Platform User Manual

Release v1.0.0

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Contents

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 setting barcode below. All with (*) indicate factory default values.

1.3 Version Information

In order for the host to quickly read the version information of the current device, you can confirm it by reading the “version information”.

Version Information

1.4 Set Code Switch

By turning on the setting barcode function, you can configure the parameters of the scan engine by scanning the setting barcode.

> **Note**
>
> When modifying the configuration through the setting 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 Set Code Content Output

Whether to output the setting barcode content, you can configure the parameters of the scan engine by scanning the following setting barcode.

* Disable

Enable

1.6 User Default Settings

Save Current Configuration As User Default

Restore User Factory 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 code reading module 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.

* AIM For Normal

No Aiming

AIM For Constant Light

1.9 Prompt Output

1.10 Prompt Sound Related

Beeper Type

Read the following setting barcode to set the buzzer as a passive or active buzzer.

* Passive

Active

Volume Level

Users can adjust the buzzer volume according to the application environment and personal habits by reading the following setting barcode.

	
mute	Bass
	
Alto	* Treble

Power-on Beep

	
Disable	* Enable

Setup Code Prompt Tone

	
Disable	* Enable

Decoding Tone

Disable	* Enable

Decoding Prompt Tone Frequency

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 prompt tone by reading the following setting barcode. Default is 2700Hz.

Scan the “Buzzer Frequency” setting barcode

Buzzer Frequency

Scan the “Digital Setup Code”. 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” setting barcode to end the setting

Sure

Decoding Prompt Sound Quick Setting

 1000Hz	 1500Hz
 2000Hz	 2500Hz
 *2700Hz	 3000Hz
 3500Hz	

Decoding Tone Duration

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

Scan the “Beep Sound Duration” setting barcode

Prompt Tone Duration

Scan the “Digital Setup Code”. For example, if the duration is 50ms, scan 5,0; if the duration is 200ms, scan 2,0,0

Scan the “OK” setting barcode to end the setting

Sure

Quickly Set The Decoding Tone Duration

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

1.11 Reminder Light Related

Alert Light Function Type

 * Decoding Hints	 Power Prompt

Decode Success Indicator

Disable

* Enable

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.

* Mode 0

Way 1

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.

* Disable

Enable

2 Reading and trigger settings

2.1 reading mode

Key Hold

Set to key hold mode, press the key to trigger reading, release the key to end reading. If the reading is successful or the reading time exceeds the single reading time, the reading will end.

Key Hold

Single Button Trigger

Set to single button trigger mode. Press the button to start reading. Release the button and the reading will not stop. If the reading is successful or the reading exceeds the single reading time, the reading will stop.

Single Button Trigger

Continuous Mode

After the setting is completed, there is no need to trigger. The scan engine starts reading the code immediately. When the reading is successful and the information is output or the single reading time expires, the next reading interval will automatically start after the reading interval times out.

Continuous Mode

Auto-Sensing Mode

In the automatic sensing mode, the scan engine will detect the brightness of the surrounding environment. When the brightness changes, the reading is triggered. The reading is successful or the reading time exceeds the single reading time and ends. Regardless of whether the last reading was successful or failed, re-enter to detect the brightness of the surrounding environment.

Auto-Sensing 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.

* High Sensitivity

Medium Sensitivity

Low Sensitivity

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” setting barcode

Image Stabilization Time

Scan the “Digital Setup Code”. For example, if the duration is 100ms, scan 1, 0, 0; if the duration is 1005ms, scan 1, 0, 0, 5

Scan the “OK” setting barcode to end the setting

Sure

Quick Setting Of Image Stabilization Duration

100ms	200ms
*300ms	400ms
500ms	1000ms

2.2 Special Reading Mode

Screen Fast Mode

This mode is an extraordinary mode and is not applicable to general version products. It is suitable for application scenarios that require quick recognition of screen codes. Users who need it are asked to contact the supplier.

Fast Code Reading Mode

This mode is an extraordinary mode and is not suitable for general-purpose products. It is suitable for application scenarios that require rapid reading of barcodes on various paper media. It is suitable for fixed modules, scanning platforms and other product forms. Users who have needs please contact the supplier.

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” setting barcode

Single Reading Time

Scan the “Digital Setup Code”. For example, if the duration is 100ms, scan 1, 0, 0; if the duration is 1005ms, scan 1, 0, 0, 5

Scan the “OK” setting barcode to end the setting

Sure

Quick Setting Of Single Reading Time

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

2.4 Same Code Reading Interval

In order to prevent the same barcode from being read multiple times in continuous mode and automatic sensing mode, the scan engine can be required to delay reading the same barcode for a set period of time; the same-code delay means that after reading a barcode, it refuses to read the same barcode within a set period of time. Only after the time has expired can it be read and output. The range is: 0-65535ms, default: 0ms.

Same Code Reading Interval Setting

Scan the “same code time interval” setting barcode

Same Code Time Interval

Scan the “Digital Setup Code”. For example, if the interval is 100ms, scan 1, 0, 0; if the interval is 1005ms, scan 1, 0, 0, 5

Scan the “OK” setting barcode to end the setting

Sure

Quick Setting Of Same Code Reading Interval

* 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” setting barcode

Reading Interval Time

Scan the “Digital Setup Code”. For example, if the interval is 100ms, scan 1, 0, 0; if the interval is 1005ms, scan 1, 0, 0, 5

Scan the “OK” setting barcode to end the setting

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 setting 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 code reading module 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

 5 People	 6 Bits
 7 Bits	 * 8 Bit

3.8 USB HID-POS

When the device is used as a HID device, you can read the following setting 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 setting 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
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.

* Standard Keyboard	Virtual Keyboard

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.

* Normal Output	ALL CAPS
All Lowercase	Opposite Case

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” setting barcode

Character Transmission Time Interval

Scan the “Digital Setup Code”. For example, if the duration is 10ms, scan 1,0; if the duration is 100ms, scan 1,0,0.

Scan the “OK” setting barcode to end the setting

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*.

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* Output Function Keys

Output CTRL Key Combination

Output ALT+numeric Keys

---

5 Data Editing

5.1 Character Set

Input Character Set

In order for the scan engine to correctly know the character set of the barcode data, it can be set by reading the “input character set”.

* Automatic

GBK

UTF-8

ASCII

Shift-JISJapanese

Output Character Set

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

*original Format

GBK

UTF-8

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 code reading module 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 “]C0”. Users can identify different barcode types through AIM ID.

	
* Disable	Enable

Code ID

Users can identify different barcode types through Code ID, which uses one character for identification. For the specific definition, see *Code ID*

	
* Disable	Enable

5.3 Suffix

In order for the host to quickly distinguish the current decoding results, the function of adding end characters can be turned on, and the reading module will add the corresponding end characters after decoding the data.

	
Disable	Carriage Return And Line Feed
	
* Enter	TAB
	
Enter Enter	

5.4 Prefix

Prefix Switch

The prefix is a string that is customized and modified by the user before decoding the information. You can add a prefix by scanning the “Enable” setting barcode, and cancel the prefix by scanning “Disable”.

	
* Disable	Enable

Prefix Content Settings

There are two methods for prefix setting. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Add prefix to set code 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 ãâsupported.

Example

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

Method 2: Scan the manual setting code

Scan the "Prefix Settings" setting barcode

Prefix Settings

Scan the "Digital Setting Code" in sequence, every two in a group.

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" setting barcode to end the setting.

Sure

5.5 Suffix

Suffix Switch

The suffix is a string that is customized and modified by the user after decoding the information. The suffix can be added by scanning the “Enable” setting barcode, and the suffix can be canceled by scanning the “Disable” code.

* Disable

Enable

Suffix Content Settings

There are two methods for suffix setting. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible to use. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Add suffix to set code 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 setting code content is: `>!01080141`.
- You need to set the suffix character ABC, check *ASCII Code Comparison Table*, the hexadecimal value is `414243`, then the setting code content is: `>!010801414243`.

Method 2: Scan the manual setting code

Scan the "Suffix Settings" setting barcode

Suffix Settings

Scan the "Digital Setting Code" in sequence, every two in a group.

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" setting barcode to end the setting.

Sure

5.6 Add Prefix Based On Barcode Type

Add Prefix Switch Based On Barcode Type

The prefix is a string that is customized and modified by the user before decoding the information. You can add a prefix by scanning the "Enable" setting barcode, and cancel the prefix by scanning "Disable".

	
* Disable	Enable

Add Prefix Content Settings Based On Barcode Type

There are two methods for setting the prefix content. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

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 Type*.

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 ãâsupported.

Example

- Code 128 barcode prefix character A needs to be set. According to *Barcode Type*, the hexadecimal value of Code 128 is `01`. Check *ASCII Code Comparison Table*. The hexadecimal value of character `A` is `41`, then the setting code content is: `>!0108060141.`
- Code 128 barcode prefix characters A B C need to be set. According to *Barcode Type*, the hexadecimal value of Code 128 is `01`. Check *ASCII Code Comparison Table*, and the hexadecimal values of characters A B C are `41 42 respectively. 43`, then the setting code content is: `>!01080601414243.`

Method 2: Scan the manual setting code

Scan the “Prefix Settings” setting barcode

Prefix Settings

Set the barcode type and scan the “Number Setting Code” in sequence, every two as a group.

Example

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

Set the prefix content and scan the “Digital Setting Code” in sequence, every two as a group.

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” setting barcode to end the setting

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 setting barcode in this manual according to the steps.

Method 1: Generate setup code

Clear prefix setting code 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 Type*. Two characters are a unit, and any shortage is filled with 0.

Example

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

Method 2: Scan the manual setting code

Scan the “Clear Prefix” setting barcode

Clear Prefix

Clear the barcode type and scan the “Digital Setting Code” in sequence, every two in a group.

Example

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

Scan the “OK” setting barcode to end the setting.

Sure

5.8 Add Suffix Based On Barcode Type

Add Suffix Switch According To Barcode Type

The suffix is a string that is customized and modified by the user after decoding the information. The suffix can be added by scanning the "Enable" setting barcode, and the suffix can be canceled by scanning the "Disable" code.

* Disable

Enable

Add Suffix Content Settings According To Barcode Type

There are two methods for setting the suffix content. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

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 Type*.

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 ãâsupported.

Example

- Code 128 barcode suffix character A needs to be set. According to *Barcode Type*, the hexadecimal value of Code 128 is `01`. Check *ASCII Code Comparison Table*. The hexadecimal value of character `A` is `41`, then the setting code content is: `>!0108070141`.

- Code 128 barcode suffix characters A B C need to be set. According to *Barcode Type*, the hexadecimal value of Code 128 is `01`. Check *ASCII Code Comparison Table*, and the hexadecimal values of characters A B C are `41 42 respectively. 43`, then the setting code content is: `>!01080701414243.`

Method 2: Scan the manual setting code

Scan the "Suffix Settings" setting barcode

Suffix Settings

Set the barcode type and scan the "Number Setting Code" in sequence, every two as a group.

Example

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

Set the suffix content and scan the "Digital Setting Code" in sequence, every two as a group.

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" setting barcode to end the setting

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 setting barcode in this manual according to the steps.

Method 1: Generate setup code

Clear the suffix setting code 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 Type*. 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 Type*, the hexadecimal value of Code 128 is `01`, then the setting code content is: `>!01080901`.

Method 2: Scan the manual setting code

Scan the "Clear Suffix" setting barcode

Clear Suffix

Clear the barcode type and scan the "Digital Setting Code" in sequence, every two in a group.

Example

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

Scan the "OK" setting barcode to end the setting

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

	
* Disable	Enable

Hide Fixed Character Settings

There are two methods for hiding fixed character settings. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible to use. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Hide fixed character setting code 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 setting code content is: `>!01080241.`
- You need to set the hidden character ABC, check *ASCII Code Comparison Table*, the hexadecimal value is `414243`, then the setting code content is: `>!010802414243.`

Method 2: Scan the manual setting code

Scan the “Hide Fixed Characters” setting barcode

Hide Fixed Characters

Scan the “Digital Setting Code” in sequence, every two in a group.

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” setting barcode to end the setting

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 one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setup code in this manual according to the steps.

Method 1: Generate setup code

Starting position setting code content format: `>!00102AXX.`

XX
: Set variable, decimal range `1-65535`.

Example

- If the start position is set to `11`, the setting barcode content is: `>!00102A11.`

Method 2: Scan the manual setting code

Scan the “Start Position” setting barcode

Starting Position

Scan the “Number Setting Code”, starting from the number, scan the corresponding number setting code.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Keep Data End Position

There are two methods to end the settings. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setup code in this manual according to the steps.

Method 1: Generate setup code

End position setting code content format: `>!00102BXX.`

xx
: Set variable, decimal range `1-65535`.

Example

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

Method 2: Scan the manual setting code

Scan the “End Position” setting barcode

End Position

Scan the “Number Setting Code”, start from the end number, and scan the corresponding number setting code.

Example

- At the `50` position, scan `5`, `0`.

Scan the “OK” setting barcode to end the setting

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 one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setup code in this manual according to the steps.

Method 1: Generate setup code

Starting position setting code content format: `>!001027XX.`

XX

Set variable, decimal range `1-65535`.

Example

- If the starting position is set to `11`, the setting code content is: `>!00102711.`

Method 2: Scan the manual setting code

Scan the “Start Position” setting barcode

Starting Position

Scan the “Number Setting Code”, starting from the number, scan the corresponding number setting code.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Hide Barcode Data End Position

There are two methods to end the settings. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setup code in this manual according to the steps.

Method 1: Generate setup code

End position setting code content format: `>!001028XX.`

XX
: Set variable, decimal range `1-65535`.

Example

- If the end position is set to `50`, the setting code content is: `>!00102850.`

Method 2: Scan the manual setting code

Scan the “End Position” setting barcode

End Position

Scan the “Number Setting Code”, start from the end number, and scan the corresponding number setting code.

Example

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

Scan the “OK” setting barcode to end the setting

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 one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setup code in this manual according to the steps.

Method 1: Generate setup code

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 Type*.

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 Type*, the hexadecimal value of Code 128 is `01`, and the hexadecimal value of 11 is `0B`, then the setting code content is: `>!01080A010B`.

Method 2: Scan the manual setting code

Scan the "Barcode Type and Starting Position" setting barcode

Barcode Type And Starting Position

Set the barcode type and scan the "Number Setting Code" in sequence, every two as a group.

Example

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

Set the starting position and scan the "digital setting codes" in sequence, every two as a group.

Hexadecimal input is used here.

Example

- The `11` bit corresponds to `0B`, scan `0`, `B`.
- The `100` position corresponds to `64`, scan `6`, `4`.

Scan the "OK" setting barcode to end the setting

Sure

Hide Data End Position Based On Barcode Type

There are two methods to end the settings. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setup code in this manual according to the steps.

Method 1: Generate setup code

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 Type*.

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 Type*, the hexadecimal value of Code 128 is `01`, and the hexadecimal value of 100 is `64`, then the setting code content is: `>!01080B0164`.

Method 2: Scan the manual setting code

Scan the "Barcode Type and End Position" setting barcode

Barcode Type And End Position

Set the barcode type and scan the “Number Setting Code” in sequence, every two as a group.

Example

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

Set the end position and scan the “digital setting codes” in sequence, every two as a group.

Hexadecimal input is used here.

Example

- The `11` bit corresponds to `0B`, scan `0`, `B`.
- The `100` position corresponds to `64`, scan `6`, `4`.

Scan the “OK” setting barcode to end the setting

Sure

5.14 Hide Any Length Of Data At The Bottom Of The Barcode Based On The Barcode Type

This function can hide barcode data of any length that is not needed in the header according to the barcode type as required.

Hide Arbitrary Length Data Switch At The Bottom Of Barcode According To Barcode Type

* Disable

Enable

Hide The Bottom Of The Barcode To Any Length According To The Barcode Type

There are two ways to set the length. Method one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

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 Type*.

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 Type*, the hexadecimal value of Code 128 is `01`, and the hexadecimal value of 15 is `0F`, then the setting code content is: `>!01080C010F`.

Method 2: Scan the manual setting code

Scan the “Barcode Type and Length” setting barcode

Barcode Type And Length

Set the barcode type and scan the “Number Setting Code” in sequence, every two as a group.

Example

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

Set the length and scan the “digital setting codes” in sequence, every two as a group.

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” setting barcode to end the setting

Sure

5.15 Hide Any Length Of Data At The End Of The Barcode According To The Barcode Type

This function can hide barcode data of any length that is not needed at the tail according to the barcode type as required.

Hide Any Length Data Switch At The End Of The Barcode According To The Barcode Type

* Disable

Enable

Hide Any Length Of The Barcode Tail According To The Barcode Type

There are two ways to set the length. Method one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

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 Type*.

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 Type*, the hexadecimal value of Code 128 is `01`, and the hexadecimal value of 12 is `0C`, then the setting code content is: `>!01080D010C.`

Method 2: Scan the manual setting code

Scan the “Barcode Type and Length” setting barcode

Barcode Type And Length

Set the barcode type and scan the “Number Setting Code” in sequence, every two as a group.

Example

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

Set the length and scan the "digital setting codes" in sequence, every two as a group.

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" setting barcode to end the setting

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

* Disable	Enable

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 setting barcode in this manual according to the steps.

Method 1: Generate setup code

Customized insertion data setting code 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 setting code content is: `>!01080341`.
- You need to insert custom data ABC, check *ASCII Code Comparison Table*, the hexadecimal value is `414243`, then the setting code content is: `>!010803414243`.

Method 2: Scan the manual setting code

Scan the "custom data" setup code

Custom Data

Scan the "Digital Setting Code" in sequence, every two in a group.

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" setting barcode to end the setting

Sure

Insertion Position

There are two methods for setting the insertion position. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Insert position setting code content format: `>!00102EXX.`

XX

Set variable, decimal range `1-65535`.

Example

- If the insertion position is set to `11`, the setting code content is: `>!00102E11.`

Method 2: Scan the manual setting code

Scan the "Insert Position" setting barcode

Insertion Position

Scan the "digital setting code", insert the position, and scan the corresponding digital setting code.

Example

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

Scan the "OK" setting barcode to end the setting

Sure

5.17 Data Replacement

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

Data Replacement Switch

* Disable	Enable

Replaced Data Settings

There are two methods for setting the replaced data. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

The content format of the replaced data setting code: `>!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 setting code content is: `>!01080441`.
- For the replaced data ABC, check *ASCII Code Comparison Table*, the hexadecimal value is `414243`, then the setting code content is: `>!010804414243`.

Method 2: Scan the manual setting code

Scan the "replaced data" setting barcode

Data To Be Replaced

Scan the "Digital Setting Code" in sequence, every two in a group.

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" setting barcode to end the setting

Sure

Replace Data Settings

There are two methods for replacing data settings. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Replacement data setting code 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 setting code content is: `>!01080541.`
- Data ABC replaces the original data, check *ASCII Code Comparison Table*, the hexadecimal value is `414243`, then the setting code content is: `>!010805414243.`

Method 2: Scan the manual setting code

Scan the "Replace Data" setup code

Replace Data

Scan the “Digital Setting Code” in sequence, every two in a group.

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” setting barcode to end the setting

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.

* Enable URL Code

Disable URL Codes

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 setting barcode.

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

Invoicing Function Switch

* Disable

Enable

Invoice type

* Special Ticket

Popular Vote

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 1D Code Global Switch

Disable

Enable

* Default

6.4 QR Code Global Switch

Disable

Enable

* Default

6.5 Barcode Security Level

In order to solve the problem of possible code errors in barcode reading under extreme circumstances, 5 security levels are provided. The higher the level, the worse the reading experience will be.

Level 0

* Level 1

Level 2

Level 3

Level 4

6.6 Multi-code Identification

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

Must Read Multiple Codes

* Disable

Enable

Read Multiple Codes

	
* 1	2
	
3	4
	
5	6

6.7 Global Invert Color Switch

Read the following setting barcode to enable/disable barcode inversion reading.

> **Note**
>
> The global inverse color switch will have a greater impact on the performance of the reading equipment. Commonly used barcodes have separate inverse color switches. It is recommended to turn them on separately.

	
* Disable	Enable

6.8 Partial Inverse Color Switch

Code 128 Reverse Color Switch

Read the following setting barcode to enable/disable reverse color reading of Code 128 barcodes. This setting is also valid for GS1-128

* Disable

Enable

EAN/UPC Color Inversion Switch

Read the following setting barcode to enable/disable reverse color reading of EAN/UPC barcodes.

* Disable

Enable

ITF25 Reverse Color Switch

Read the following setting barcode to enable/disable reverse color reading of ITF25 barcodes.

* Disable

Enable

Code 39 Reverse Color Switch

Read the following setting barcode to enable/disable reverse color reading of Code 39 barcodes.

* Disable	Enable

Codabar Reverse Color Switch

Read the following setting barcode to enable/disable reverse color reading of Codabar barcodes.

* Disable	Enable

Code 93 Reverse Color Switch

Read the following setting barcode to enable/disable reverse color reading of Code 93 barcodes.

* Disable	Enable

L Series - Symbology Enable/Disable Configuration

Code 128

Code 128 Switch

Read the following setting barcode to enable/disable reading of Code 128 barcodes.

Disable	* Enable

Code 128 Minimum Length

There are two methods for setting the minimum length of Code 128. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 128 minimum length setting code content format: `>!000012XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "Code 128 Minimum Length" setting barcode

Code 128 Minimum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

Code 128 Maximum Length

There are two methods for setting the maximum length of Code 128. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 128 Maximum length setting code content format: `>!000013XX.`

XX
: Set variable, decimal range `0-255`.

Example

- The maximum length of Code 128 is set to `9`, then the setting code content is: `>!0000129.`
- The maximum length of Code 128 is set to `20`, then the setting code content is: `>!00001220.`

Method 2: Scan the manual setting code

Scan the "Code 128 Maximum Length" setting barcode

Code 128 Maximum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

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

Read the following setting 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. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

GS1 128 minimum length setting code content format: `>!000022XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “GS1 128 minimum length” setting barcode

GS1 128 Minimum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

GS1 128 Maximum Length

There are two methods for setting the maximum length of GS1 128. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

GS1 128 maximum length setting code content format: `>!000023XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "GS1 128 maximum length" setting barcode

GS1 128 Maximum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

EAN-8

EAN-8 Switch

Read the following setting barcode to enable/disable EAN-8 barcode reading.

	
Disable	* Enable

EAN-8 Check Digit Transmission

Read the following setting barcode to set whether EAN-8 transmits the check digit.

	
Disable	* Enable

EAN-8 Reads 2-digit Additional Code

Read the following setting barcode to set whether EAN-8 can read the 2-digit additional code.

	
* Disable	Enable

EAN-8 Reads 5-digit Additional Code

Read the following setting barcode to set whether EAN-8 can read the 5-digit additional code.

	
* Disable	Enable

Read Only With Add-on Code EAN-8

Read the following setting barcode to set whether to read only EAN-8 with additional code.

	
* Disable	Enable

EAN-13

EAN-13 Switch

Read the following setting barcode to enable/disable EAN-13 barcode reading.

	
Disable	* Enable

EAN-13 Check Digit Transmission

Read the following setting barcode to set whether EAN-13 transmits check digits.

Disable	* Enable

EAN-13 Reads 2-digit Additional Code

Read the following setting barcode to set whether EAN-13 can read the 2-digit additional code.

* Disable	Enable

EAN-13 Reads 5-digit Additional Code

Read the following setting barcode to set whether EAN-13 can read the 5-digit additional code.

* Disable	Enable

Read Only With Add-on Code EAN-13

Read the following setting barcode to set whether to read only EAN-13 with additional code.

* Disable

Enable

ISSN

Read the following setting barcode to enable/disable ISSN barcode reading.

> **Note**
>
> Disable ISSN, ISSN will be treated as EAN-13

* Disable

Enable

ISBN

Read the following setting barcode to enable/disable ISBN barcode reading.

Note

Disable ISBN, ISBN will be treated as EAN-13

* Disable

Enable

UPC-E

UPC-E Switch

Read the following setting barcode to enable/disable reading of UPC-E barcodes.

Disable

* Enable

UPC-E Check Digit Transmission

Read the following setting barcode to set whether UPC-E transmits the check digit.

Disable

* Enable

UPC-E Reads 2-digit Additional Code

Read the following setting barcode to set whether UPC-E can read the 2-digit additional code.

* Disable

Enable

UPC-E Reads 5-digit Additional Code

Read the following setting barcode to set whether UPC-E can read the 5-digit additional code.

* Disable

Enable

Read Only With Add-on Code UPC-E

Read the following setting barcode to set whether to read only UPC-E with additional code.

* Disable

Enable

Transmission system character “0”

Read the following setting barcode to set whether UPC-E transmits the system character “0”.

Disable	* Enable

UPC-E To UPC-A

Read the following setting barcode to set whether to convert UPC-E to UPC-A.

* Disable	Enable

UPC-E1 Switch

Read the following setting barcode to set whether to read UPC-E1.

* Disable	Enable

Transmit national character “0”

Read the following setting barcode to set whether UPC-E transmits the national character “0”.

* Disable

Enable

UPC-A

UPC-A Switch

Read the following setting barcode to enable/disable reading of UPC-A barcodes.

Disable

* Enable

UPC-A Check Digit Transmission

Read the following setting barcode to set whether UPC-A transmits the check digit.

Disable

* Enable

UPC-A Reads 2-digit Additional Code

Read the following setting barcode to set whether UPC-A can read the 2-digit additional code.

* Disable	Enable

UPC-A Reads 5-digit Additional Code

Read the following setting barcode to set whether UPC-A can read the 5-digit additional code.

* Disable	Enable

Read Only With Add-on Code UPC-A

Read the following setting barcode to set whether to read only UPC-A with additional code.

* Disable	Enable

Transmission system character “0”

Read the following setting barcode to set whether UPC-A transmits system characters.

	
Disable	* Enable

Transmit national character “0”

Read the following setting 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

Read the following setting barcode to enable/disable reading of ITF25 barcodes.

	
Disable	* Enable

ITF25 Check Digit Verification

Read the following setting barcode to set whether the ITF25 check digit is verified.

* Disable

Enable

ITF25 Check Digit Transmission

Read the following setting barcode to set whether the ITF25 check digit is transmitted.

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

* Disable

Enable

ITF25 Minimum Length

There are two methods for setting the minimum length of ITF25. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

ITF25 minimum length setting code content format: `>!0000B3XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "ITF25 minimum length" setting barcode

ITF25 Minimum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

ITF25 Maximum Length

There are two methods for setting the maximum length of ITF25. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

ITF25 maximum length setting code content format: `>!0000B4XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “ITF25 maximum length” setting barcode

ITF25 Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Brazilian Government/Bank Code

* Disable

Enable

NEC25/COOP25

NEC25 Switch

Read the following setting barcode to enable/disable NEC25 barcode reading.

* Disable	Enable

NEC25 Check Digit Verification

Read the following setting barcode to set whether the NEC25 check digit is verified.

* Disable	Enable

NEC25 Check Digit Transmission

Read the following setting barcode to set whether the NEC25 check digit is transmitted.

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

* Disable	Enable

NEC25 Minimum Length

There are two methods for setting the minimum length of NEC25. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

NEC25 minimum length setting code content format: `>!000103XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “NEC25 minimum length” setting barcode

NEC25 Minimum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

NEC25 Maximum Length

There are two methods for setting the maximum length of NEC25. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

NEC25 maximum length setting code content format: `>!000104XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "NEC25 maximum length" setting barcode

NEC25 Maximum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

MATRIX25

MATRIX25 Switch

Read the following setting barcode to enable/disable MATRIX25 barcode reading.

	
* Disable	Enable

MATRIX25 Check Digit Verification

Read the following setting barcode to set whether the MATRIX25 check digit is verified.

	
* Disable	Enable

MATRIX25 Check Digit Transmission

Read the following setting barcode to set whether the MATRIX25 check digit is transmitted.

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

	
* Disable	Enable

MATRIX25 Minimum Length

There are two methods for setting the minimum length of MATRIX25. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible to use. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

MATRIX25 minimum length setting code content format: `>!000113XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "MATRIX25 minimum length" setting barcode

MATRIX25 Minimum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

MATRIX25 Maximum Length

There are two methods for setting the maximum length of MATRIX25. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

MATRIX25 maximum length setting code content format: `>!000114XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "MATRIX25 maximum length" setting barcode

MATRIX25 Maximum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

IND25

IND25 Switch

Read the following setting barcode to enable/disable reading of IND25 barcodes.

	
* Disable	Enable

IND25 Minimum Length

There are two methods for setting the minimum length of IND25. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

IND25 minimum length setting code content format: `>!000123XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “IND25 minimum length” setting barcode

IND25 Minimum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

IND25 Maximum Length

There are two methods for setting the maximum length of IND25. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible to use. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

IND25 maximum length setting code content format: `>!000124XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “IND25 maximum length” setting barcode

IND25 Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

STD25

STD25 Switch

Read the following setting barcode to enable/disable STD25 barcode reading.

* Disable

Enable

STD25 Minimum Length

There are two methods for setting the minimum length of STD25. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

STD25 minimum length setting code content format: `>!000133XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “STD25 minimum length” setting barcode

STD25 Minimum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

STD25 Maximum Length

There are two methods for setting the maximum length of STD25. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

STD25 maximum length setting code content format: `>!000134XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “STD25 maximum length” setting barcode

STD25 Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Code 39

Code 39 Switch

Read the following setting barcode to enable/disable reading of Code 39 barcodes.

Disable

* Enable

Code 39 check digit verification

Read the following setting barcode to set whether the Code 39 check digit is verified.

* Disable

Enable

Code 39 Check Digit Transmission

Read the following setting 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 Character/end Character Transmission

Read the following setting barcode to set whether the Code 39 start character/end character is transmitted.

* Disable

Enable

Code 39 FULL ASCII Switch

Read the following setting 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. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 39 minimum length setting code content format: `>!000145XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "Code 39 Minimum Length" setting barcode

Code 39 Minimum Length

Scan the "Digital Setup Code".

Example

- Minimum length `2` digits, scan `2`.

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

Scan the “OK” setting barcode to end the setting

Sure

Code 39 Maximum Length

There are two methods for setting the maximum length of Code 39. Method one requires the user to generate a QR code, which tends to be set by more users and is more flexible. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 39 Maximum length setting code content format: `>!000146XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “Code 39 Maximum Length” setting barcode

Code 39 Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Code 32 Switch

Read the following setting barcode to enable/disable the setting of Code 39 to Code 32

* Disable	Enable

Code 32 prefix

Read the following setting barcode to set whether the Code 32 prefix is transmitted.

* Disable	Enable

Code 32 Check Digit Verification

Read the following setting barcode to set whether the Code 32 check digit is verified.

	
* Disable	Enable

Code 32 Check Digit Transmission

Read the following setting 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

Read the following setting barcode to enable/disable Codabar barcode reading.

	
* Disable	Enable

Codabar Check Digit Verification

Read the following setting barcode to set whether the Codabar check digit is verified.

* Disable

Enable

Codabar Check Digit Transmission

Read the following setting 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 Character/end Character Transmission

Read the following setting barcode to set whether the Codabar start character/end character is transmitted.

Disable

* Enable

Codabar Start Character/end Character Format

Read the following setting barcode to set the Codabar start character/end character format.

* Ordinary ABCD Format

ABCD/TN*E Format

Codabar Start Character/end Character Case

Read the following setting barcode to set whether the Codabar start character/end character is uppercase or lowercase.

*uppercase

Lower Case

Codabar Minimum Length

There are two methods for setting the minimum length of Codabar. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Codabar minimum length setting code content format: `>!000156XX`.

`XX`
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "Codabar Minimum Length" setting barcode

Codabar Minimum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

Codabar Maximum Length

There are two methods for setting the maximum length of Codabar. Method one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Codabar maximum length setting code content format: `>!000157XX.`

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “Codabar Maximum Length” setting barcode

Codabar Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Code 93

Code 93 Switch

Read the following setting 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. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 93 minimum length setting code content format: `>!000163XX`.

XX

Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “Code 93 Minimum Length” setting barcode

Code 93 Minimum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Code 93 Maximum Length

There are two methods for setting the maximum length of Code 93. Method one requires the user to generate a QR code, which is more flexible for more users. Method two can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 93 maximum length setting code content format: `>!000164XX`.

xx
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “Code 93 Maximum Length” setting barcode

Code 93 Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

Code 11

Code 11 Switch

Read the following setting barcode to enable/disable reading of Code 11 barcodes.

* Disable

Enable

Code 11 Check Digit Verification

Read the following setting barcode to set whether the Code 11 check digit is verified.

* No Verification

1 Bit Checksum

2 Digit Checksum

Code 11 Check Digit Transmission

Read the following setting 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. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 11 minimum length setting code content format: `>!000173XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the "Code 11 Minimum Length" setting barcode

Code 11 Minimum Length

Scan the "Digital Setup Code".

Example

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

Scan the "OK" setting barcode to end the setting

Sure

Code 11 Maximum Length

There are two methods for setting the maximum length of Code 11. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

Code 11 maximum length setting code content format: `>!000174XX.`

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “Code 11 Maximum Length” setting barcode

Code 11 Maximum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

MSI Plessey

MSI Plessey Switch

Read the following setting barcode to enable/disable MSI Plessey barcode reading.

* Disable

Enable

MSI Plessey Check Digit Verification

Read the following setting barcode to set whether the MSI Plessey check digit is verified.

* MOD10 Single Character Check

MOD10/MOD10 Double Character Check

MOD10/MOD11 Double Character Check

MSI Plessey Check Digit Transmission

Read the following setting 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. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

MSI Plessey minimum length setting code content format: `>!000193XX`.

XX
: Set variable, decimal range `0-255`.

> **Example**
>
> - The minimum length of MSI Plessey is set to `2`, then the setting code content is: `>!0001932`.
> - The minimum length of MSI Plessey is set to `12`, then the setting code content is: `>!00019312`.

Method 2: Scan the manual setting code

Scan the “MSI Plessey Minimum Length” setup code

MSI Plessey Minimum Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

MSI Plessey Max Length

There are two methods for setting the maximum length of MSI Plessey. The first method requires the user to generate a QR code, which tends to be set by more users and is more flexible. The second method can scan the setting barcode in this manual according to the steps.

Method 1: Generate setup code

MSI Plessey maximum length setting code content format: `>!000194XX`.

XX
: Set variable, decimal range `0-255`.

Example

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

Method 2: Scan the manual setting code

Scan the “MSI Plessey Maximum Length” setup code

MSI Plessey Max Length

Scan the “Digital Setup Code”.

Example

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

Scan the “OK” setting barcode to end the setting

Sure

GS1 DataBar/RSS

Read the following setting barcode to enable/disable reading of GS1 DataBar barcodes.

* Disable	Enable

Composite Code

Read the following setting barcode to enable/disable reading of Composite Code barcodes.

Note

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

* Disable	Enable

TELEPEN

Read the following setting barcode to enable/disable TELEPEN barcode reading.

* Disable

Enable

TRIOPTIC

Read the following setting barcode to enable/disable TRIOPTIC barcode reading.

* Disable

Enable

HONG KONG 2 OF 5/CHINA POST

Read the following setting barcode to enable/disable reading of the HONG KONG 2 of 5 barcode.

* Disable

Enable

Korea Post/Korea Post

Read the following setting 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

Read the following setting barcode to set whether the KOREA POST check digit is transmitted.

* Disable

Enable

KOREA POST Data Reversed

* Disable

Enable

PDF417

PDF417 Switch

Read the following setting barcode to enable/disable reading of PDF417 barcodes.

Disable

* Enable

PDF417 Forward And Reverse Recognition

Read the following setting barcode to set whether the forward/reverse PDF417 code can be read.

* Read Only Positive Colors

Read Only Reverse Color

Readable In Both Positive And Negative Colors

QR Code

QR Switch

Read the following setting barcode to enable/disable reading of QR barcodes.

Disable

* Enable

QR Code Front And Back Color Reading

Read the following setting barcode to set whether the front/reverse color QR Code can be read.

	
* Read Only Positive Colors	Read Only Reverse Color
	
Readable In Both Positive And Negative Colors	Read Only Normal Color (reverse Color Code)

QR Code Mirror Reading

Read the following setting barcode to set whether the image QR Code can be read.

	
Disable	* Enable

Data Matrix (DM)

Data Matrix Switch

Read the following setting barcode to enable/disable reading of Data Matrix barcodes.

Disable

* Enable

Data Matrix Positive And Negative Color Reading

Read the following setting barcode to set whether the positive/reverse color Data Matrix code can be read.

* Read Only Positive Colors

Read Only Reverse Color

Readable In Both Positive And Negative Colors

Data Matrix Image Reading

Read the following setting barcode to set whether the image Data Matrix code can be read.

* Disable

Enable

DM ECI Control

* Disable

Enable

Aztec Code

Read the following setting barcode to enable/disable reading of AZTEC CODE barcodes.

* Disable

Enable

M Series - Symbology Enable/Disable Configuration

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

Pharmacode One-Track

PHARMACODE ONE-TRACK Switch

Read the following setting barcode to enable/disable reading of PHARMACODE ONE-TRACK barcodes.

* Disable

Enable

PHARMACODE ONE-TRACK Barcode Direction

Read the following setting barcode to set the horizontal/vertical direction of the PHARMACODE ONE-TRACK barcode.

* Level	Vertical

PHARMACODE ONE-TRACK Data Reversed

Read the following setting barcode to enable/disable inversion of PHARMACODE ONE-TRACK barcode data.

* Disable	Enable

Codablock A

Read the following setting barcode to enable/disable CODABLOCK A barcode reading.

* Disable	Enable

Codablock F

Read the following setting barcode to enable/disable CODABLOCK F barcode reading.

* Disable

Enable

MaxiCode

Read the following setting barcode to enable/disable reading of MaxiCode barcodes.

* Disable

Enable

Han Xin

HAN XIN Switch

Read the following setting barcode to enable/disable reading of HAN XIN barcodes.

* Disable

Enable

HAN XIN Code ECI Control

Read the following setting barcode to set whether the HAN XIN code outputs ECI.

* Disable	Enable

DotCode

Read the following setting barcode to enable/disable reading of DOTCODE barcodes.

* Disable	Enable

H Series - Symbology Enable/Disable Configuration

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

Postal Code

POSTAL CODE Switch

Read the following setting 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)

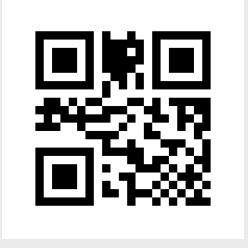
Intelligent Mail Bar

Japanese Post

KIX Post

Planet Code

USPS Postnet



Postal-4i/UPU FICS/UPU4-State

Planet Code Check Digit Transmission

Read the following setting barcode to enable/disable transmission of the Planet code check digit.

	
Disable	* Enable

USPS Postnet Check Digit Transmission

Read the following setting barcode to set the USPS Postnet check digit to enable/disable transmission.

	
Disable	* Enable

GM

Read the following setting barcode to enable/disable GM barcode reading.

	
* Disable	Enable

OCR

OCR Switch

Read the following setting barcode to enable/disable OCR character reading.

Note

Only Supports Chinese ID Card Recognition

* Disable

Enable

China ID Card Verification

Read the following setting barcode to enable/disable ID card verification.

* Disable

Enable

7 Appendix

7.1 Numeric Setting Barcode

The appendix contains numbers 0-9; letters A-F; cancel; confirm setup codes.

0

1

2

3

4

5

6

7

8

9

A

B

7.2 Code ID

Code Character	Barcode Type
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 Type	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 Type	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	

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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 Type

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

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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 Symbologies	FFh