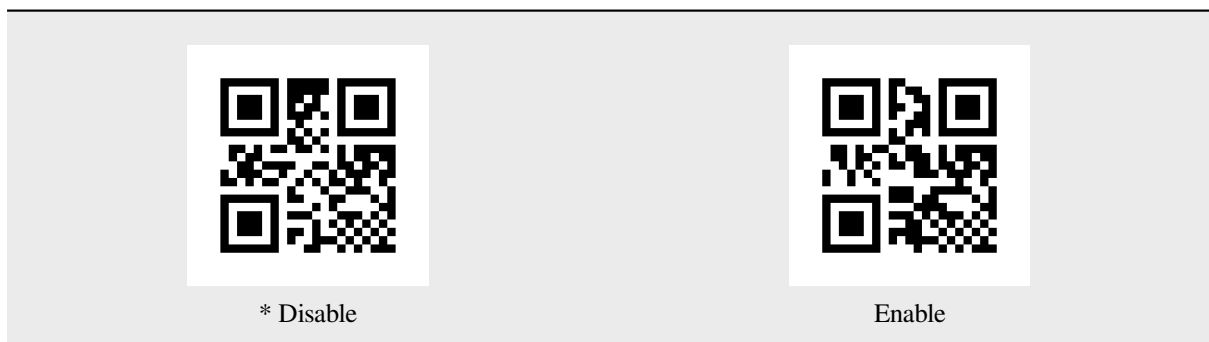


Sure

5.15 Hide Any Length of Trailing Data by Symbology

This feature hides any number of unwanted trailing characters for the selected symbology.

Hide Trailing Data by Symbology



Set Trailing-data Length by Symbology

There are two ways to set the length. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

The length format of hiding any length of data at the end of the barcode according to the barcode type is:
>!01080DXXXX.

XXXX

Set variables.

The first two xx

Indicates the barcode type. The related hexadecimal value can be found according to *Barcode Types*.

The last two xx

Use hexadecimal notation, two characters are one unit, any shortage is filled with 0, and the length range is 0x0000-0xFFFF.

Example

- It is necessary to hide the data with tail length 12 of Code 128. According to *Barcode Types*, the hexadecimal value of Code 128 is 01, and the hexadecimal value of 12 is 0C, then the Parameter Barcode content is: >!01080D010C.

Method 2: Scan the manual Parameter Barcode

Scan the “Barcode Type and Length” Parameter Barcode



Barcode Type And Length

Set the symbology by scanning the Numeric Barcodes in pairs.

Example

- Code 128 needs to be hidden. According to *Barcode Types*, the hexadecimal value of the barcode type of Code 128 is 01, so scan 0 and 1 respectively.

Set the length by scanning the Numeric Barcodes in pairs.

Hexadecimal input is used here.

Example

- The length 11 corresponds to 0B, scan 0, B.
- The length 100 corresponds to 64, scan 6, 4.

Scan the “OK” Parameter Barcode to complete the setup.

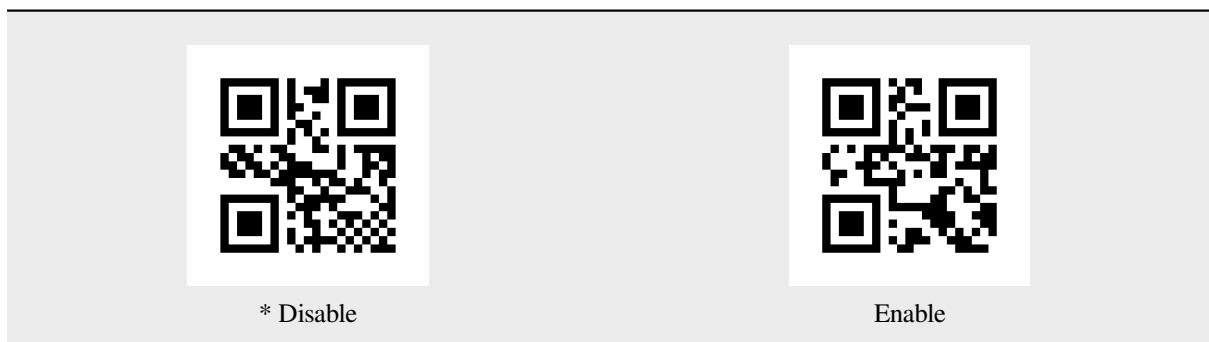


Sure

5.16 Insert Custom Data

This function can insert user-defined data at any position in the barcode data according to requirements.

Insert Custom Data Switch



Custom Data

There are two methods for customizing data. The first method requires the user to generate a QR code, which tends to set up more users and is more flexible to use. The second method can scan the Parameter Barcode in this manual according to the steps.

Method 1: Generate Parameter Barcode

Customized insertion data Parameter Barcode content format: >!010803XX.

XX

Set variables using hexadecimal notation. Two characters are one unit. Any deficiencies are filled with 0s. They can be superimposed arbitrarily. A maximum of 20 digits of custom data are supported.

Example

- You need to insert custom data A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then the Parameter Barcode content is: >!01080341.
- You need to insert custom data ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then the Parameter Barcode content is: >!010803414243.

Method 2: Scan the manual Parameter Barcode

Scan the “custom data” Parameter Barcode



Custom Data

Scan the Numeric Barcodes in pairs.

Example

- If you need to insert custom data A, check *ASCII Code Comparison Table*. If the hexadecimal value is 41, scan 4 and 1 respectively.
- If you need to insert custom data ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then scan 4, 1, 4, 2, 4, 3 respectively

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Insertion Position

There are two methods for setting the insertion position. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Insert position Parameter Barcode content format: >!00102EXX.

xx

Set variable, decimal range 1-65535.

Example

- If the insertion position is set to 11, the Parameter Barcode content is: >!00102E11.

Method 2: Scan the manual Parameter Barcode

Scan the “Insert Position” Parameter Barcode



Insertion Position

Scan the “Numeric Barcode” , insert the position, and scan the corresponding Numeric Barcode.

Example

- At position 11, scan 1, 1.
- For the 100 position, scan 1, 0, 0.

Scan the “OK” Parameter Barcode to complete the setup.

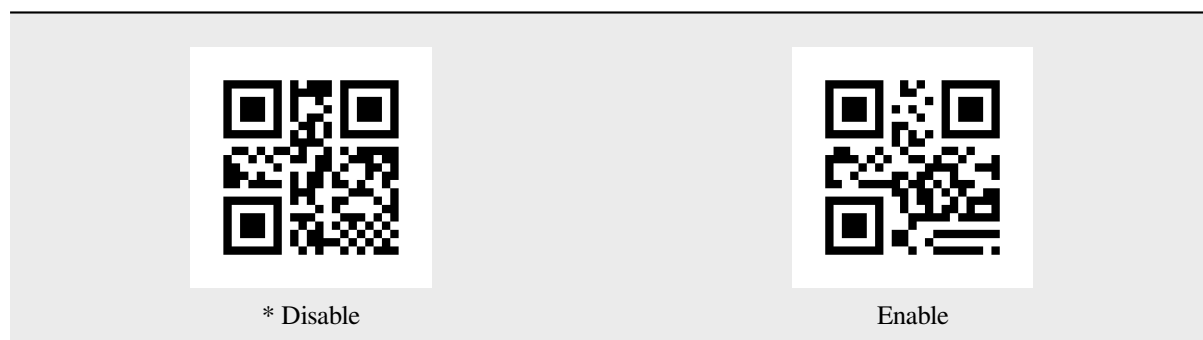


Sure

5.17 Data Replacement

This function can replace the data in the original string with any data according to requirements.

Data Replacement Switch



Replaced Data Settings

There are two methods for setting the replaced data. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

The content format of the replaced data Parameter Barcode: >!010804XX.

XX

Set variables in hexadecimal notation. Two characters are one unit. Any deficiencies are filled with 0s. They can be superimposed arbitrarily. A maximum of 20 digits are supported.

Example

- Replaced data A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then the Parameter Barcode content is: >!01080441.
- For the replaced data ABC, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then the Parameter Barcode content is: >!010804414243.

Method 2: Scan the manual Parameter Barcode

Scan the “replaced data” Parameter Barcode



Data To Be Replaced

Scan the Numeric Barcodes in pairs.

Example

- For the replaced data A, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then scan 4 and 1 respectively.
- To wrap the replaced data, check *ASCII Code Comparison Table*. If the hexadecimal value is 0A, scan 0 and A respectively.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Replace Data Settings

There are two methods for replacing data settings. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Replacement data Parameter Barcode content format: >!010805XX.

xx

Set variables in hexadecimal notation. Two characters are one unit. Any deficiencies are filled with 0s. They can be superimposed arbitrarily. A maximum of 20 digits are supported.

Example

- Data A replaces the original data, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then the Parameter Barcode content is: >!01080541.
- Data ABC replaces the original data, check *ASCII Code Comparison Table*, the hexadecimal value is 414243, then the Parameter Barcode content is: >!010805414243.

Method 2: Scan the manual Parameter Barcode

Scan the “Replace Data” Parameter Barcode



Replace Data

Scan the Numeric Barcodes in pairs.

Example

- Data A replaces the original data, check *ASCII Code Comparison Table*, the hexadecimal value is 41, then scan 4 and 1 respectively
- To replace the original data with newline data, check *ASCII Code Comparison Table*. If the hexadecimal value is 0A, scan 0 and A respectively.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

5.18 Line Feed And Carriage Return

Line feed (\n) and carriage return line feed (\r\n) are both converted to carriage return (\r).



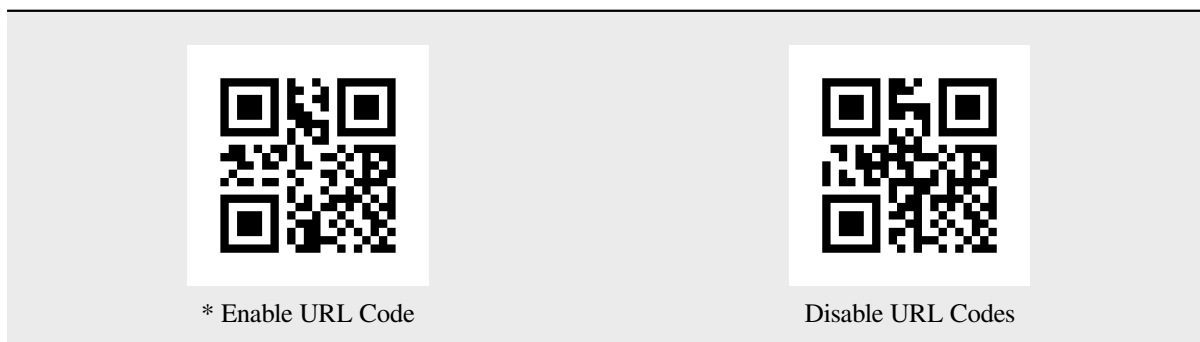
* Disable



Enable

5.19 URL Switch

To prevent barcodes with URL information from being mistakenly scanned when scanning product barcodes, or in some other special applications, this function can disable the recognition of barcodes with URL information as needed.



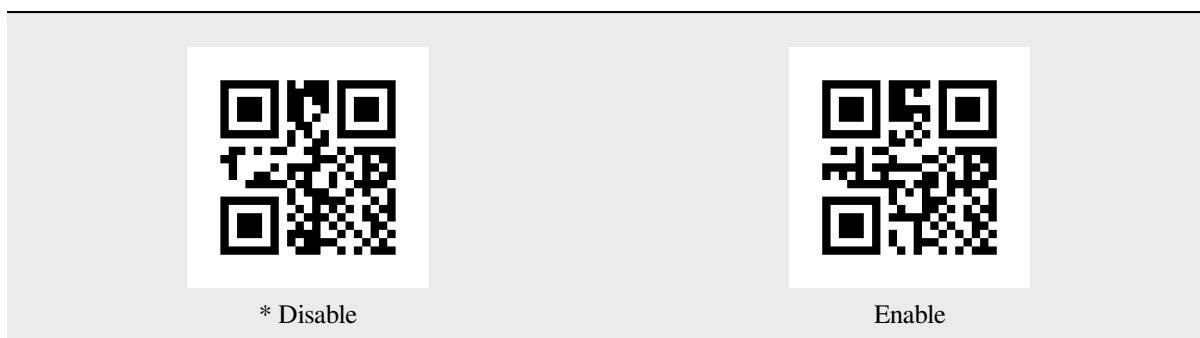
5.20 Invoicing Function

In order to use this module normally in the invoicing system, users can convert and output the invoice code format by scanning the following Parameter Barcode.

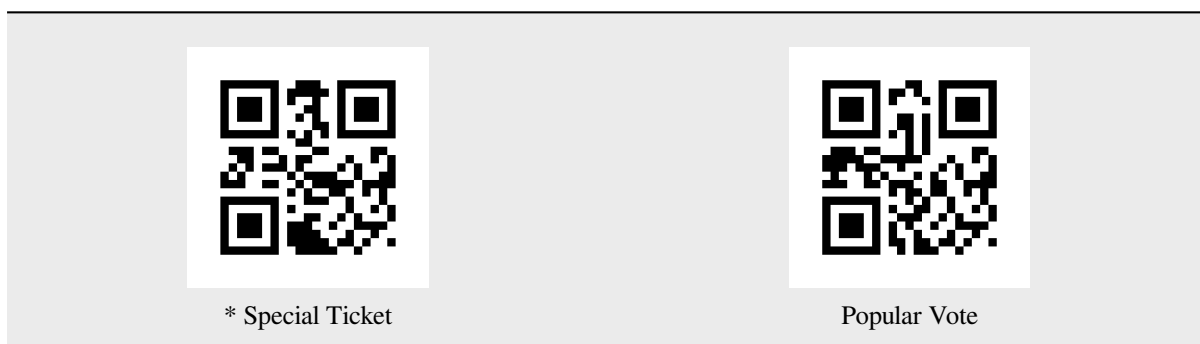
Note

This function supports Alipay QR code invoicing, but does not support WeChat QR code invoicing.

Invoicing Function Switch



Invoice type



5.21 GS1 rules enabled

Enable GS1 rules and enclose AI segments in parentheses.

	
* Disable	Enable

6 Barcode Settings

6.1 Barcode Global Operations

6.2 Global Switch

	
Disable	Enable


* Default

6.3 Global 1D Barcode Switch

	
Disable	Enable
	
* Default	

6.4 Global 2D Barcode Switch

	
Disable	Enable
	
* Default	

6.5 Barcode Security Level

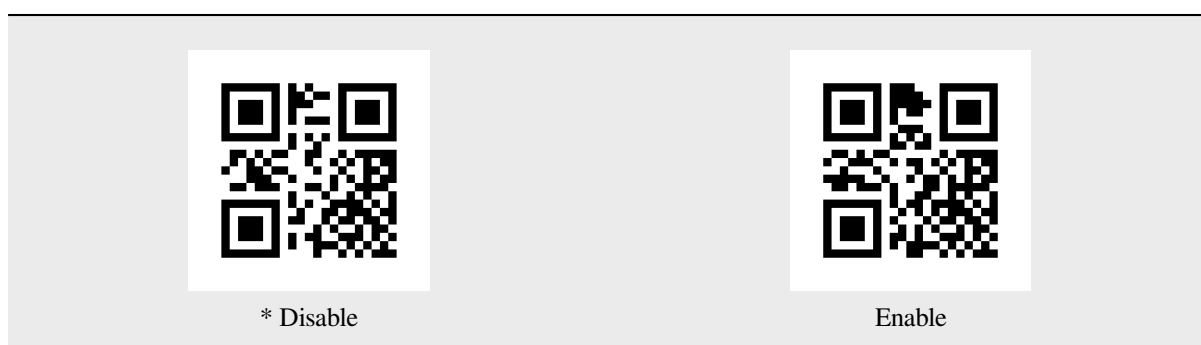
Five security levels are available to reduce decoding errors under difficult conditions. Higher levels improve reliability but may reduce decoding speed.



6.6 Multi-code Identification

In special application scenarios, multiple barcodes need to be read at the same time. Scanning the following Parameter Barcode will enable/disable multi-code reading.

Must Read Multiple Codes



Read Multiple Codes

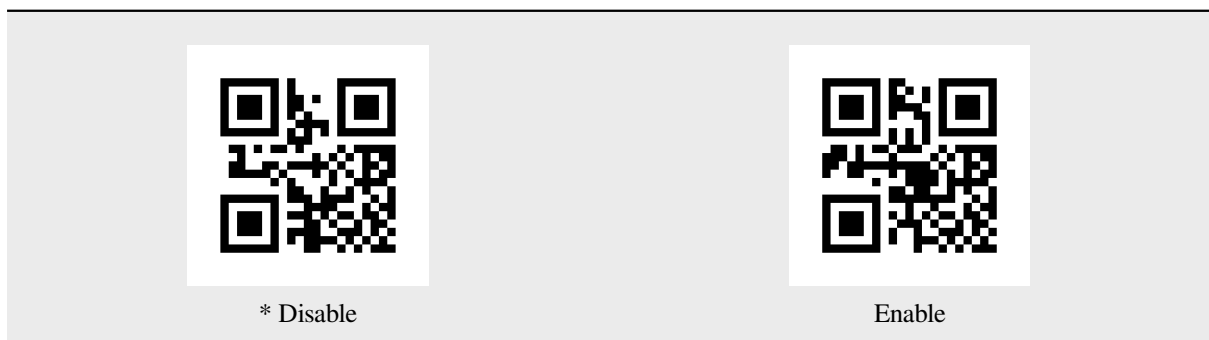


6.7 Global Inverse-reading Switch

Scan the following Parameter Barcode to enable/disable inverse reading.

Note

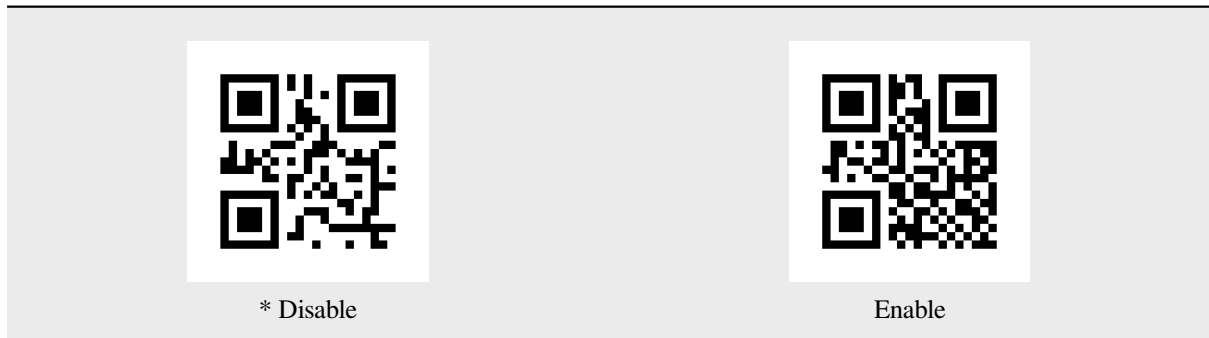
Enabling inverse reading globally may significantly reduce Barcode Reader performance. For commonly used symbologies, enable inverse reading only for the required symbology.



6.8 Local Inverse-reading Switch

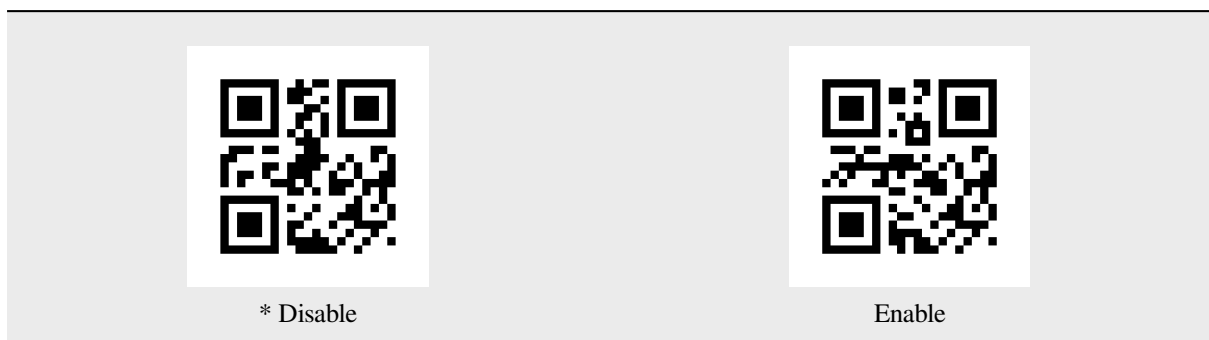
Code 128 inverse-reading switch

Scan the following Parameter Barcode to enable/disable inverse reading of Code 128 barcodes. This setting is also valid for GS1-128



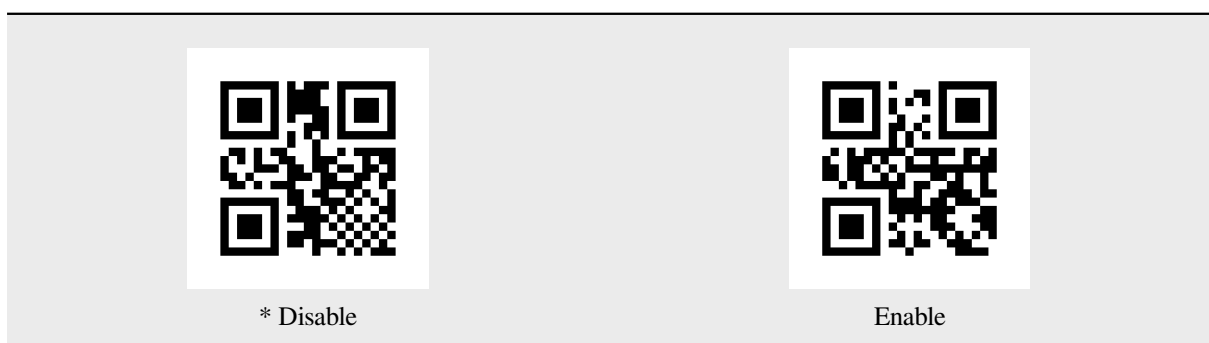
EAN/UPC Inverse-reading Switch

Scan the following Parameter Barcode to enable/disable inverse reading of EAN/UPC barcodes.



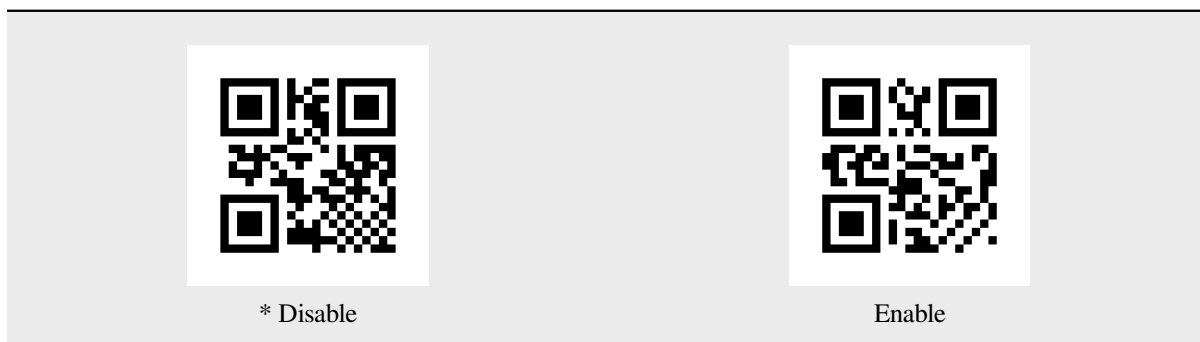
ITF25 inverse-reading switch

Scan the following Parameter Barcode to enable/disable inverse reading of ITF25 barcodes.



Code 39 inverse-reading switch

Scan the following Parameter Barcode to enable/disable inverse reading of Code 39 barcodes.



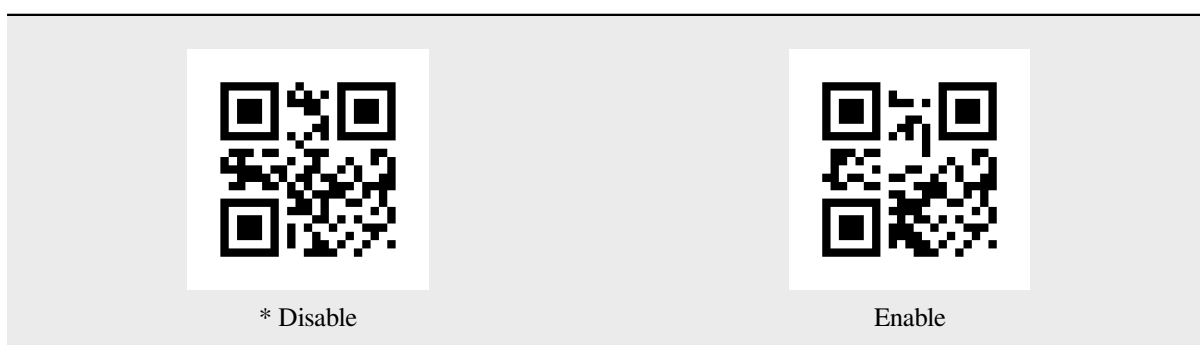
Codabar inverse-reading switch

Scan the following Parameter Barcode to enable/disable inverse reading of Codabar barcodes.



Code 93 inverse-reading switch

Scan the following Parameter Barcode to enable/disable inverse reading of Code 93 barcodes.

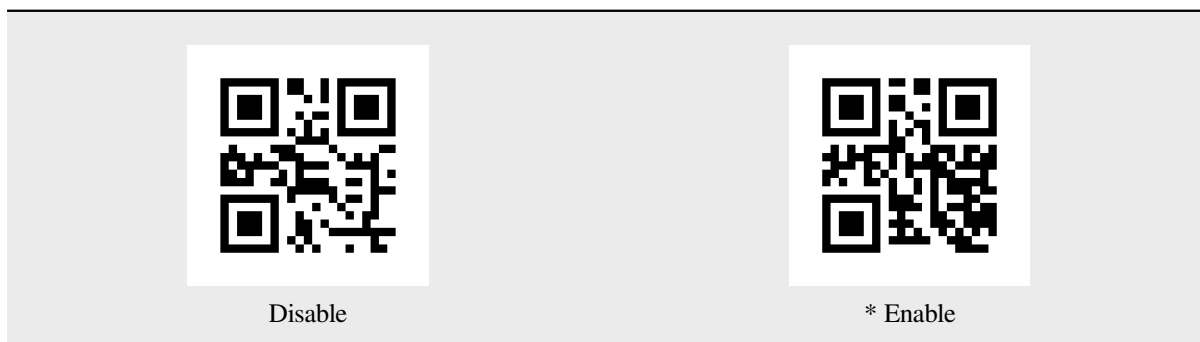


L Series - Symbology Enable/Disable Configuration

Code 128

Code 128 Switch

Scan the following Parameter Barcode to enable/disable reading of Code 128 barcodes.



Code 128 Minimum Length

There are two methods for setting the minimum length of Code 128. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 128 minimum length Parameter Barcode content format: >!000012XX.

XX

Set variable, decimal range 0–255.

Example

- Code 128 minimum length is set to 2, then the Parameter Barcode content is: >!0000122.
- The minimum length of Code 128 is set to 12, then the Parameter Barcode content is: >!00001212.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 128 Minimum Length” Parameter Barcode



Code 128 Minimum Length

Scan the “Numeric Barcode”.

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 128 Maximum Length

There are two methods for setting the maximum length of Code 128. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 128 Maximum length Parameter Barcode content format: >!000013XX.

XX

Set variable, decimal range 0–255.

Example

- The maximum length of Code 128 is set to 9, then the Parameter Barcode content is: >!0000139.
- The maximum length of Code 128 is set to 20, then the Parameter Barcode content is: >!00001320.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 128 Maximum Length” Parameter Barcode



Code 128 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 128 Security Level

The higher the barcode security level, the lower the error rate, and the code reading effect will also be affected to a certain extent.



* Low



Medium



High

UCC/EAN-128/GS1-128

GS1 128 Switch

Scan the following Parameter Barcode to enable/disable reading of the GS1 128 barcode.



Disable



* Enable

GS1 128 Minimum Length

There are two methods for setting the minimum length of GS1 128. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

GS1 128 minimum length Parameter Barcode content format: >!000022XX.

XX

Set variable, decimal range 0–255.

Example

- The minimum length of GS1 128 is set to 2, then the Parameter Barcode content is: >!0000222.
- The minimum length of GS1 128 is set to 12, then the Parameter Barcode content is: >!00002212.

Method 2: Scan the manual Parameter Barcode

Scan the “GS1 128 minimum length” Parameter Barcode



GS1 128 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

GS1 128 Maximum Length

There are two methods for setting the maximum length of GS1 128. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

GS1 128 maximum length Parameter Barcode content format: >!000023XX.

xx

Set variable, decimal range 0–255.

Example

- The maximum length of GS1 128 is set to 9, then the Parameter Barcode content is: >!0000239.
- The maximum length of GS1 128 is set to 20, then the Parameter Barcode content is: >!00002320.

Method 2: Scan the manual Parameter Barcode

Scan the “GS1 128 maximum length” Parameter Barcode



GS1 128 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

EAN-8

EAN-8 Switch

Scan the following Parameter Barcode to enable/disable EAN-8 barcode reading.

 Disable	 * Enable
--	--

EAN-8 Check Digit Transmission

Scan the following Parameter Barcode to set whether EAN-8 transmits the check digit.

 Disable	 * Enable
---	---

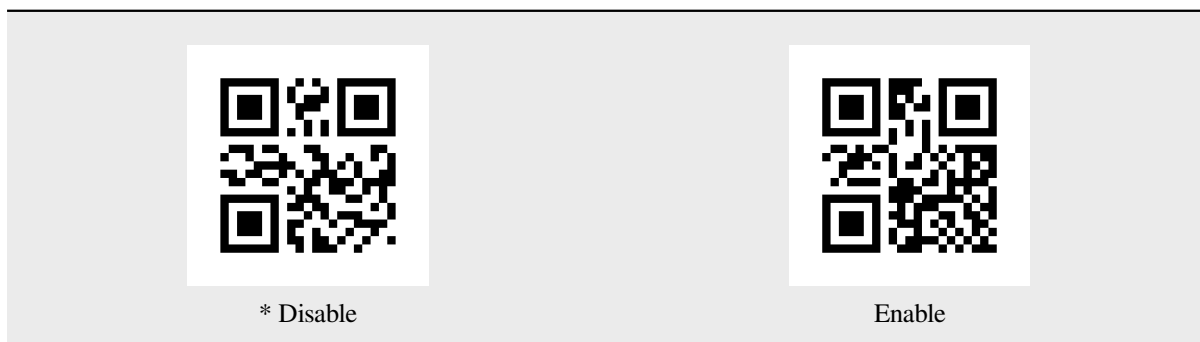
EAN-8 Reads 2-digit Additional Code

Scan the following Parameter Barcode to set whether EAN-8 can read the 2-digit additional code.

 * Disable	 Enable
--	--

EAN-8 Reads 5-digit Additional Code

Scan the following Parameter Barcode to set whether EAN-8 can read the 5-digit additional code.



Read Only With Add-on Code EAN-8

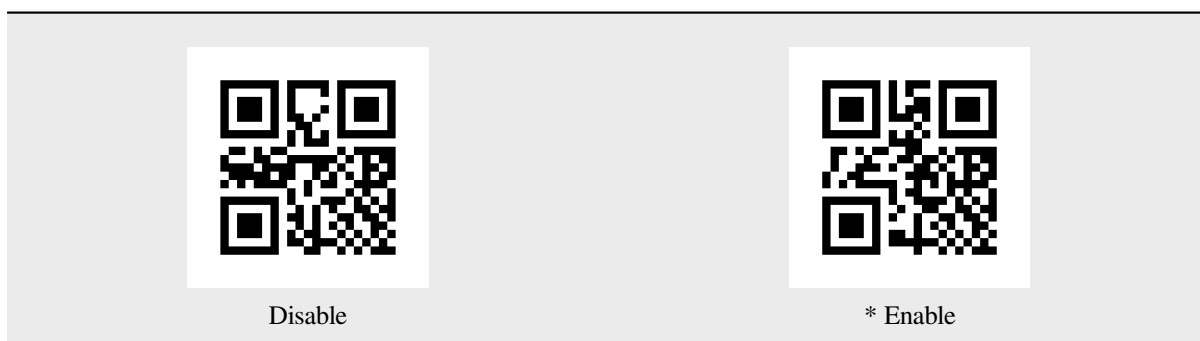
Scan the following Parameter Barcode to set whether to read only EAN-8 with additional code.



EAN-13

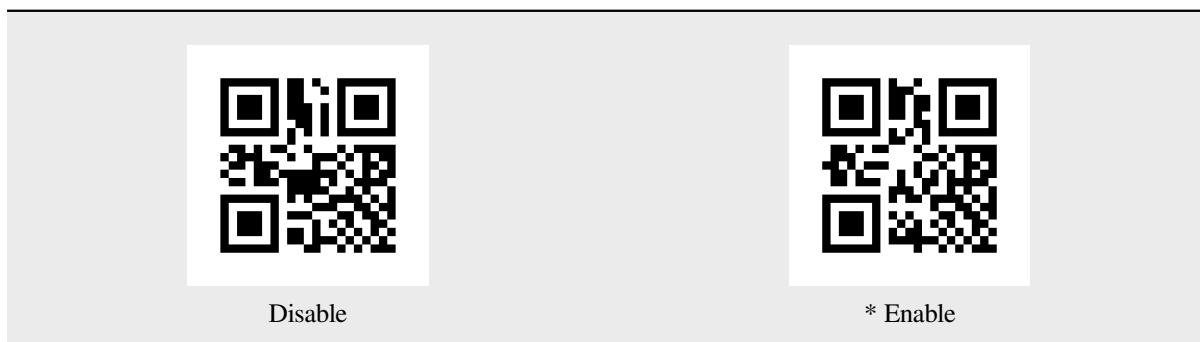
EAN-13 Switch

Scan the following Parameter Barcode to enable/disable EAN-13 barcode reading.



EAN-13 Check Digit Transmission

Scan the following Parameter Barcode to set whether EAN-13 transmits check digits.



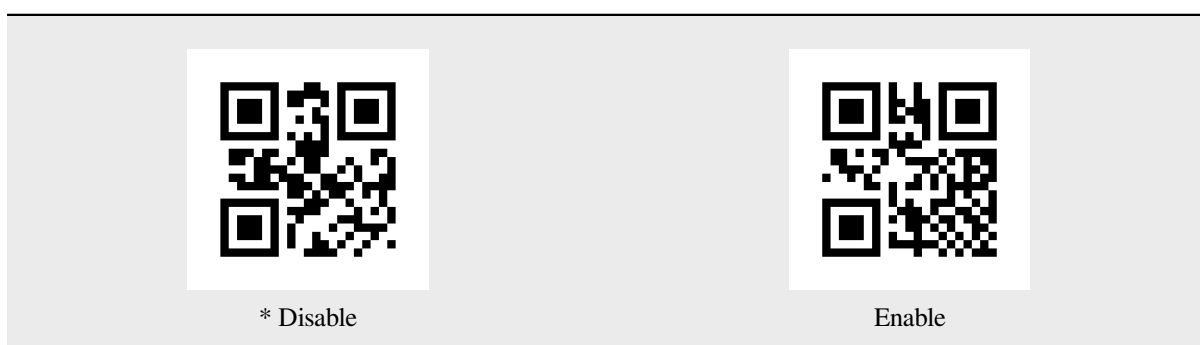
EAN-13 Reads 2-digit Additional Code

Scan the following Parameter Barcode to set whether EAN-13 can read the 2-digit additional code.



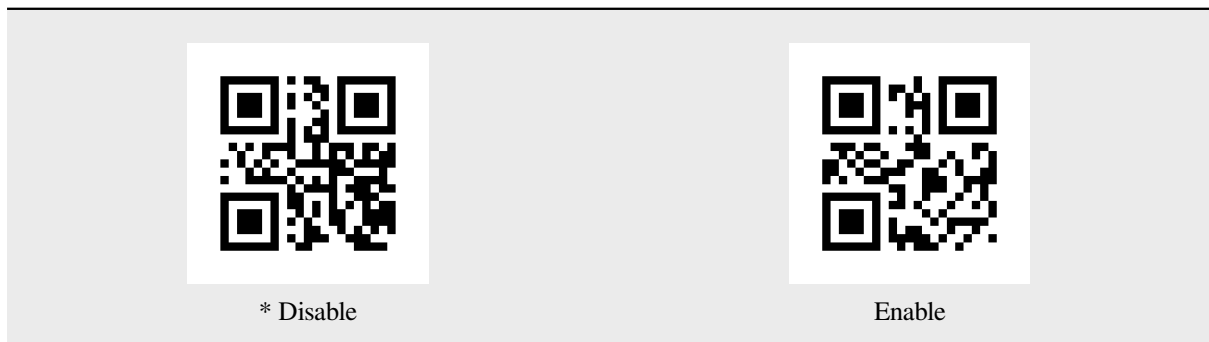
EAN-13 Reads 5-digit Additional Code

Scan the following Parameter Barcode to set whether EAN-13 can read the 5-digit additional code.



Read Only With Add-on Code EAN-13

Scan the following Parameter Barcode to set whether to read only EAN-13 with additional code.

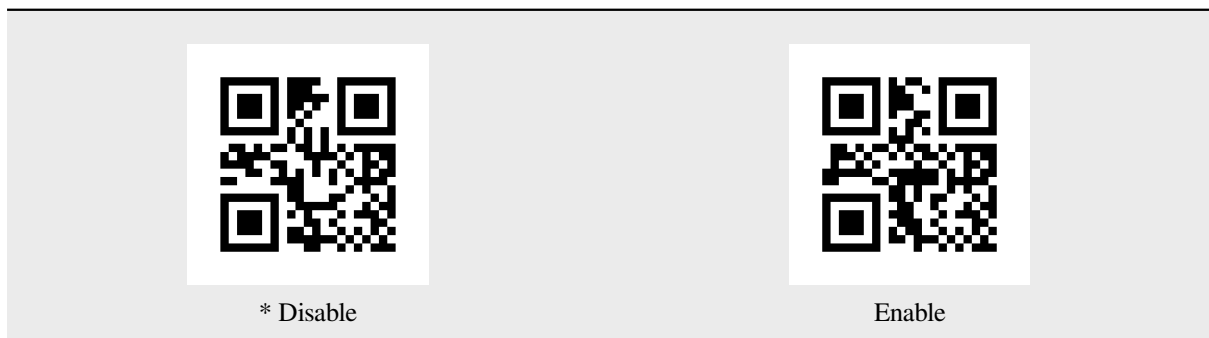


ISSN

Scan the following Parameter Barcode to enable/disable ISSN barcode reading.

Note

Disable ISSN, ISSN will be treated as EAN-13



ISBN

Scan the following Parameter Barcode to enable/disable ISBN barcode reading.

Note

Disable ISBN, ISBN will be treated as EAN-13



* Disable



Enable

UPC-E

UPC-E Switch

Scan the following Parameter Barcode to enable/disable reading of UPC-E barcodes.



Disable



* Enable

UPC-E Check Digit Transmission

Scan the following Parameter Barcode to set whether UPC-E transmits the check digit.



Disable



* Enable

UPC-E Reads 2-digit Additional Code

Scan the following Parameter Barcode to set whether UPC-E can read the 2-digit additional code.

 * Disable	 Enable
--	--

UPC-E Reads 5-digit Additional Code

Scan the following Parameter Barcode to set whether UPC-E can read the 5-digit additional code.

 * Disable	 Enable
---	---

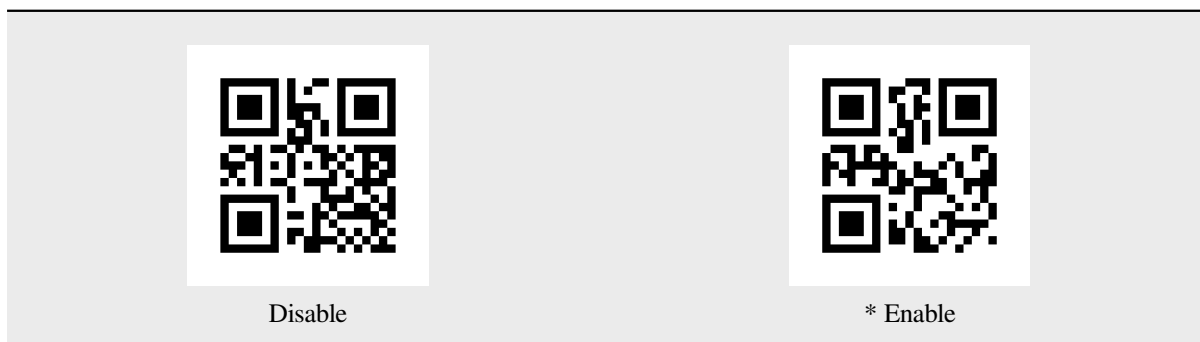
Read Only With Add-on Code UPC-E

Scan the following Parameter Barcode to set whether to read only UPC-E with additional code.

 * Disable	 Enable
--	--

Transmission system character “0”

Scan the following Parameter Barcode to set whether UPC-E transmits the system character “0” .



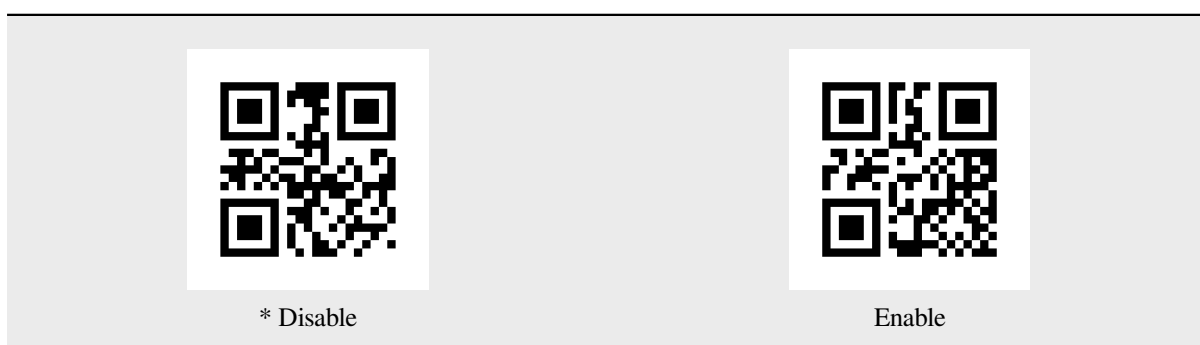
UPC-E To UPC-A

Scan the following Parameter Barcode to set whether to convert UPC-E to UPC-A.



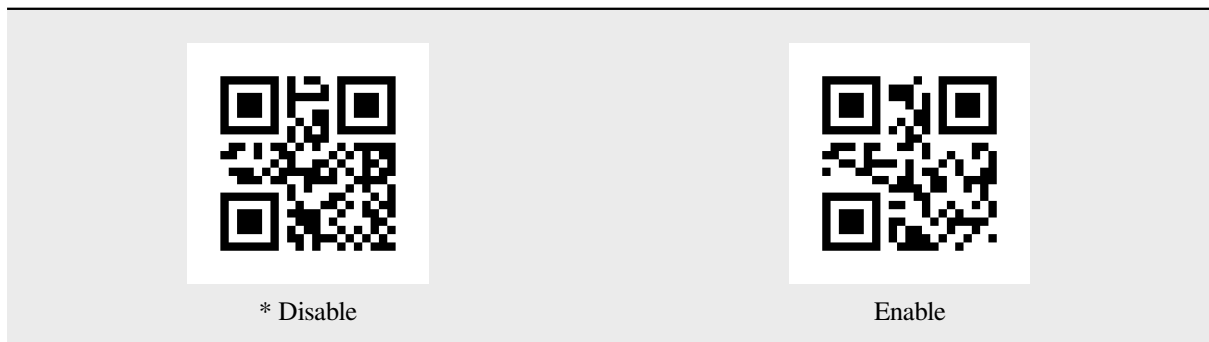
UPC-E1 Switch

Scan the following Parameter Barcode to set whether to read UPC-E1.



Transmit national character “0”

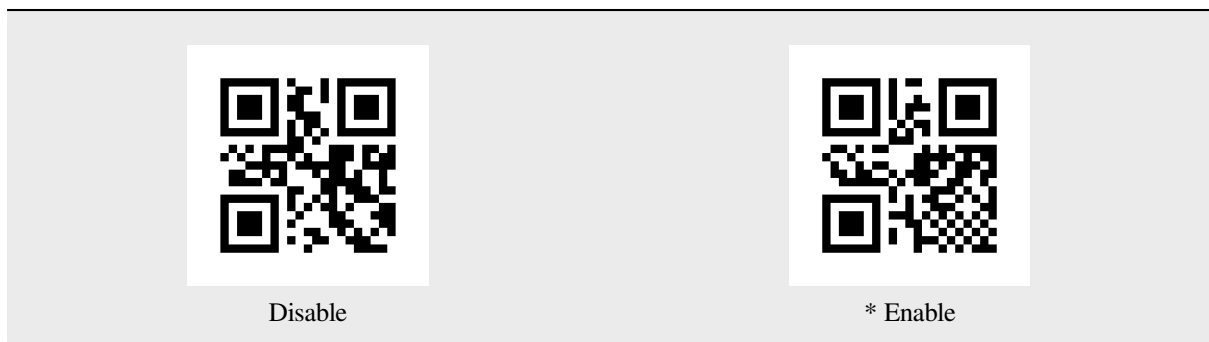
Scan the following Parameter Barcode to set whether UPC-E transmits the national character “0” .



UPC-A

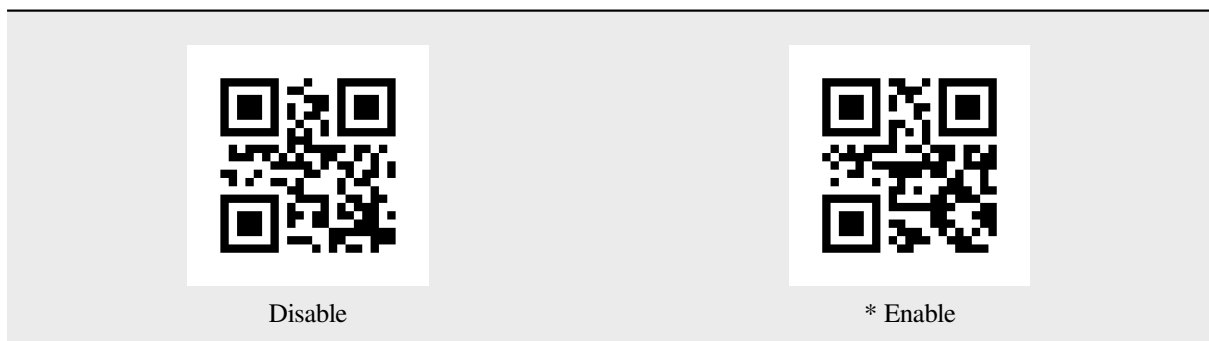
UPC-A Switch

Scan the following Parameter Barcode to enable/disable reading of UPC-A barcodes.



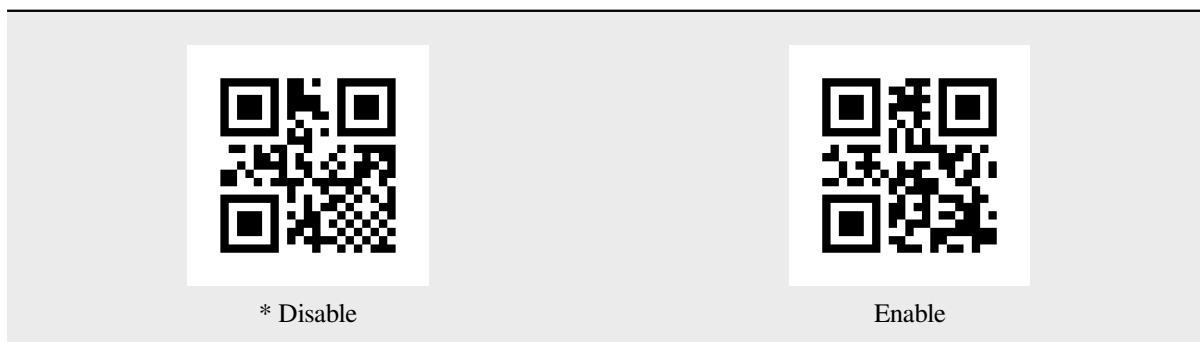
UPC-A Check Digit Transmission

Scan the following Parameter Barcode to set whether UPC-A transmits the check digit.



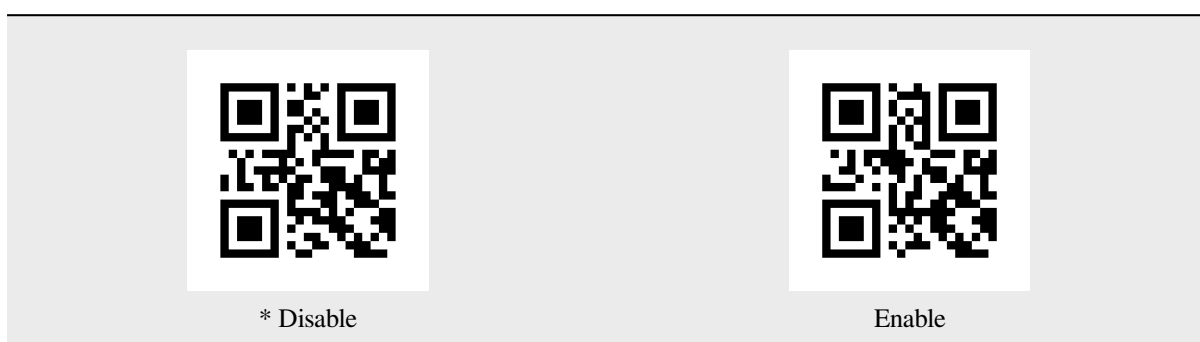
UPC-A Reads 2-digit Additional Code

Scan the following Parameter Barcode to set whether UPC-A can read the 2-digit additional code.



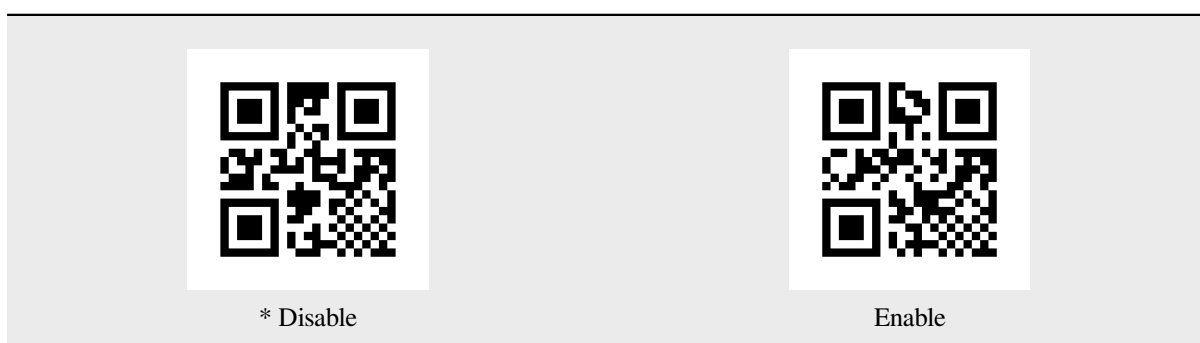
UPC-A Reads 5-digit Additional Code

Scan the following Parameter Barcode to set whether UPC-A can read the 5-digit additional code.



Read Only With Add-on Code UPC-A

Scan the following Parameter Barcode to set whether to read only UPC-A with additional code.



Transmission system character “0”

Scan the following Parameter Barcode to set whether UPC-A transmits system characters.

	
Disable	* Enable

Transmit national character “0”

Scan the following Parameter Barcode to set whether UPC-E transmits the national character “0” .
(Whether UPC-A will be converted to EAN-13 will be set)

	
* Disable	Enable

ITF25

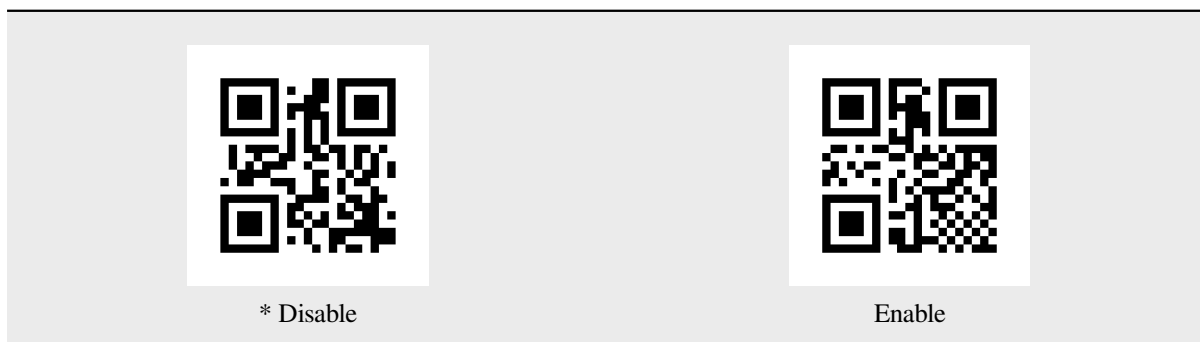
ITF25 Switch

Scan the following Parameter Barcode to enable/disable reading of ITF25 barcodes.

	
Disable	* Enable

ITF25 Check Digit Verification

Scan the following Parameter Barcode to set whether the ITF25 check digit is verified.

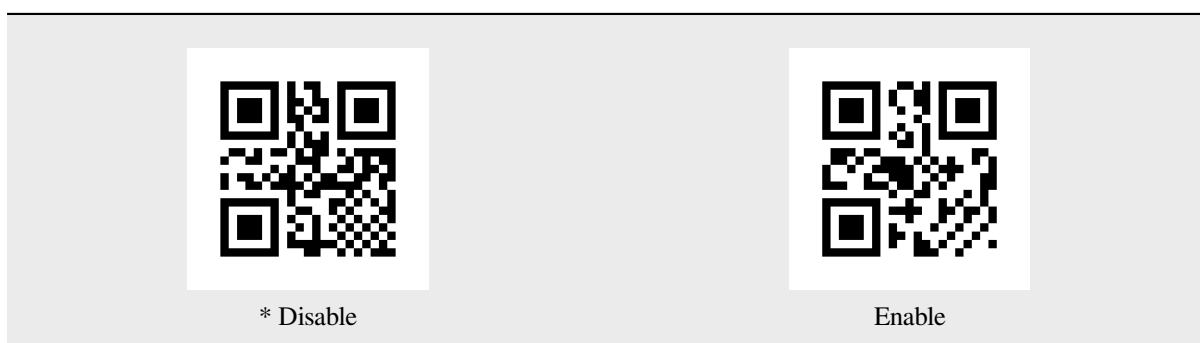


ITF25 Check Digit Transmission

Scan the following Parameter Barcode to set whether the ITF25 check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



ITF25 Minimum Length

There are two methods for setting the minimum length of ITF25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

ITF25 minimum length Parameter Barcode content format: >!0000B3XX.

xx

Set variable, decimal range 0–255.

Example

- The minimum length of ITF25 is set to 2, then the Parameter Barcode content is: >!0000B32.
- The minimum length of ITF25 is set to 12, then the Parameter Barcode content is: >!0000B312.

Method 2: Scan the manual Parameter Barcode

Scan the “ITF25 minimum length” Parameter Barcode



ITF25 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

ITF25 Maximum Length

There are two methods for setting the maximum length of ITF25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

ITF25 maximum length Parameter Barcode content format: >!0000B4XX.

xx

Set variable, decimal range 0–255.

Example

- The maximum length of ITF25 is set to 9, then the Parameter Barcode content is: >!0000B49.
- The maximum length of ITF25 is set to 20, then the Parameter Barcode content is: >!0000B420.

Method 2: Scan the manual Parameter Barcode

Scan the “ITF25 maximum length” Parameter Barcode



ITF25 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Brazilian Government/Bank Code



* Disable

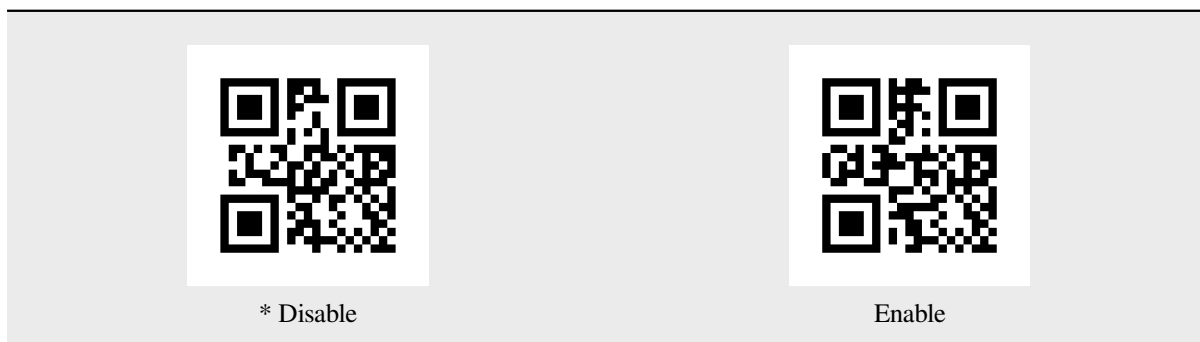


Enable

NEC25/COOP25

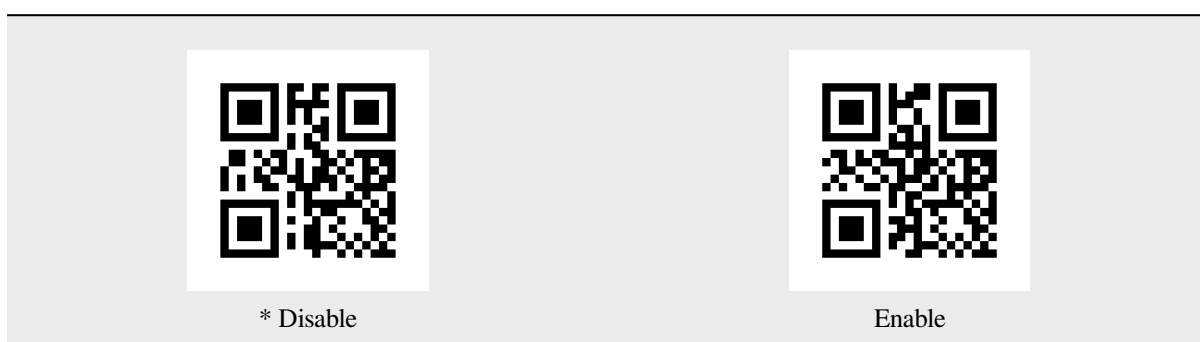
NEC25 Switch

Scan the following Parameter Barcode to enable/disable NEC25 barcode reading.



NEC25 Check Digit Verification

Scan the following Parameter Barcode to set whether the NEC25 check digit is verified.

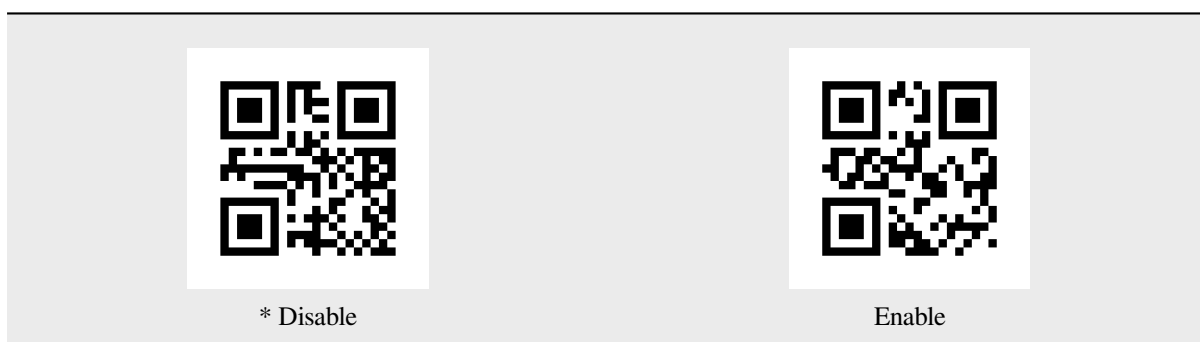


NEC25 Check Digit Transmission

Scan the following Parameter Barcode to set whether the NEC25 check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



NEC25 Minimum Length

There are two methods for setting the minimum length of NEC25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

NEC25 minimum length Parameter Barcode content format: >!000103XX.

XX

Set variable, decimal range 0–255.

Example

- The minimum length of NEC25 is set to 2, then the Parameter Barcode content is: >!0001032.
- The minimum length of NEC25 is set to 12, then the Parameter Barcode content is: >!00010312.

Method 2: Scan the manual Parameter Barcode

Scan the “NEC25 minimum length” Parameter Barcode



NEC25 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

NEC25 Maximum Length

There are two methods for setting the maximum length of NEC25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

NEC25 maximum length Parameter Barcode content format: >!000104XX.

xx

Set variable, decimal range 0–255.

Example

- The maximum length of NEC25 is set to 9, then the Parameter Barcode content is: >!0001049.
- The maximum length of NEC25 is set to 20, then the Parameter Barcode content is: >!00010420.

Method 2: Scan the manual Parameter Barcode

Scan the “NEC25 maximum length” Parameter Barcode



NEC25 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.

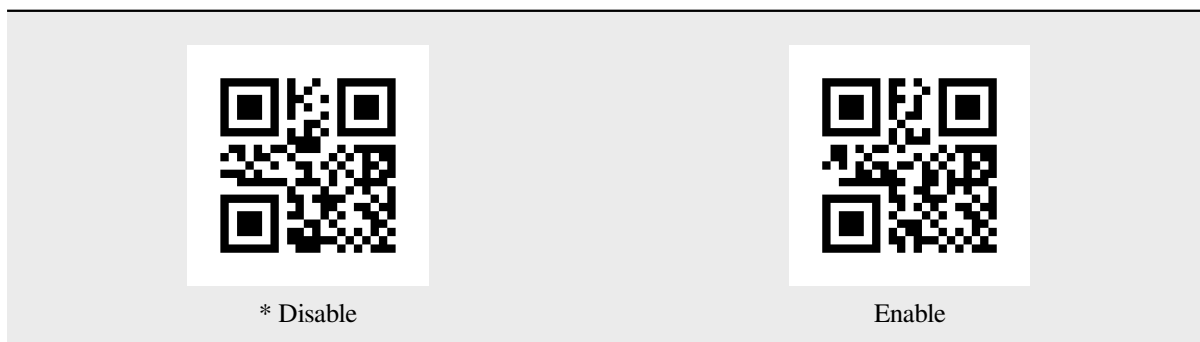


Sure

MATRIX25

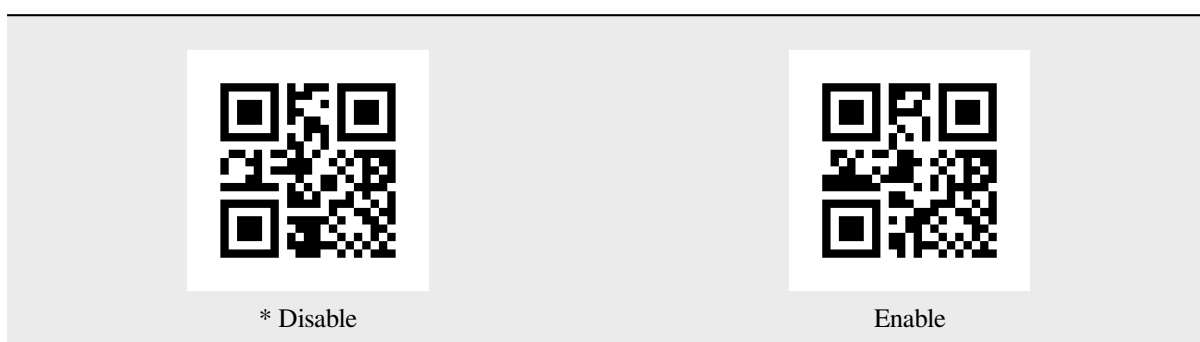
MATRIX25 Switch

Scan the following Parameter Barcode to enable/disable MATRIX25 barcode reading.



MATRIX25 Check Digit Verification

Scan the following Parameter Barcode to set whether the MATRIX25 check digit is verified.

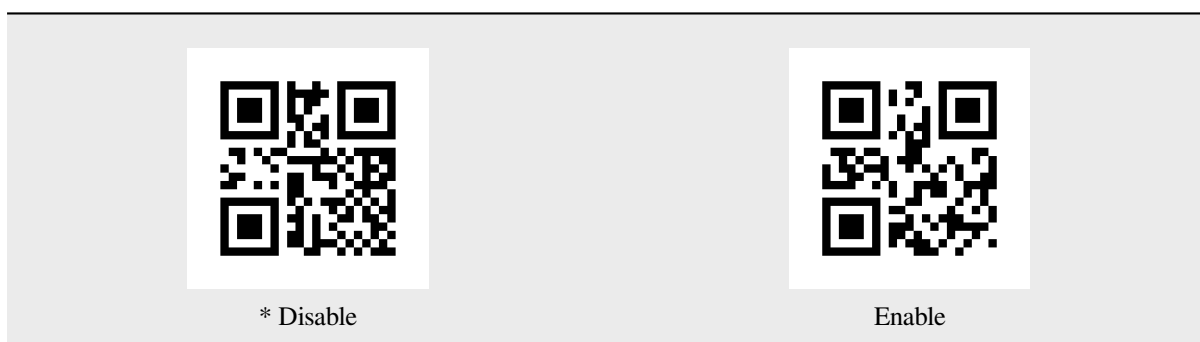


MATRIX25 Check Digit Transmission

Scan the following Parameter Barcode to set whether the MATRIX25 check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



MATRIX25 Minimum Length

There are two methods for setting the minimum length of MATRIX25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

MATRIX25 minimum length Parameter Barcode content format: >!000113XX.

xx

Set variable, decimal range 0–255.

Example

- The minimum length of MATRIX25 is set to 2, then the Parameter Barcode content is: >!0001132.
- The minimum length of MATRIX25 is set to 12, then the Parameter Barcode content is: >!00011312.

Method 2: Scan the manual Parameter Barcode

Scan the “MATRIX25 minimum length” Parameter Barcode



MATRIX25 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

MATRIX25 Maximum Length

There are two methods for setting the maximum length of MATRIX25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

MATRIX25 maximum length Parameter Barcode content format: >!000114XX.

xx

Set variable, decimal range 0–255.

Example

- The maximum length of MATRIX25 is set to 9, then the Parameter Barcode content is: >!0001149.
- The maximum length of MATRIX25 is set to 20, then the Parameter Barcode content is: >!00011420.

Method 2: Scan the manual Parameter Barcode

Scan the “MATRIX25 maximum length” Parameter Barcode



MATRIX25 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.

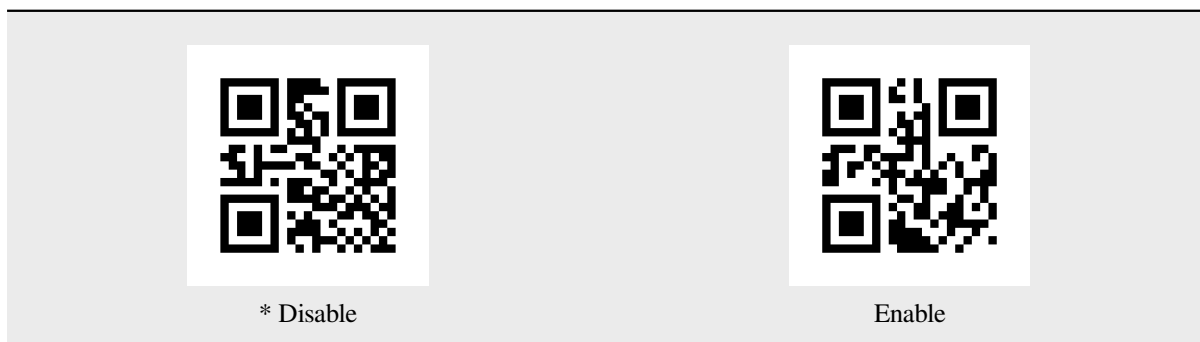


Sure

IND25

IND25 Switch

Scan the following Parameter Barcode to enable/disable reading of IND25 barcodes.



IND25 Minimum Length

There are two methods for setting the minimum length of IND25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

IND25 minimum length Parameter Barcode content format: >!000123XX.

xx

Set variable, decimal range 0–255.

Example

- The minimum length of IND25 is set to 2, then the Parameter Barcode content is: >!0001232.
- The minimum length of IND25 is set to 12, then the Parameter Barcode content is: >!00012312.

Method 2: Scan the manual Parameter Barcode

Scan the “IND25 minimum length” Parameter Barcode



IND25 Minimum Length

Scan the “Numeric Barcode”.

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

IND25 Maximum Length

There are two methods for setting the maximum length of IND25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

IND25 maximum length Parameter Barcode content format: >!000124XX.

xx

Set variable, decimal range 0–255.

Example

- The maximum length of IND25 is set to 9, then the Parameter Barcode content is: >!0001249.
- The maximum length of IND25 is set to 20, then the Parameter Barcode content is: >!00012420.

Method 2: Scan the manual Parameter Barcode

Scan the “IND25 maximum length” Parameter Barcode



IND25 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.

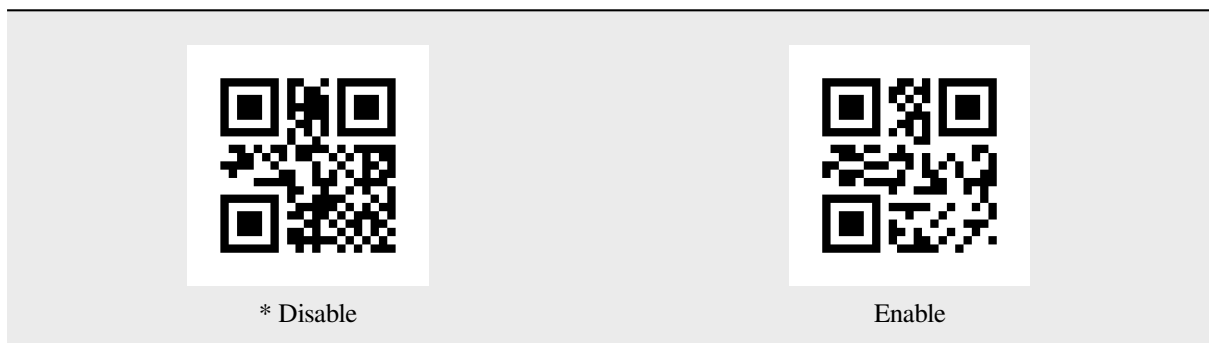


Sure

STD25

STD25 Switch

Scan the following Parameter Barcode to enable/disable STD25 barcode reading.



STD25 Minimum Length

There are two methods for setting the minimum length of STD25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

STD25 minimum length Parameter Barcode content format: >!000133XX.

XX

Set variable, decimal range 0-255.

Example

- The minimum length of STD25 is set to 2, then the Parameter Barcode content is: >!0001332.
- The minimum length of STD25 is set to 12, then the Parameter Barcode content is: >!00013312.

Method 2: Scan the manual Parameter Barcode

Scan the “STD25 minimum length” Parameter Barcode



STD25 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

STD25 Maximum Length

There are two methods for setting the maximum length of STD25. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

STD25 maximum length Parameter Barcode content format: >!000134XX.

xx

Set variable, decimal range 0–255.

i Example

- The maximum length of STD25 is set to 9, then the Parameter Barcode content is: >!0001349.
- The maximum length of STD25 is set to 20, then the Parameter Barcode content is: >!00013420.

Method 2: Scan the manual Parameter Barcode

Scan the “STD25 maximum length” Parameter Barcode



STD25 Maximum Length

Scan the “Numeric Barcode” .

i Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 39

Code 39 Switch

Scan the following Parameter Barcode to enable/disable reading of Code 39 barcodes.



Disable



* Enable

Code 39 check digit verification

Scan the following Parameter Barcode to set whether the Code 39 check digit is verified.



* Disable



Enable

Code 39 Check Digit Transmission

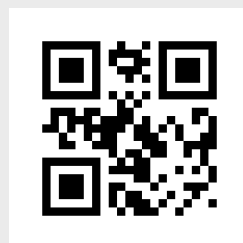
Scan the following Parameter Barcode to set whether the Code 39 check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



* Disable



Enable

Code 39 Start/Stop Character Transmission

Scan the following Parameter Barcode to set whether the Code 39 start/stop character is transmitted.



* Disable



Enable

Code 39 FULL ASCII Switch

Scan the following Parameter Barcode to enable/disable reading of Code 39 FULL ASCII barcodes.



* Disable



Enable

Code 39 Minimum Length

There are two methods for setting the minimum length of Code 39. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 39 minimum length Parameter Barcode content format: >!000145XX.

XX

Set variable, decimal range 0–255.

Example

- Code 39 minimum length is set to 2, then the Parameter Barcode content is: >!0001452.
- The minimum length of Code 39 is set to 12, then the Parameter Barcode content is: >!00014512.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 39 Minimum Length” Parameter Barcode



Code 39 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 39 Maximum Length

There are two methods for setting the maximum length of Code 39. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 39 Maximum length Parameter Barcode content format: >!000146XX.

XX

Set variable, decimal range 0–255.

Example

- The maximum length of Code 39 is set to 9, then the Parameter Barcode content is: >!0001469.
- The maximum length of Code 39 is set to 20, then the Parameter Barcode content is: >!00014620.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 39 Maximum Length” Parameter Barcode



Code 39 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

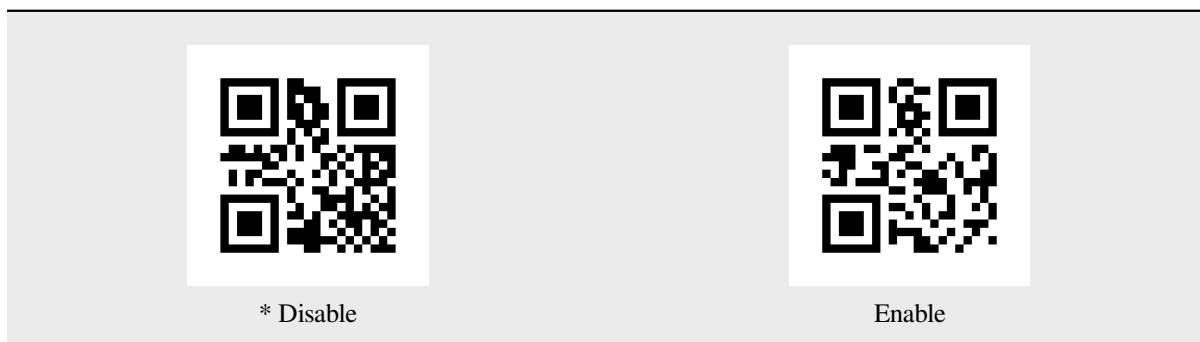
Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 32 Switch

Scan the following Parameter Barcode to enable/disable the setting of Code 39 to Code 32



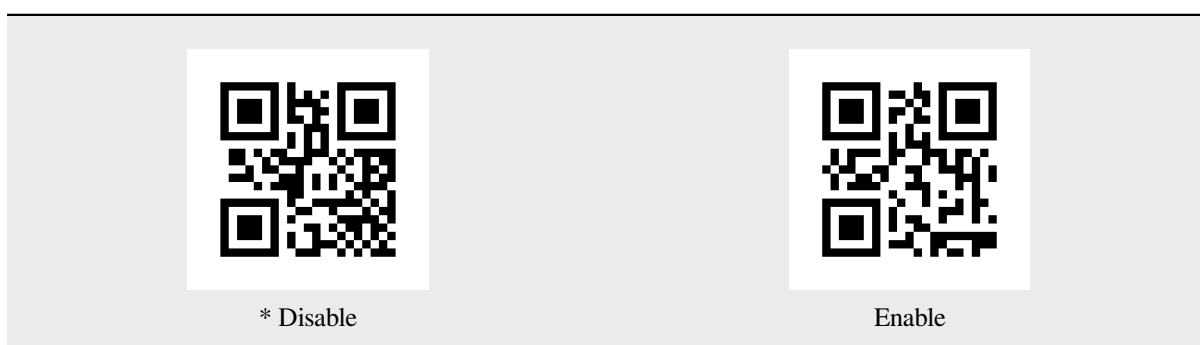
Code 32 prefix

Scan the following Parameter Barcode to set whether the Code 32 prefix is transmitted.



Code 32 Check Digit Verification

Scan the following Parameter Barcode to set whether the Code 32 check digit is verified.



Code 32 Check Digit Transmission

Scan the following Parameter Barcode to set whether the Code 32 check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



* Disable



Enable

Codabar

Codabar Switch

Scan the following Parameter Barcode to enable/disable Codabar barcode reading.



* Disable



Enable

Codabar Check Digit Verification

Scan the following Parameter Barcode to set whether the Codabar check digit is verified.



* Disable



Enable

Codabar Check Digit Transmission

Scan the following Parameter Barcode to set whether the Codabar check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



* Disable



Enable

Codabar Start/Stop Character Transmission

Scan the following Parameter Barcode to set whether the Codabar start/stop character is transmitted.



Disable



* Enable

Codabar Start/Stop Character Format

Scan the following Parameter Barcode to set the Codabar start/stop character format.



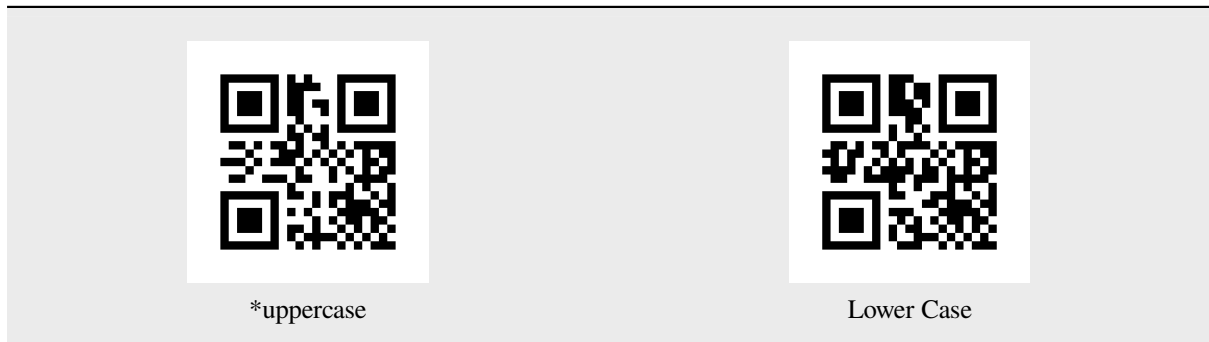
* Ordinary ABCD Format



ABCD/TN*E Format

Codabar Start/Stop Character Case

Scan the following Parameter Barcode to set whether the Codabar start/stop character is uppercase or lowercase.



Codabar Minimum Length

There are two methods for setting the minimum length of Codabar. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Codabar minimum length Parameter Barcode content format: >!000156XX.

XX

Set variable, decimal range 0–255.

Example

- The minimum length of Codabar is set to 2, then the Parameter Barcode content is: >!0001562.
- The minimum length of Codabar is set to 12, then the Parameter Barcode content is: >!00015612.

Method 2: Scan the manual Parameter Barcode

Scan the “Codabar Minimum Length” Parameter Barcode



Codabar Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Codabar Maximum Length

There are two methods for setting the maximum length of Codabar. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Codabar maximum length Parameter Barcode content format: >!000157XX.

XX

Set variable, decimal range 0–255.

Example

- The maximum length of Codabar is set to 9, then the Parameter Barcode content is: >!0001579.
- The maximum length of Codabar is set to 20, then the Parameter Barcode content is: >!00015720.

Method 2: Scan the manual Parameter Barcode

Scan the “Codabar Maximum Length” Parameter Barcode



Codabar Maximum Length

Scan the “Numeric Barcode” .

i Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 93

Code 93 Switch

Scan the following Parameter Barcode to enable/disable reading of Code 93 barcodes.



Disable



* Enable

Code 93 Minimum Length

There are two methods for setting the minimum length of Code 93. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 93 minimum length Parameter Barcode content format: >!000163XX.

xx

Set variable, decimal range 0–255.

i Example

- Code 93 minimum length is set to 2, then the Parameter Barcode content is: >!0001632.
- The minimum length of Code 93 is set to 12, then the Parameter Barcode content is: >!00016312.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 93 Minimum Length” Parameter Barcode



Code 93 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 93 Maximum Length

There are two methods for setting the maximum length of Code 93. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 93 maximum length Parameter Barcode content format: >!000164XX.

XX

Set variable, decimal range 0–255.

Example

- The maximum length of Code 93 is set to 9, then the Parameter Barcode content is: >!0001649.
- The maximum length of Code 93 is set to 20, then the Parameter Barcode content is: >!00016420.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 93 Maximum Length” Parameter Barcode



Code 93 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 11

Code 11 Switch

Scan the following Parameter Barcode to enable/disable reading of Code 11 barcodes.



* Disable



Enable

Code 11 Check Digit Verification

Scan the following Parameter Barcode to set whether the Code 11 check digit is verified.

	
* No Verification	One Check Digit
	
Two Check Digits	

Code 11 Check Digit Transmission

Scan the following Parameter Barcode to set whether the Code 11 check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.

	
* Disable	Enable

Code 11 Minimum Length

There are two methods for setting the minimum length of Code 11. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 11 minimum length Parameter Barcode content format: >!000173XX.

XX

Set variable, decimal range 0–255.

Example

- The minimum length of Code 11 is set to 2, then the Parameter Barcode content is: >!0001732.
- The minimum length of Code 11 is set to 12, then the Parameter Barcode content is: >!00017312.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 11 Minimum Length” Parameter Barcode



Code 11 Minimum Length

Scan the “Numeric Barcode” .

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

Code 11 Maximum Length

There are two methods for setting the maximum length of Code 11. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

Code 11 maximum length Parameter Barcode content format: >!000174XX.

XX

Set variable, decimal range 0–255.

Example

- The maximum length of Code 11 is set to 9, then the Parameter Barcode content is: >!0001749.
- The maximum length of Code 11 is set to 20, then the Parameter Barcode content is: >!00017420.

Method 2: Scan the manual Parameter Barcode

Scan the “Code 11 Maximum Length” Parameter Barcode



Code 11 Maximum Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.

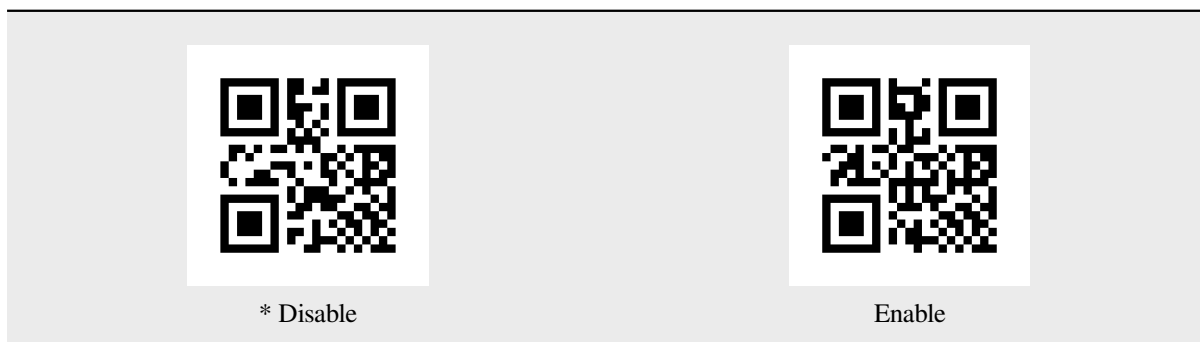


Sure

MSI Plessey

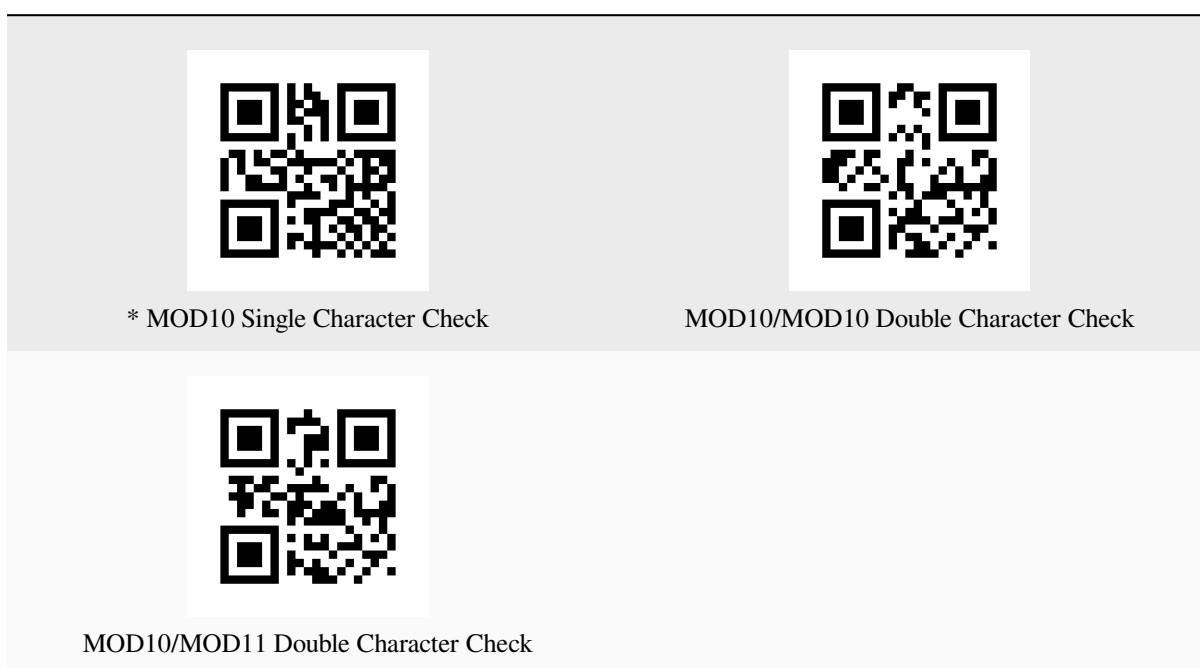
MSI Plessey Switch

Scan the following Parameter Barcode to enable/disable MSI Plessey barcode reading.



MSI Plessey Check Digit Verification

Scan the following Parameter Barcode to set whether the MSI Plessey check digit is verified.



MSI Plessey Check Digit Transmission

Scan the following Parameter Barcode to set whether the MSI Plessey check digit is transmitted.

Note

To enable transmission check digit, please enable the check digit verification function first.



* Disable



Enable

MSI Plessey Minimum Length

There are two methods for setting the minimum length of MSI Plessey. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

MSI Plessey minimum length Parameter Barcode content format: >!000193XX.

xx

Set variable, decimal range 0–255.

Example

- The minimum length of MSI Plessey is set to 2, then the Parameter Barcode content is: >!0001932.
- The minimum length of MSI Plessey is set to 12, then the Parameter Barcode content is: >!00019312.

Method 2: Scan the manual Parameter Barcode

Scan the “MSI Plessey Minimum Length” Parameter Barcode



MSI Plessey Minimum Length

Scan the “Numeric Barcode”.

Example

- Minimum length 2 digits, scan 2.
- Minimum length 12 digits, scan 1, 2.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

MSI Plessey Max Length

There are two methods for setting the maximum length of MSI Plessey. Method 1 requires the user to generate a QR code and is more flexible when configuring multiple values. Method 2 uses the Parameter Barcodes in this manual; scan them in the specified sequence.

Method 1: Generate Parameter Barcode

MSI Plessey maximum length Parameter Barcode content format: >!000194XX.

xx

Set variable, decimal range 0–255.

Example

- The maximum length of MSI Plessey is set to 9, then the Parameter Barcode content is: >!0001949.
- The maximum length of MSI Plessey is set to 20, then the Parameter Barcode content is: >!00019420.

Method 2: Scan the manual Parameter Barcode

Scan the “MSI Plessey Maximum Length” Parameter Barcode



MSI Plessey Max Length

Scan the “Numeric Barcode” .

Example

- The maximum length is 9 digits, scan 9.
- The maximum length is 20 digits, scan 2, 0.

Scan the “OK” Parameter Barcode to complete the setup.



Sure

GS1 DataBar/RSS

Scan the following Parameter Barcode to enable/disable reading of GS1 DataBar barcodes.



* Disable



Enable

Composite Code

Scan the following Parameter Barcode to enable/disable reading of Composite Code barcodes.

Note

To enable Composite Code, please enable a separate corresponding code first.



* Disable



Enable

TELEPEN

Scan the following Parameter Barcode to enable/disable TELEPEN barcode reading.

	
* Disable	Enable

TRIOPTIC

Scan the following Parameter Barcode to enable/disable TRIOPTIC barcode reading.

	
* Disable	Enable

HONG KONG 2 OF 5/CHINA POST

Scan the following Parameter Barcode to enable/disable reading of the HONG KONG 2 of 5 barcode.

	
* Disable	Enable

Korea Post/Korea Post

Scan the following Parameter Barcode to enable/disable reading of KOREA POST/Korea Post barcodes.
The barcode length must be 6 bytes.



* Disable



Enable

KOREA POST Check Digit Transmission

Scan the following Parameter Barcode to set whether the KOREA POST check digit is transmitted.



* Disable



Enable

KOREA POST Data Reversed



* Disable

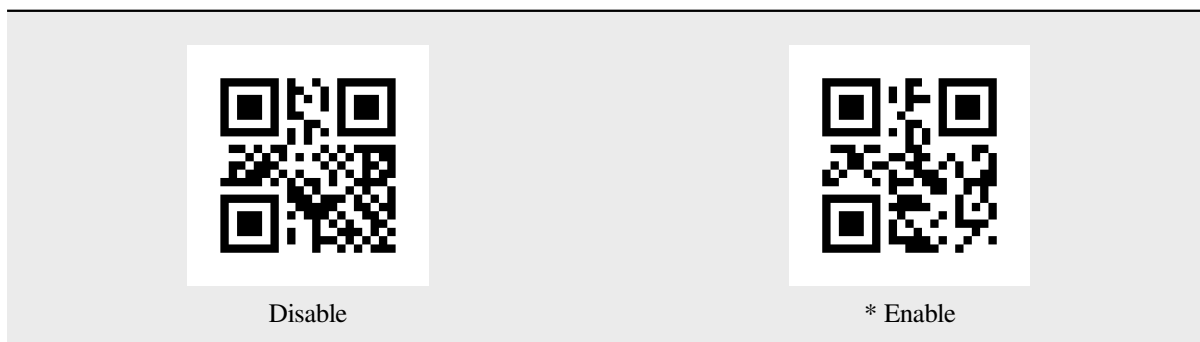


Enable

PDF417

PDF417 Switch

Scan the following Parameter Barcode to enable/disable reading of PDF417 barcodes.



PDF417 Inverse Reading

Scan the following Parameter Barcode to configure PDF417 inverse reading.



QR Code

QR Switch

Scan the following Parameter Barcode to enable/disable reading of QR barcodes.



QR Code inverse reading

Scan the following Parameter Barcode to configure QR Code inverse reading.

 * Read Only Positive Colors	 Read Inverse Barcodes Only
--	--

 Read Normal and Inverse Barcodes

QR Code Mirror Reading

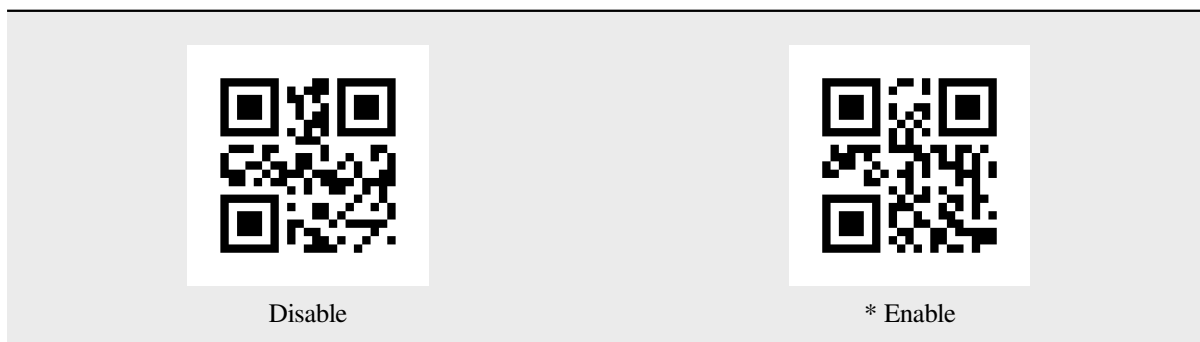
Scan the following Parameter Barcode to set whether the image QR Code can be read.

 Disable	 * Enable
--	--

Data Matrix (DM)

Data Matrix Switch

Scan the following Parameter Barcode to enable/disable reading of Data Matrix barcodes.



Data Matrix inverse reading

Scan the following Parameter Barcode to configure Data Matrix inverse reading.

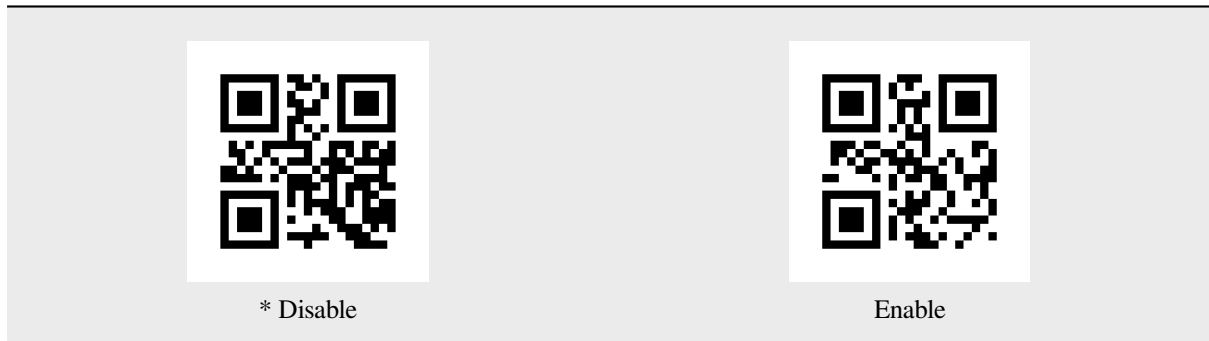


Data Matrix Image Reading

Scan the following Parameter Barcode to set whether the image Data Matrix code can be read.

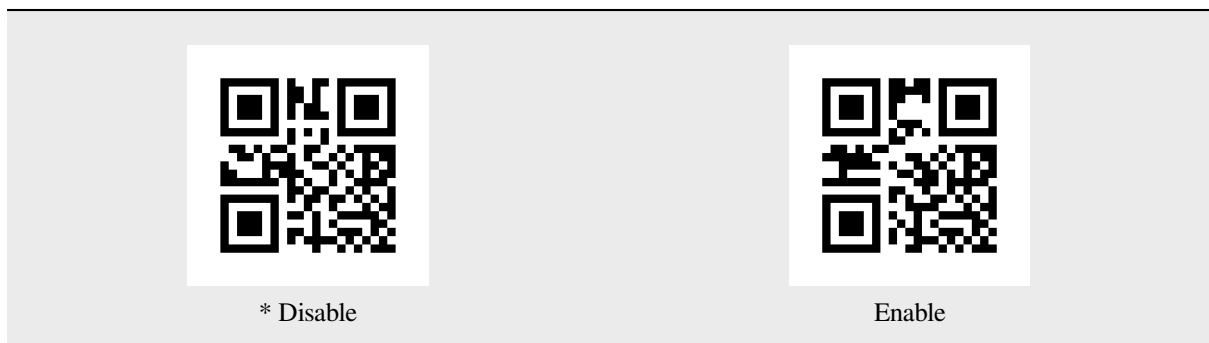


DM ECI Control



Aztec Code

Scan the following Parameter Barcode to enable/disable reading of AZTEC CODE barcodes.



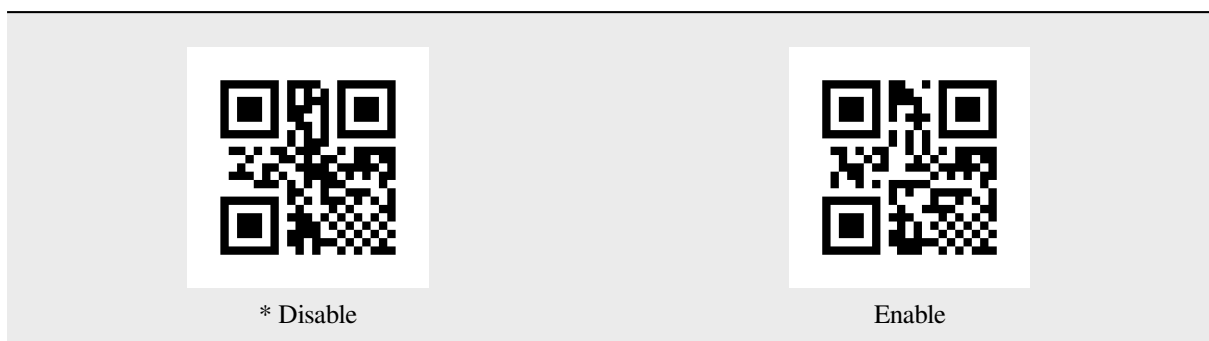
M Series - Symbology Enable/Disable Configuration

M series products support all symbologies of the L series and add the symbologies listed in this chapter based on the L series.

Pharmacode One-Track

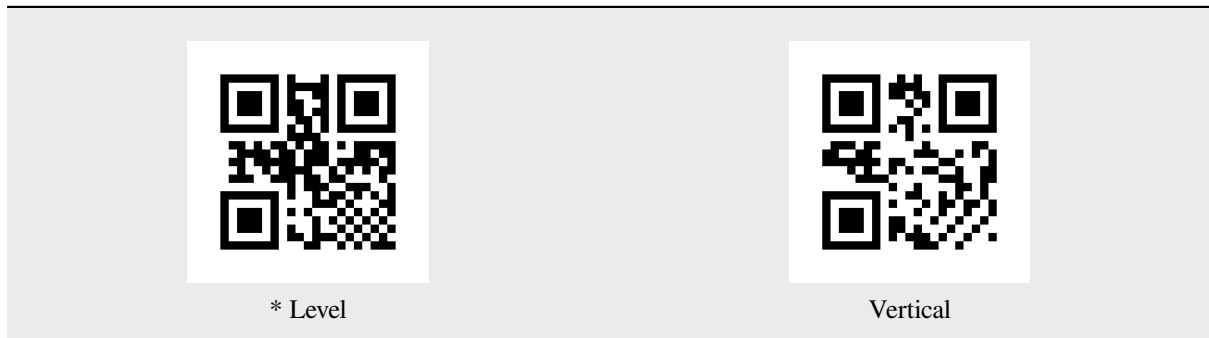
PHARMACODE ONE-TRACK Switch

Scan the following Parameter Barcode to enable/disable reading of PHARMACODE ONE-TRACK barcodes.



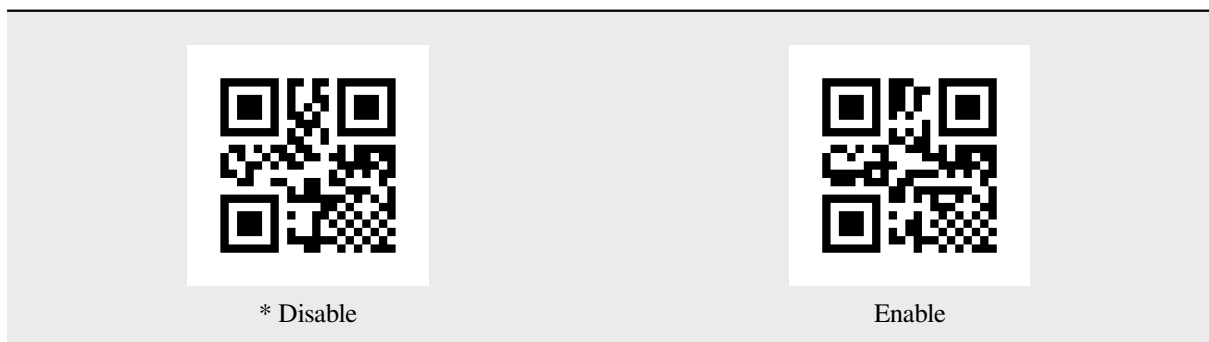
PHARMACODE ONE-TRACK Barcode Direction

Scan the following Parameter Barcode to set the horizontal/vertical direction of the PHARMACODE ONE-TRACK barcode.



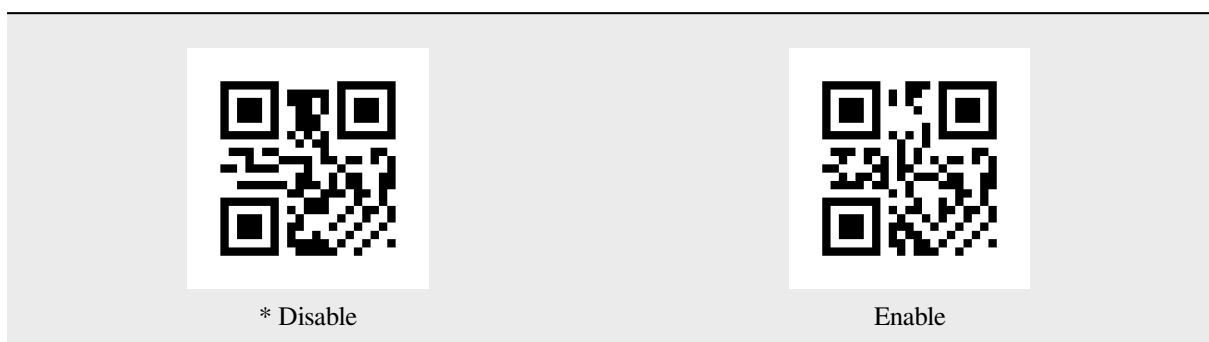
PHARMACODE ONE-TRACK Data Reversed

Scan the following Parameter Barcode to enable/disable inversion of PHARMACODE ONE-TRACK barcode data.



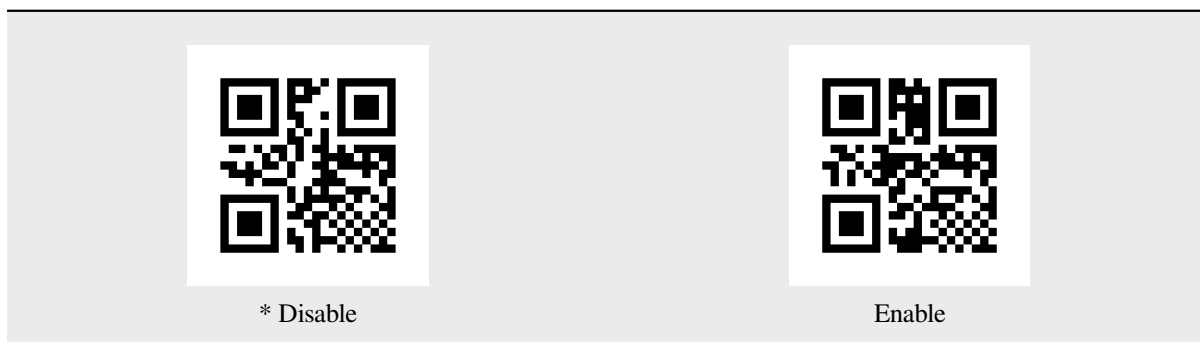
Codablock A

Scan the following Parameter Barcode to enable/disable CODABLOCK A barcode reading.



Codablock F

Scan the following Parameter Barcode to enable/disable CODABLOCK F barcode reading.



MaxiCode

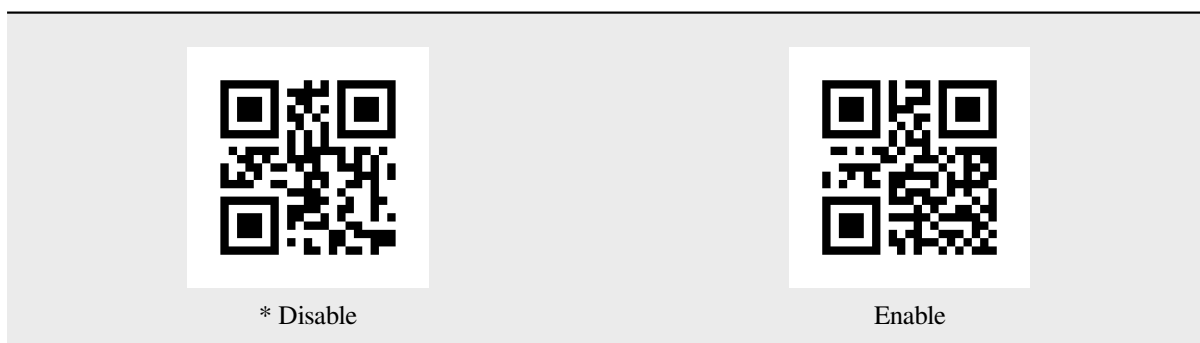
Scan the following Parameter Barcode to enable/disable reading of MaxiCode barcodes.



Han Xin

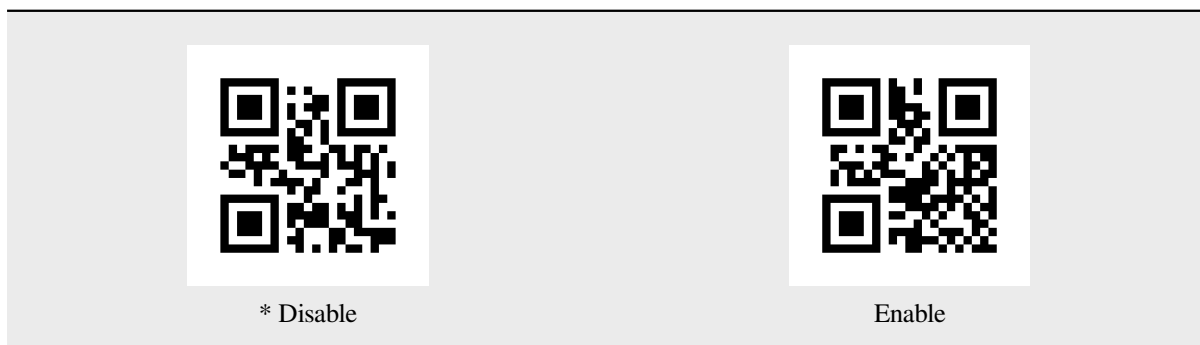
HAN XIN Switch

Scan the following Parameter Barcode to enable/disable reading of HAN XIN barcodes.



HAN XIN Code ECI Control

Scan the following Parameter Barcode to set whether the HAN XIN code outputs ECI.



DotCode

Scan the following Parameter Barcode to enable/disable reading of DOTCODE barcodes.



H Series - Symbology Enable/Disable Configuration

H series products support all symbologies of the M series and add the symbologies listed in this chapter based on the M series.

Postal Code

POSTAL CODE Switch

Scan the following Parameter Barcode to enable/disable POSTAL CODE reading.

Note

Only One Postal Code Can Be Enabled At A Time By Default



* Disable



Australian



British、 Royal Mail(RM4CSS)



Intelligent Mail Bar



Japanese Post



KIX Post



Planet Code



USPS Postnet



Postal-4i/UPU FICS/UPU4-State

Planet Code Check Digit Transmission

Scan the following Parameter Barcode to enable/disable transmission of the Planet code check digit.



Disable



* Enable

USPS Postnet Check Digit Transmission

Scan the following Parameter Barcode to set the USPS Postnet check digit to enable/disable transmission.



Disable



* Enable

GM

Scan the following Parameter Barcode to enable/disable GM barcode reading.



* Disable



Enable

OCR

OCR Switch

Scan the following Parameter Barcode to enable/disable OCR character reading.

Note

Only Supports Chinese ID Card Recognition



* Disable



Enable

China ID Card Verification

Scan the following Parameter Barcode to enable/disable ID card verification.



* Disable



Enable

7 Appendix

7.1 Numeric Barcode

The appendix contains numbers 0-9; letters A-F; cancel; confirm Parameter Barcodes.



0



1



2



3



4



5



6



7



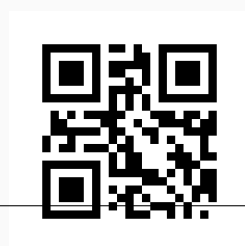
8



9



A



B

7.2 Code ID

Code Character	Barcode Types
C	Code 128/UCC/EAN-128/GS1-128
F	Code 39/Code 32
J	Code 11
B	Codabar
K	Code 93
E	EAN-13/EAN-8/ISBN/ISSN
U	UPC-A/UPC-E
I	ITF25
D	IND25
S	STD25
M	MATRIX25
N	NEC25/COOP25
P	MSI Plessey
T	TELEPEN
A	Pharmacode One-Track
W	TRIOPTIC
H	HONG KONG 2 of 5/CHINA POST
R	GS1 DataBar/RSS
q	QR Code/Micro QR
p	PDF417/MicroPDF417
d	Data Matrix (DM)
a	Aztec Code
h	Han Xin
m	MaxiCode
t	DotCode
g	GM
o	OCR
k	Codablock A
f	Codablock F
n	Postal Code
V	Korea Post

7.3 AIM ID

Barcode Types	AIM ID	Description
Code 128/UCC/EAN-128/GS1-128	]Cm	0,1,2,4
Code 39	]Am	0,1,3,4,5,7
Code 32	]X0	
Code 11	]Hm	0,1,3
Codabar	]Fm	0-1
Code 93	]Gm	0-9,A-Z,a-m
EAN-13	]E0	
EAN-8	]E4	

continues on next page

Table 2 – continued from previous page

Barcode Types	AIM ID	Description
ISSN		
ISBN	]E0	
UPC-A	]E0	
UPC-E	]E0	
UPC-E1	]E1	
ITF25	]Im	0,1,3
IND25	]S0	
STD25	]Rm	0,1,3
MATRIX25	]X0	
NEC25/COOP25	]X0	
MSI Plessey	]Mm	0,1
TELEPEN	]Bm	
Pharmacode One-Track		
TRIOPTIC		
QR Code	]Qm	0-6
Micro QR	]Qm	
PDF417	]Lm	0-2
MicroPDF417	]Lm	3,4,5
Data Matrix (DM)	]dm	0-6
Aztec Code	]zm	0-9,A-C
Han Xin	]X0	
MaxiCode	]Um	0-3
DotCode	]X0	
GM	]X0	
Codablock A	]O6	0,1,4,5,6
Codablock F	]Om	0,1,4,5,6
GS1 DataBar/RSS	]e0	
Korea Post	]X0	

7.4 ASCII Code Comparison Table

Hexadecimal	Keyboard Function Key Operations	Keyboard CTRL Key Combination Operation
00h	Null	CTRL 2
01h	Keypad Enter	CTRL A
02h	Caps lock	CTRL B
03h	Right Arrow	CTRL C
04h	Up Arrow	CTRL D
05h	Null	CTRL E
06h	Null	CTRL F
07h	Enter	CTRL G
08h	Left Arrow	CTRL H
09h	Horizontal Tab	CTRL I
0Ah	Down Arrow	CTRL J
0Bh	Vertical Tab	CTRL K
0Ch	Backspace	CTRL L

continues on next page

Table 3 – continued from previous page

Hexadecimal	Keyboard Function Key Operations	Keyboard CTRL Key Combination Operation
0Dh	Enter	CTRL M
0Eh	Insert	CTRL N
0Fh	Esc	CTRL O
10h	F11	CTRL P
11h	Home	CTRL Q
12h	Print Screen	CTRL R
13h	Delete	CTRL S
14h	tab+shift	CTRL T
15h	F12	CTRL U
16h	F1	CTRL V
17h	F2	CTRL W
18h	F3	CTRL X
19h	F4	CTRL Y
1Ah	F5	CTRL Z
1Bh	F6	CTRL [
1Ch	F7	CTRL \
1Dh	F8	CTRL]
1Eh	F9	CTRL 6
1Fh	F10	CTRL -
20h	Space	
21h	!	
22h	“	
23h	#	
24h	\$	
25h	%	
26h	&	
27h	‘	
28h	(	
29h	)	
2Ah	*	
2Bh	+	
2Ch	,	
2Dh	-	
2Eh	.	
2Fh	/	
30h	0	
31h	1	
32h	2	
33h	3	
34h	4	
35h	5	
36h	6	
37h	7	
38h	8	
39h	9	
3Ah	:	
3Bh	;	

continues on next page

Table 3 – continued from previous page

Hexadecimal	Keyboard Function Key Operations	Keyboard CTRL Key Combination Operation
3Ch	<	
3Dh	=	
3Eh	>	
3Fh	?	
40h	@	
41h	A	
42h	B	
43h	C	
44h	D	
45h	E	
46h	F	
47h	G	
48h	H	
49h	I	
4Ah	J	
4Bh	K	
4Ch	L	
4Dh	M	
4Eh	N	
4Fh	O	
50h	P	
51h	Q	
52h	R	
53h	S	
54h	T	
55h	U	
56h	V	
57h	W	
58h	X	
59h	Y	
5Ah	Z	
5Bh	[	
5Ch	\	
5Dh	]	
5Eh	^	
5Fh	_	
60h	`	
61h	a	
62h	b	
63h	c	
64h	d	
65h	e	
66h	f	
67h	g	
68h	h	
69h	i	
6Ah	j	

continues on next page

Table 3 – continued from previous page

Hexadecimal	Keyboard Function Key Operations	Keyboard CTRL Key Combination Operation
6Bh	k	
6Ch	l	
6Dh	m	
6Eh	n	
6Fh	o	
70h	p	
71h	q	
72h	r	
73h	s	
74h	t	
75h	u	
76h	v	
77h	w	
78h	x	
79h	y	
7Ah	z	
7Bh	{	
7Ch		
7Dh	}	
7Eh	~	
7Fh		

7.5 Barcode Types

Barcode	Hexadecimal Type
Code 128/UCC/EAN-128/GS1-128	01h
Code 39/Code 32	14h
Code 11	17h
Codabar	15h
Code 93	16h
EAN-8	05h
EAN-13/ISBN	06h
ISSN	07h
UPC-E	09h
UPC-A	0Ah
ITF25	0Bh
IND25	12h
STD25	13h
MATRIX25	11h
NEC25/COOP25	10h
MSI Plessey	19h
TELEPEN	1Fh
Pharmacode One-Track	23h
TRIOPTIC	22h
QR Code/Micro QR	3Dh

continues on next page

Table 4 – continued from previous page

Barcode	Hexadecimal Type
PDF417/MicroPDF417	3Ch
Data Matrix (DM)	3Fh
Aztec Code	3Eh
Han Xin	43h
MaxiCode	40h
DotCode	45h
GM	44h
Codablock A	26h
Codablock F	24h
GS1 DataBar/RSS	1Ah
Postal Code	25h
OCR	46h
HONG KONG 2 of 5/CHINA POST	20h
All Symbolologies	FFh