



2D Barcode Scanner Setting Manual

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Chapter1 System Settings

Introduction

The user can set the function of the barcode reader by scanning one or more setting barcodes.



Scanning Instructions

In the Trigger Mode, the scanning barcode operation steps are as follows

1. Hold down the trigger key of the barcode reader, the line of sight is activated, red red line of sight appears.
2. Align the red line of sight with the bar code center, move the bar code reader and adjust the distance between it and the bar code to find the best reading distance.
3. After hearing the successful prompt sound, and the red lighting line is extinguished, the reading is successful, and the barcode reader transmits the decoded data to the host..

Note: During the reading process, you will find the distance between the barcode reader and the barcode within a certain range for the barcode of the same batch, and the reading success rate will be very high. This distance is the best reading distance.

Restore Defaults

All barcode readers have a factory default setting. Reading the "Restore default settings" barcode will restore all barcode reader property settings to the factory state.

You are most likely to use this bar code in the following situations:

- 1、 Error in barcode reader settings, such as barcode not recognized.
- 2、 You have forgotten what settings were made for the barcode reader before, and you do not want to use the previous settings.
- 3、 The bar code reader is set to use some infrequently used features and is used after completion.
- 4、 Under the wireless function, it is necessary to reset the serial port after restoring the default settings in order to communicate with wireless.



Restore default settings

version

Use the scanner to scan the version number bar code, you can view the current bar coder version number information



version

Custom Defaults

Custom defaults make it possible to save the frequently-used settings on the engine.

Scanning the Save as Custom Defaults barcode can save the current settings as custom defaults. Once custom default settings are stored, they can be recovered at any time by scanning the Restore All Custom Defaults barcode.

Custom defaults are stored in the non-volatile memory. Restoring the engine to the factory defaults will not remove the custom defaults from the engine.



Save as Custom Defaults



Restore All Custom Defaults

Start off setting code

The setting code can be turned off. When the barcode reader is set to "Enter Setup" , the setup function will work when the setup code is scanned. When the barcode reader is set to "Exit Setup" , the scanner engine will scan the setup code. There will be an error tone, the setting function will not work, the default is "Enter Setup".



Enter Setup*



Exit Setup

Beep Indications

Enable or disable all sounds

Enable or disable all sounds and scan the corresponding bar code below



Enable all sounds*



Disable all sounds

Beep Volume

There are three levels of volume levels to choose from, default: Loud



Loud*



Medium



Low

Beep after Good Decode(programming Barcode)

The engine can provide a PWM output to an external driver circuit to drive a beeper after decoding a non-programming barcode. Scan the appropriate barcode below to enable or disable the emission of good decode beep. Beep type (frequency) and volume are also user programmable.



Beep after Good Decode*



Do Not Beep after Good Decode

Beep after Good Decode (Non-programming Barcode)



Beep after Good Decode*



Do Not Beep after Good Decode

Startup Beep

If startup beep is enabled, the engine will beep after being turned on.



Enable Startup Beep*



Disable Startup Beep

Illumination&aiming

Illumination

A couple of illumination options are provided to improve the lighting conditions during every image capture:

Normal: Illumination LEDs are turned on during image capture.

Always ON: Illumination LEDs keep ON after the engine is powered on.

OFF: Illumination LEDs are OFF all the time.



Normal*



Always ON



OFF

Aiming light

Aiming light helps users find the best reading distance when reading. Users can choose one of the following modes depending on the application environment.

The default is normal mode and is flashing.

Normal: The aiming light flashes during reading and disappears at other times.



*Normal

Always on: After the engine is powered on, the aiming continues to light up.



Always on

No aiming light: The aiming light does not illuminate under any circumstances.



No aiming light

Aiming light flashing setting

When the scanner aiming light is set to normal or Always on mode, the aiming light can be set to blink or not flash.

Flash: Aiming light flashes



Flashing

Not Flash: Aiming light do not flash



Not flash

Chapter2 Communication setting

Introduction

When using this barcode to communicate with different hosts, you need to set the barcode reader to the corresponding communication interface mode.

The user can set the barcode scanner function by scanning one or more setting barcodes.

Users can choose to use TTL / RS232 serial communication interface mode.

TTL/RS232 mode

The serial communication interface is a common way to connect barcode and host devices and can be used to connect host devices such as PC and POS.

When using the serial communication interface of the barcode scanner, the barcode scanner and the host device must be completely matched in the configuration parameters of the serial communication protocol to ensure the accuracy of data transmit.

Serial Default :Rate 9600bps; Data 8, Stop 1, Paity none.



TTL/RS232

Parameter	Default
Serial Communication Types	Standard TTL/RS232
Baud Rate	9600
Parity Type	None
Data Bits	8
Stop Bits	1

Chapter3 Reading Mode

Trigger Mode

The user can set the reading mode of the barcode reader according to the needs. The default state is the "Trigger Mode 1"

In this Trigger Mode 1, the barcode reader starts reading after pressing the trigger button, and the barcode reader stops reading after successfully reading or unlocking the trigger button.



Trigger Mode 1*

Set the button trigger mode 2, press the button to start scanning, the scan will not be stopped when release the button, it will be stopped when successful scan or scan more than a single read time.



Trigger Mode 2

Decode Session Timeout

This parameter is the timeout of a single decode. It can be set from 0.5 to 25.5 seconds in 0.1 second steps.

The default timeout is 3 seconds. To set a different timeout, you can scan the barcode below. Then scan the three digital setting codes in the appendix to set the required length of time. The codes less than 3 digits are filled with 0.

You can set the stable sensing time by scanning the barcode. Example:

Set 0.5 seconds, first scan the barcode below. Then scan the "0", "0" and "5" barcodes of "Appendix : digital Barcode" .

Set 10.5 seconds, first scan the barcode below. Scan the "1", "0" and "5" barcodes of "Appendix : digital Barcode" .



Decode Session Timeout

Continuous scanning mode

Set continuous mode, no trigger is required, module starts reading immediately.

Read successfully or reading time exceeds the single reading time, end reading and automatically trigger the next reading.



Continuous scanning mode

Length of scanning interval

Interval time between two readings in continuous mode. Regardless of the success or failure of the previous reading, the time will automatically advance to the next reading.

Default: 500ms, Unit: 100ms, Range: 0-9900ms

The reading interval can be set by scanning barcodes.

Example: Set 0.5ms, scan the barcode below. Rescan the bar of "0" and "5" of

"Appendix : digital Barcode"



Length of scanning interval

Timeout between Decodes(Same Barcode)

Timeout between Decodes (Same Barcode) can avoid undesired rereading of same barcode in a given period of time.

Default: 500ms, step size: 100ms, range: 0-9900ms, mainly for continuous mode and auto-sense mode.

You can set the "Timeout between Decodes(Same Barcode)". Example:

Set 0.5 seconds, scan the barcode below, then scan the "0" and "5" barcodes of the digital setup code.



Timeout between Decodes(Same Barcode)

Sense Mode

After the setting is completed, there is no need to trigger, and the barcode reader starts detecting the change of the environment before the window. After the reading is complete, it stops and is in the monitoring state waiting for the next environmental change. In this mode, clicking the trigger button can also start reading.



Sense Mode

Image Stabilization Timeout

Stable time before entering the detection environment.

Default: 500ms, Unit: 100ms, Range:0-9900ms

The stable induction time can be set by scanning the barcode.

For example:

Set 200ms, scan the barcode below. Rescan the bar of "0" and "2" of "Appendix : digital Barcode"

Set 1500ms, scan the barcode below, then scan the barcode of "1" and "5" of "Appendix : digital Barcode"



Image Stabilization Timeout

Sensitivity level setting

There are three levels of sensitivity to choose, default: high sensitivity



High sensitivity



Middle sensitivity



Low sensitivity

Chapter4 Data Editing

Introduction

After the barcode scanner is successfully decoded, the device will get a series of data, which can be numbers, English, symbols, etc. In application, we may not only need the barcode data information, or the barcode contains data information can not meet your requirement. For example, you may want to know which type of barcode you get from this string of data information or attach special data to the string data, which may not be included in the barcode data information.

Increasing these contents while making code, it is bound to increase the length of the barcode and the flexibility is not enough. It is not a good way.

At this moment, we think of artificially adding some contents before or after the barcode data information, and these added contents can be changed in real time according to the demand, and can be selectively added or masked. This is the prefix and suffix of barcode data information.

The method of adding prefixes and suffixes , can meet the requirement and need to modify the contents of the barcode information.

Note: Data editing format: <Code ID> < Custom Prefix > <barcode data> <custom suffix 1 >
<custom suffix 2> <suffix>

Code ID Setting

In the process of using the barcode reader, the user often needs to know the barcode type of the currently scanned barcode, and we can use the Code ID prefix to identify the barcode type. Code ID corresponds to the barcode type please refer to "**Appendix - Code ID**", by default does not send Code ID.



Transmit CODE ID



Not transmit Code ID*

Custom Prefix & Suffix

The first step :

According to the requirements, scan the code below



Set Custom Prefix



Set Custom Suffix 1



Set Custom Suffix2

Note: The above three barcodes can only be set one at a time, and each bar code corresponds to one character.

The second steps:

Defining the content of the prefix or Suffix

A prefix or two suffix can be attached to the scanned data for data editing. Set these values to scan a four digit (four bar code) corresponding to the ASCII value.

Example: the corresponding value of the letter A is 1065, and the number code 1065 is scanned sequentially, as shown in "Appendix - character table" and "Appendix - Digit Barcodes"

The third step:

scan the setting code below to set the desired data transmission grid.



Raw data*



Prefix+Data



Data+Suffix 1



Prefix+Data+Suffix 1



Data+Suffix 1+Suffix 2



Prefix+Data+Suffix 1+Suffix 2

Customize multiple prefixes and suffixes

You can set up multiple prefixes and suffixes as required by following steps

Multiple prefixes

1. Scanning "Setting Multiple Prefixes" Settings Code



Setting Multiple Prefixes

2. Scan the digital settings code in turn, corresponding to the ASCII value scanning a four-digit, every four will have a set of successful prompt sound.

Example: The corresponding value of letter A is 1065. Scan numeric code 1065 in sequence. See Appendix-Data Code and Appendix-Character Table for details.

3. Scan "Complete Setting Multiple Prefixes and Suffixes" Settings Code and End Settings



Complete setting multiple prefixes and suffixes

Multiple suffixes

1. Scanning "Setting Multiple Suffixes" Settings Code



Setting up multiple suffixes

2. Scan the digital settings code in turn, corresponding to the ASCII value scanning a four-digit, every four will have a set of successful prompt sound.

Example: The corresponding value of letter A is 1065. Scan numeric code 1065 in sequence. See Appendix-Data Code and Appendix-Character Table for details.

3. Scan "Complete Setting Multiple Prefixes and Suffixes" Settings Code and End Settings



Complete setting multiple prefixes and suffixes

Transfer multiple prefix and suffix settings

Scan the settings below to set the desired data transfer format.



Raw Data*



Output multiple suffixes



Output multiple prefixes



Output multiple prefixes and suffixes

Hidden character

Hide header data

Decoded data can be hidden from the header data, and can be configured to hide any length. If the length of the configuration exceeds the length of the barcode data, the whole content of the current barcode can be hidden.



Enable



Disable*

Setting Hidden Number of Header Data

Set the number of hiding bits for header data, ranging from 1 to 255. Scan the current bar code and then scan the digital settings code. For example, if 16 characters need to be hidden, then scan the digital settings code sequentially: 0, 1, 6 .



The header data hides the number of digits

Hide middle data

The decoded output data is hidden in the middle part, and any starting position and length can be configured. If the starting position of the configuration exceeds the barcode data length, the current barcode will not be hidden. If the configured length exceeds the length of the remaining barcode data, all bar code data after the start position is hidden.



Enable



Disable*

Sets the start position for hiding intermediate data

Sets the start position for hiding intermediate data, range 1-255. After scanning the current bar code, scan the number setting code, for example, to hide the data after the third character (the fourth character starts to be hidden), then scan the number setting code sequentially: 0,0,3



The middle data hides the start bit

Sets the length of the hidden intermediate data

Configure to hide the length of intermediate data, range 1-255. After scanning the current bar code, scan the number setting code again. For example, if 16 characters need to be hidden, then scan the number setting code sequentially: 0, 1, 6.



Middle data hiding length

Hide tail data

The decoded data is used for tail data hiding. Any length can be configured to hide. If the configured length exceeds the barcode data length, all contents of the current barcode can be hidden.



Enable



Disable*

Sets the tail data hiding number

Set tail data hiding number, range 1-255. After scanning the current bar code, scan the number setting code again. For example, if it needs to hide 16 characters, then scan the number setting code sequentially: 0,1,6.



Tail data hiding number of digits

Suffix setting

The end character is used to mark the end of a complete data message. The suffix of end character must be the last content of a data transmit, then there will be no additional data.

Difference between suffix of end character and customized suffix is that the contents and decoding information of the customized suffix , prefix and other contents can be

formatted, but suffix of end character can' t make it.



Add CR*



Add Tab



Add CR CR



Add CR+LF



None



Add LF LF

Note: When a module is used in a wireless gun, the wireless set the module terminator to none.

Transmit NR Message

Scan a barcode below to select whether or not to transmit a NR (Not Read) message when a barcode is not decoded.



Transmit NR Message



Do Not Transmit NR Message*

Chapter5. BarCode Parameter Settings

Introduction

Each type of barcode has its own unique properties, Through the setting code of this chapter, you can adjust the barcode reader to adapt to these property changes. The fewer types of barcodes that are enabled to enable reading, The faster the barcode reads. You can disable barcode scanners from reading barcode types that will not be used, to improve the performance of the barcode scanner.

Global setting

Enable/Disable 1D Symbologies

If the Disable 1D Symbologies feature is enabled, the engine will not be able to read any 1D barcodes.



Enable 1D Symbologies



Disable 1D Symbologies

All 2D Barcode Enable/Disable

If the Disable 2D Symbologies feature is enabled, the engine will not be able to read any 2D barcodes.



Enable 2D Symbologies



Disable 2D Symbologies

All 1D Barcode Reverse



Enable



Disable*

UPC-A

Enable/Disable UPC-A



Enable UPC-A*



Disable UPC-A

Transmit Check Digit



Transmit UPC-A Check Digit*



Not Transmit UPC-A Check Digit

UPC-A Number System



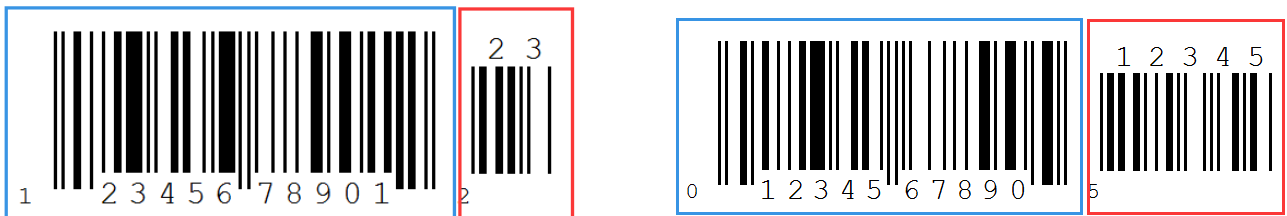
Enable UPC-A Number System *



Disable UPC-A Number System

Whether to read additional bits

Additional bits refer to 2 or 5 digit barcodes added after the normal barcode, As shown below, the left blue line box is an ordinary bar code, the right side of the red box is an additional bit. The default is to turn off extra bits.



UPC-A Add-on Code

Users can do additional setting by scanning following UPC-A code



Enable 2-Digit add-on Code



Disable 2-Digit add-on Code*



Enable 5-Digit add-on Code



Disable 5-Digit add-on Code*



Add-on Code Required



Add-on Code Not Required*

UPC-E

Enable/Disable UPC-E



Enable UPC-E*



Disable UPC-E

Transmit Check Digit



Transmit UPC-E Check Digit*



Not Transmit UPC-E Check Digit

UPC-A Number System



Enable UPC-E Number System *



Disable UPC-E Number System

Whether to read additional bits

Additional bits refer to 2 or 5 digit barcodes added after the normal barcode, As shown below, the left blue line box is an ordinary bar code, the right side of the red box is an additional bit. The default is to turn off extra bits.



UPC-E Add-on Code

Users can do additional setting by scanning following UPC-E code



Enable 2-Digit add-on Code



Disable 2-Digit add-on Code*



Enable 5-Digit add-on Code



Disable 5-Digit add-on Code*



Add-on Code Required



Add-on Code Not Required*

Extended settings

The UPC-E barcode type supports the extension settings. After opening the extension, the barcode information expands to 12 bits, and the type is converted to UPC-A, which is not extended by default.



UPC-E to UPC-A



UPC-E does not change to UPC-A*



UPC-A to EAN-13



UPC-A does not change to EAN-13 *

EAN-8

Enable/Disable EAN-8



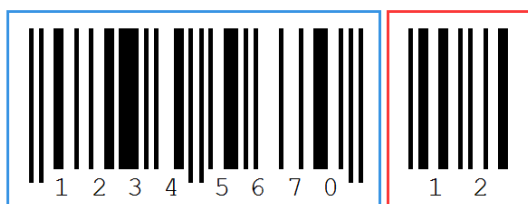
Enable EAN-8*



Disable EAN-8

Whether to read additional bits

Additional bits refer to 2 or 5 digit barcodes added after the normal barcode, as shown below, The left blue line box is an ordinary bar code, the right side of the red box is an additional bit. The default is to turn off extra bits.



EAN-8 Add-on Code

Users can do additional setting by scanning following EAN-8 code



Enable 2-Digit add-on Code



Disable 2-Digit add-on Code*



Enable 5-Digit add-on Code



Disable 5-Digit add-on Code*



Add-on Code Required



Add-on Code Not Required*

EAN-13

Enable/Disable EAN-13



Enable EAN-13*



Disable EAN-13

Whether to read additional bits

Additional bits refer to 2 or 5 digit barcodes added after the normal barcode, as shown below, the left blue box is an ordinary bar code, and the right red box is an extra bit. The default is to turn off extra bits.



EAN-13 Add-on Code

Users can do additional setting by scanning following EAN-13 code



Enable 2-Digit add-on Code



Disable 2-Digit add-on Code*



Enable 5-Digit add-on Code



Disable 5-Digit add-on Code*



Add-on Code Required



Add-on Code Not Required*

Code 128

Enable/Disable Code 128



Enable Code 128*



Disable Code 128

GS1-128

Enable/Disable GS1-128



Enable GS1-128*



Disable GS1-128

ISBT-128

Enable/Disable ISBT-128



Enable ISBT-128*



Disable ISBT-128

Code 39

Enable/Disable Code 39



Enable Code 39*



Disable Code 39

Length setting



Readable at any length

Transmit Check Digit



Transmit Check Digit



Do not transmit check Digit*

Transmit Start/Stop Character

A character "*" as a start and stop character before and after the Code 39 barcode data, you can set whether the start and stop characters are transmitted together with the barcode data after the reading is successful.



Transmit Start/Stop Character



Do not Transmit Start/Stop Character*

Enable/Disable Code 39 Full ASCII

Code 39 data can include all ASCII characters, but the barcode reader only reads some ASCII characters by default, by setting, you can turn on the function of reading full ASCII characters, default Enable all ASCII characters.



Enable Code 39 Full ASCII



Disable Code 39 Full ASCII*

Code 32

Enable/Disable Code 32



Enable Code 32



Disable Code 32*

Code 32 add the prefix letter A



Enable



Disable*

Code 93

Enable/Disable Code 93



Enable Code 93



Disable Code 93*

Code 11

Enable/Disable Code 11



Enable Code 11



Disable Code 11*

Transmit Check Digit



Transmit Check Digit



Do not transmit check Digit*

Interleaved 2 of 5

Enable/Disable Interleaved 2 of 5



Enable Interleaved 2 of 5*



Disable Interleaved 2 of 5

Length Setting

The user can set Interleaved 2 of 5 to decode within a specific length range.

For example, set the Interleaved 2 of 5 in the range of 4-20 bits to solve. Scan the following code first, and then scan the "Appendix – Digit Barcodes" 0, 4, 2, 0, change the selection or cancel an incorrect input setting, scan the "Appendix – Cancelling BarCodes" .



Interleaved 2 of 5 within a specific length
range



Interleaved 2 of 5 within any length range

Transmit Check Digit



Transmit Check Digit



Do not transmit check Digit*

Matrix 2 of 5

Enable/Disable Matrix 2 of 5



Enable Matrix 2 of 5



Disable Matrix 2 of 5*

Length Setting

The user can set Matrix 2 of 5 to decode within a specific length range.

For example, set the Matrix 2 of 5 in the range of 4-20 bits to solve. Scan the following code first, and then scan the "Appendix – Digit Barcodes" 0, 4, 2, 0, change the selection or cancel an incorrect input setting, scan the "Appendix – Cancelling BarCodes" .



Matrix 2 of 5 within a specific length range



Matrix 2 of 5 within any length range

Transmit Check Digit



Transmit Check Digit



Do not transmit check Digit*

Industrial 2 of 5

Enable/Disable Industrial 2 of 5



Enable Industrial 2 of 5



Disable Industrial 2 of 5*

Length Setting

The user can set Industrial 2 of 5 to decode within a specific length range.

For example, set the Industrial 2 of 5 in the range of 4-20 bits to solve. Scan the following code first, and then scan the "Appendix – Digit Barcodes" 0, 4, 2, 0, change the selection or cancel an incorrect input setting, scan the "Appendix – Cancelling BarCodes" .



Industrial 2 of 5 within a specific length
range



Industrial 2 of 5 within any length range

Standard 2 of 5(IATA)

Enable/Disable Standard 2 of 5



Enable Standard 2 of 5



Disable Standard 2 of 5*

Length Setting

The user can set Standard 2 of 5 to decode within a specific length range.

For example, set the standard 2 of 5 in the range of 4-20 bits to solve. Scan the following code first, and then scan the "Appendix – Digit Barcodes" 0, 4, 2, 0, change the selection or cancel an incorrect input setting, scan the "Appendix – Cancelling BarCodes" .



Standard 2 of 5 within a specific length
range



Standard 2 of 5 within any length range

Transmit Check Digit



Transmit Check Digit



Do not transmit check Digit*

Codabar (NW-7)

Enable/Disable Codabar



Enable Codabar



Disable Codabar*

Transmit Start/Stop Character



Transmit Start/Stop Character



Do not Transmit Start/Stop Character*

Transmit Start/Stop Character Format

Codabar Start/Stop Character are allowed to be one of the four characters "A" ,

"B" , "C" , "D" ; Start/Stop Character are also allowed to be one of the four

characters "T", "N", "*" and "E".



ABCD/ABCD*



ABCD/TN*E



upper case*



Lower case

MSI

Enable/Disable MSI Plessey



Enable MSI



Disable MSI *

MSI Length setting



Readable at any length

Plessey

Enable/Disable Plessey



Enable Plessey



Disable Plessey*

GS1 DataBar (RSS)

Enable/Disable RSS Limited



Enable RSS Limited



Disable RSS Limited*

ITF 14

Enable/Disable ITF14



Enable ITF 14



Disable ITF 14*

Transmit Check Digit



Transmit Check Digit



Do not transmit check Digit*

GS1 Composite Code

Enable/Disable GS1 Composite Code



Enable GS1 Composite Code



* Disable GS1 Composite Code

QR Code

Enable/Disable QR Code



Enable QR Code*



Disable QR Code

QR code multi code reading



Only read single code*



Only read double code



Read Single & Double

QR Code Reverse

QR Code Reverse is used to allow the engine to read barcodes that are inverted.



Normal*



Only Reverse



Normal & Reverse

Note: The engine shows a slight decrease in scanning speed when Image Reverse is ON.

Data Matrix

Enable/Disable Data Matrix



Enable Data Matrix



Disable Data Matrix*

Data Matrix multi code reading



Only read single code*



Only read double code



Read Single & Double

Data Matrix Reverse

Data Matrix Reverse is used to allow the engine to read barcodes that are inverted.



Normal*



Only Reverse



Normal & Reverse

Note: The engine shows a slight decrease in scanning speed when Image Reverse is ON.

PDF 417

Enable/Disable PDF 417



Enable PDF 417



Disable PDF 417*

PDF 417 multi code reading



Only read single code*



Only read double code



Read Single & Double

PDF 417 Reverse

PDF 417 Reverse is used to allow the engine to read barcodes that are inverted.



Normal*



Only Reverse



Normal &Reverse

Note: The engine shows a slight decrease in scanning speed when Image Reverse is ON.

Aztec Code

Enable/Disable Aztec Code



Enable Aztec Code



Disable Aztec Code*

MaxiCode

Enable/Disable MaxiCode



Enable MaxiCode



Disable MaxiCode*

Hanxin Code

Enable/Disable Hanxin Code



Enable Hanxin Code



Disable Hanxin Code*

Chapter6 Appendix

Appendix – Default Settings Sheet

Parameter name	Default setting	Instruction Remark
Comprehensive settings		
Setting Code Function	ON	
Setup Code Sending	OFF	
Mute settings	OFF	
volume level	Loud	
Setting Code Sound	ON	
Decoding voice	ON	
Startup Beep	ON	
Illumination	ON	Normal
Aiming	ON	flashing
Communication settings		
Communication mode	USB-KBW	
Keyboard mode	USA	
Serial Port Baud Rate	9600	
Serial port check	No check	
Serial data bits	8 bit	
Serial Port Stop Bit	1 bit	
Reading mode		
reading mode	Trigger Mode 1	
Continuous Reading Mode-Interval Time	500MS	
Continuous Reading Mode-Delay of Same Bar Code Reading	500MS	
Sense mode-image stabilization time	500MS	
Sense Mode-Sensitivity	High sensitivity	

Command Mode-Single Reading Time	3S	
Data editing		
Transfer Code ID	OFF	
Transfer custom prefixes and suffixes	OFF	
Transfer multiple prefix and suffix settings	OFF	
Hide header data	OFF	
Hiding central data	OFF	
Hide tail data	OFF	
Ending Character Settings	CR	
Decoding status prompt NR	OFF	
Character conversion	OFF	Normal
Barcode parameter settings		
1D Barcode Reverse	OFF	
UPC-A		
Enable	ON	
Transmit UPC-A Check Digit	ON	
UPC-A Number System	ON	
Enable 2-Digit add-on Code	OFF	
Enable 5-Digit add-on Code	OFF	
2-Digit Add-on Code Required	OFF	
5-Digit Add-on Code Required	OFF	
UPC-E		
Enable	ON	
Transmit UPC-E Check Digit	ON	
UPC-E Number System	ON	
Enable 2-Digit add-on Code	OFF	
Enable 5-Digit add-on Code	OFF	
2-Digit Add-on Code Required	OFF	

5-Digit Add-on Code Required	OFF
EAN-8	
Enable	ON
Enable 2-Digit add-on Code	OFF
Enable 5-Digit add-on Code	OFF
2-Digit Add-on Code Required	OFF
5-Digit Add-on Code Required	OFF
EAN-13	
Enable	ON
Enable 2-Digit add-on Code	OFF
Enable 5-Digit add-on Code	OFF
2-Digit Add-on Code Required	OFF
5-Digit Add-on Code Required	OFF
Code 128	
Enable	ON
GS1-128	
Enable	ON
ISBT-128	
Enable	ON
Code 39	
Enable	ON
Transmit Check Digit	OFF
Transmit Start/Stop Character	OFF
Enable Code 39 Full ASCII	OFF
Code 32	
Enable	OFF
Code 32 add the prefix letter A	OFF
Code 93	
Enable	OFF
Code 11	

Enable	OFF
Check	OFF
Interleaved 2 of 5	
Enable	ON
Transmit Check Digit	OFF
Matrix 2 of 5	
Enable	OFF
Transmit Check Digit	OFF
Industrial 2 of 5	
Enable	OFF
Standard 2 of 5	
Enable	OFF
Transmit Check Digit	OFF
Codabar	
Enable	OFF
MSI	
Enable	OFF
Plessey	
Enable	OFF
GS1 Databar	
Enable	OFF
ITF 14	
Enable	OFF
GS1 Composite Code	
Enable	OFF
QR Code	
Enable	ON
QR code multi code reading	Single Code
QR Code Reverse	Normal
Data Matrix Code	

Enable	OFF
Data Matrix reading	Single Code
Data Matrix Reverse	Normal
PDF 417 Code	
Enable	OFF
PDF 417 reading	Single Code
PDF 417 Reverse	Normal
Aztec Code	
Enable	OFF
MaxiCode	
Enable	OFF
Hanxin Code	
Enable	OFF

Appendix -Code ID

No.	Barcode type	Code ID Code
1	UPC-A,UPC-E,EAN-8,EAN-13	A
2	CODE 39, Code 32	B
3	Codabar	C
4	Code 128,ISBT 128	D
5	Code 93	E
6	Interleaved 2 of 5	F
7	Industrial 2 of 5	G
8	Code 11	H
9	MSI ,Plessey	J
10	GS1-128 (UCC/EAN-128)	K
11	Bookland EAN, Bookland EAN/ISBN	L
12	GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded, RSS	R
13	Matrix 2 of 5	V
14	PDF 417	r
15	DataMatrix	u
16	QR Code	q
17	Aztec Code	a
18	MaxiCode	x
19	HanXin Code	c

Appendix - Digit Barcodes

The parameter requires the exact value Scan the appropriate digital setting code.



0



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9

Appendix - Cancelling BarCodes

Change the selection or cancel an incorrect input and scan the bar code below.



Cancel Barcodes

Appendix - Character Table

Scanning value	character	Scanning value	character
1000	Null	1016	F11
1001	Keypad Enter	1017	Home
1002	Caps lock	1018	Print Screen
1003	Right Arrow	1019	Delete
1004	Up Arrow	1020	tab+shift
1005	Null	1021	F12
1006	Null	1022	F1
1007	Enter	1023	F2
1008	Left Arrow	1024	F3
1009	Horizontal Tab	1025	F4
1010	Down Arrow	1026	F5
1011	Vertical Tab	1027	F6
1012	Backspace	1028	F7
1013	Enter	1029	F8
1014	Insert	1030	F9
1015	Esc	1031	F10

Scanning value	character	Scanning value	character
1032	Space	1048	0
1033	!	1049	1
1034	"	1050	2
1035	#	1051	3
1036	\$	1052	4
1037	%	1053	5
1038	&	1054	6
1039	'	1055	7
1040	(1056	8
1041)	1057	9
1042	*	1058	:
1043	+	1059	;
1044	,	1060	<
1045	-	1061	=
1046	.	1062	>
1047	/	1063	?

Scanning value	character	Scanning value	character
1064	@	1080	P
1065	A	1081	Q
1066	B	1082	R
1067	C	1083	S
1068	D	1084	T
1069	E	1085	U
1070	F	1086	V
1071	G	1087	W
1072	H	1088	X
1073	I	1089	Y
1074	J	1090	Z
1075	K	1091	[
1076	L	1092	\
1077	M	1093]
1078	N	1094	^
1079	O	1095	-

Scanning value	character	Scanning value	character
1096	'	1112	p
1097	a	1113	q
1098	b	1114	r
1099	c	1115	s
1100	d	1116	t
1101	e	1117	u
1102	f	1118	v
1103	g	1119	w
1104	h	1120	x
1105	i	1121	y
1106	j	1122	z
1107	k	1123	{
1108	l	1124	
1109	m	1125	}
1110	n	1126	~
1111	o		

Suitable to model

DE2110, DS6500, DS6600, DI9030-2D, DI9060-2D, DI9100-2D