2D Wireless Barcode Scanner
PROGRAMING MANUAL

SC440

3nStar
ONE BRAND, ONE SOLUTION

Content

Enable/Disable Configuration barcode....4
Version No....4
Factory Default Settings....5
Product User Configuration....5
Data Interface....6
USB Keyboard Layout....7
- Control Character Escaping....7
- Control Character Output....7
- CR/LF Character Processing(USB Keyboard)....8
- USB Keyboard Transfer Speed....9
- Convert Case....10
- Keyboard Layouts....11
- Virtual Keyboard....16
- Selection Of Host Operating System In Virtual Keyboard Mode....18
- Barcode Encoding Configuration....18
- Output Encoding Format....19
- Invoice Function....18
  - Switch On/Off Invoice Function....18

RS232 Interface Configuration....20
- Baud Rate....20
- Data Bit, Stop Bit, Parity Bit....21

GS Control Charactor Replacement....23
Scan Mode....25
- Auto Sense Mode Off....25
- Auto Sense Mode On....25
- Repeat Barcode Detection....25

Light Configuration....26
- LED Indicator Light....26

Buzzer Configuration....27
- Volume Setting....27
- Prompt Tone Setting....27
- Successfully Decode Prompt Tone Setting....30
- Successfully Decode Prompt Audio Frequency Setting (Tone)....30
- Successfully Decode Prompt Duration Setting....30
- Error Warning Prompt Frequency Setting (Tone)....31

Prefix and Suffix Configuration....30
- Start Character....30
- Terminal Character....30
- Custom Prefix....31
  - Output Options....31
  - Edit....32
- Custom Suffix....32
  - Output Options....32
  - Edit....33
- Code ID....33

Output Options..... 33
Edit..... 34
AIM ID..... 34
Barcode Prefix and Suffix Order Selection..... 35
Prefix..... 35
Suffix..... 35
Inverse Color Barcode Selection..... 36
Barcode Type Selection..... 36
Enable/Disable All Barcodes..... 36
Enable/Disable All 1D barcodes..... 37
Enable/Disable All 2D barcodes..... 38
Codabar..... 39
Codabar Start/Terminal Character..... 39
Set Length Range for Codabar..... 40
Code 39..... 40
Code 39 Parity Check..... 41
Code 39 Full ASCII..... 41
Set Length Range for Code 39..... 42
Code 32(Enable code39 first)..... 42
Interleaved 2 of 5（ITF25） 43
Disable..... 43
Interleaved 2 of 5（ITF25）Check Bit..... 43
Interleaved 2 of 5（ITF25）Length Selection..... 43
Set Length Range for Interleaved 2 of 5..... 45
Industrial 2 of 5..... 46
Set Length Range for Industrial 2 of 5..... 46
Matrix 2 of 5（4-24bit） 46
Set Length Range for Matrix 2 of 5..... 47
Code 93..... 47
Set Length Range for Code 93..... 48
Code 11..... 49
Code 11 Parity Check Output..... 49
Code 11 Parity Selection..... 50
Set Length Range for Code 11..... 50
Code 128..... 51
GS1-128..... 51
Set Length Range for GS1-128..... 51
UPC-A..... 52
UPC-A Check Bit..... 52
UPC-A Convert to EAN-13..... 53
UPC-E..... 53
UPC-E Check bit..... 54
UPC-E Expand to UPC-A..... 54
EAN/JAN-8..... 54
EAN-8 Convert to EAN-13..... 55
EAN/JAN-13..... 55
Disable..... 55

UPC/EAN/JAN Add on code....55
EAN13Convert to ISBN....56
EAN13Convert to ISSN....57
GS1 DataBar（RSS14）....57
GS1 DataBar Limited....58
GS1 DataBar Expanded....58
PDF417....59
Micro PDF417....59
QR Code....60
QR Code URL Link....60
Micro QR....61
Data Matrix....61
Aztec Code....61
Appendix....62
Data and edit barcode....62
Barcode type ID Table....66
AIM ID Table....66
Visible Charactor ASCII Table....68
Control Charactor Set (USB keyboard mode)....69
Control Charactor Set (RS232 ,USB,VCP)....70
Configuration of instructions and examples....71
Example for user-defined prefix and suffix:....71
Example for barcode length range....71
Example for USB keyboard transmite speed configuration....73

Connection Method

Put scanner connect the dedicated joint, on the other side plug into PC port.
If the barcode configuration was turned off, please turn on the barcode configuration .

Enable/Disable Configuration barcode

Scanner can set up when enabled barcode function.In contrast, the scanner can’t set up if disabled. Need to switch on and set up again.

Enable Configuration Function (Default)

Disable Configuration Function

Version No.

Version Number

Factory Default Settings

Scanning the below barcode can restore the scanner the factory default.

Restore Factory Default Configuration

Product User Configuration

Scanning the below barcode can save current parameters as user's configuration.

Save

Scanning the below barcode can restore for saved user's configuration.

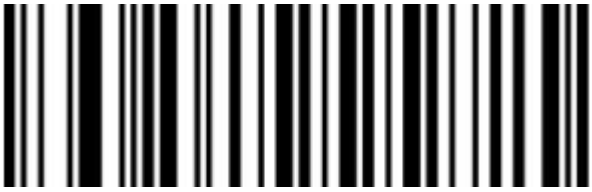
Restore User Configuration

Data Interface

This scanner support USB-KBW, RS232, USB Virtual Com.
Scanning the below barcode is USB-KBW mode.

USB-KBW (Default)

Scanning the below barcode is RS232 mode.



RS232

Scanning the below barcode is USB Virtual Com mode(driver is needed).

USB Virtual Com

USB Keyboard Layout

Control Character Escaping

Enable

Disable (Default)

Control Character Output

Disable

Enable

CR/LF character processing(USB Keyboard)

Only 0A(LF) line feed

Only 0D (CR) line feed (Default)

All convert to 0A (LF)/0D(CR)

USB Keyboard Transfer Speed

Used for set up scanning speed under USB keyboard mode. If PC in a lower function,please choose low scanning speed to make sure its accuracy.

Low（Default）

Middle

High

Custom Sending Speed（2ms~50ms）

Convert Case

Original data (Default)

Case Inversion

All Convert to Upper Case

All Convert to Lower case

Keyboard Layouts

English (United States) (Default)

French (France)

Italian (Italy)

Italian 142 (Italy)

German (Germany)

Spanish (Spain)

Spanish (Latin America)

Finnish

Japanese

Russian (MS)

Russian (typewriter)

Arabic (101)

Irish

Polish (214)

Polish (Programmers)

Dutch (Netherlands)

Czech (QWERTZ)

Portuguese (Portugal)

Portuguese (Brazil)

Swedish (Sweden)

Turkish Q

Turkish F

Greek (MS)

French (Belgium)

English (UK)

Virtual Keyboard

Mode 1: Do not support output the characters between 0x20 to 0xFF by using the virtual keyboard, under the current keyboard layout.
The characters between 0x00~0x1F are output according to the definition of control characters (Refer to Appendix)

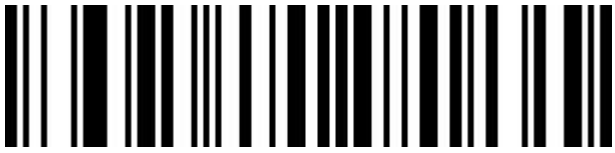
Model 2: Support output the characters between 0x20 to 0xFF by using the virtual keyboard.
The characters between 0x00~0x1F are output according to the definition of control characters (Refer to Appendix)

Model 3: Support output the characters between 0x00 ~ 0xFF by using the virtual keyboard

Turn Off (Default)

Turn On (Mode 1)

Turn On (Mode 2)



Turn On (Mode 3)

Selection Of Host Operating System In Virtual Keyboard Mode

WINDOWS (Default)

MAC OS

LINUX

Barcode Encoding Configuration

In a normal situation , the barcode encoding was identified accurately.
Please use manual to set up if encountered peculiar characters, that make sure output barcode content correctly.

Auto(Default)

KOI8-R code

Output Encoding Format

To output correctly in the specified encoding format.
For example: It's GBK code when output in the Notepad /Excel; It's UNICODE when output in the Word.
When output is English/Latin-1 encode format, the output mode will affected by the function switch of virtual keyboard. When output is GBK/UNICODE, the output mode will compelled to virtual keyboard.

English/Latin-1 (Default)

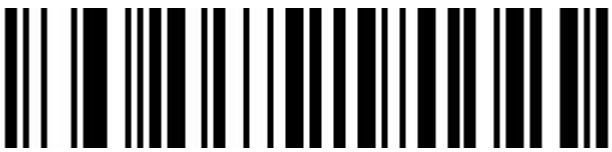
GBK (Notepad/excel)

UNICODE (Word)

Invoice Function

Switch On/Off Invoice Function

OFF (Default)

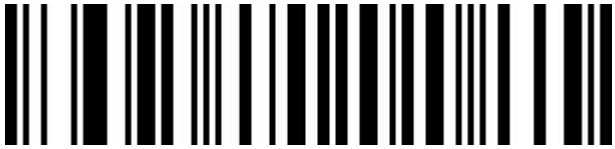


On

To ensure the correct output of the invoice content, when switch on the invoice code function, please configure the Chinese character output mode to GBK code (Notepad/Excel), and at the same time switch off like Code ID, User-defined prefix/suffix, and starting character to change original barcode content function .

Invoice Type

VAT Invoice (Special)（Default）



VAT Invoice (Normal)

RS232 Interface Configuration

Baud Rate

4800

9600 (Default)

19200

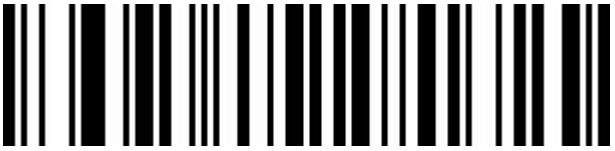
38400

57600

115200

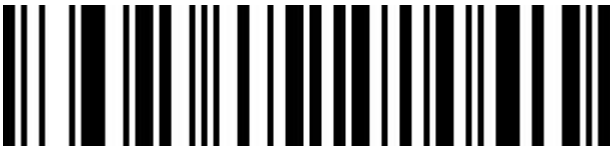
Data bit, Stop bit, Parity bit

7 Bit,1 Stop Bit, No Parity



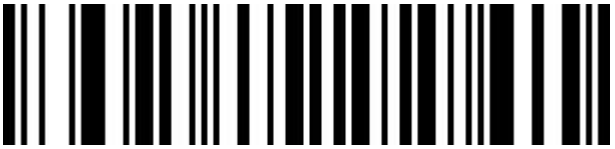
7 Bit,1 Stop Bit, Even Parity

7 Bit,1 Stop Bit, Odd Parity



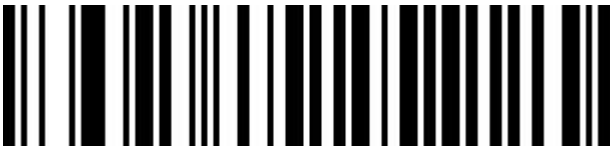
7 Bit,2 Stop Bit, No Parity

7 Bit,2 Stop Bit, Even Parity



7 Bit,2 Stop Bit, Odd Parity

8 Bit,1 Stop Bit, No Parity(Default)



8 Bit,1 Stop Bit, Even Parity

8 Bit,1 Stop Bit, Odd Parity

8 Bit,2 stop Bit, No Parity

8 Bit,2 Stop Bit, Even Parity

8 Bit,2 Stop Bit, Odd Parity

GS Control Character Replacement

Do Not Replace (Default)

When output character is “Ç”, please first to scan” Virtual keyboard (Mode one or Mode two or Mode three)”.

Replace Ç

Replace |

Replace ^]

Replace]

Replace <GS>

Scan Mode

Auto Sense Mode off

Decoding by pulling the trigger of the scanner when auto sense mode is off. It's default mode.

Off (Default)

Auto Sense Mode on

The scanner can sense barcode for decoding automatically.

On

Repeat Barcode Detection

Use for decode same barcode of interval time, it will decode only one time if not exceeded set time.

500ms

750ms (Default)

1s

2s

Light Configuration

LED Indicator Light

Off

On (Default)

Buzzer Configuration

Volume Setting

Low

High(Default)

Prompt Tone Setting

Off

On (Default)

Successfully Decode Prompt Tone Setting

Off

On (Default)

Successfully Decode Prompt Audio Frequency Setting (Tone)

1(Default)

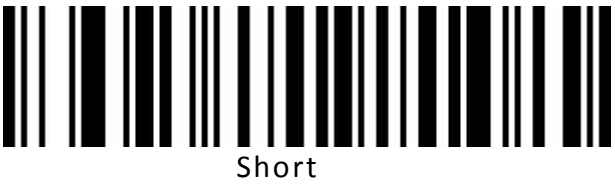
2

3

Custom

Successfully Decode Prompt Duration Setting

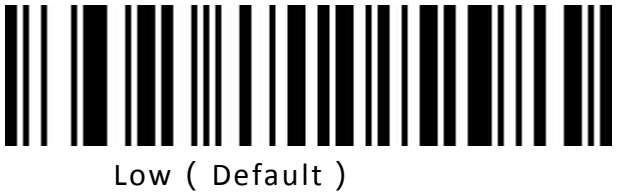
Long (Default)



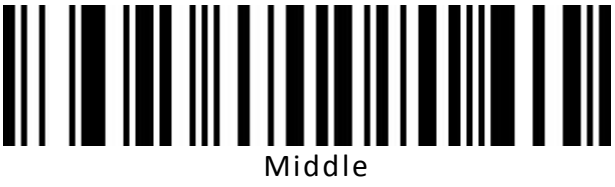
Short

Error Warning Prompt Frequency Setting (Tone)

There will be four consecutive error warning tones if data transmission fails, and a single error warning tone when the unrecognized configuration code is scanned.



Low (Default)



Middle

High

Prefix and Suffix Configuration

Start Character

None（Default）

STX

Terminal Character

None

Enter

LF

CR/LF (Default)

TAB

ETX

Custom Prefix

Output Options

On

Off (Default)

Edit

Clear All Custom Prefix

Set Custom Prefix

(Please set up ID Table ,Data, and edit barcode refer to the appendix after scanning.)

Custom Suffix

Output Options

On

Off（Default）

Edit

Clear All Custom Suffix

Set Custom Suffix

(Please set up ID Table ,Data, and edit barcode refer to the appendix after scanning.)

Code ID

Output Options

Off (Default)

Before Switch on

After Switch On

Edit

Set Custom Prefix

(Please set up ID Table ,Data, and edit barcode refer to the appendix after scanning.)

Clear All Custom Prefix

AIM ID

Off (Default)

Before Switch On

After Switch On

Barcode Prefix And Suffix Order Selection

Prefix

Start Character+CODE ID+AIM ID+Custom Prefix （Default）

Start Character+ Custom Prefix + CODE ID+AIM ID

Suffix

Custom Suffix+CODE ID+AIM ID+Terminal Character (Default)

CODE ID+AIM ID+Custom Suffix+Terminal Character

Inverse color barcode selection

（Only 1D/DataMatrix/Aztec）

Normal Color

Inverse Color

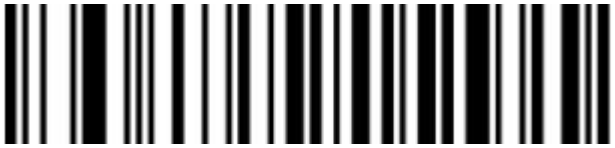
Both (Normal/Inverse)

Barcode Type Selection

Enable/Disable All barcodes

Enable all barcodes will low down decoding speed. So, we suggest you switch on scanner when needed. (Default is switch on state)

Enable All



Disable All

Enable/Disable All 1D barcodes

Enable All

Disable All

Enable/Disable All 2D barcodes

Enable All

Disable All

Codabar

Enable

Disable

Codabar Start/Terminal Character

Not Send Codabar Start/Terminal Character (Default)

Send Codabar Start/Terminal Character

Set Length Range For Codabar

Minimum Length (0~50bit)

Maximum Length (0~50bit)

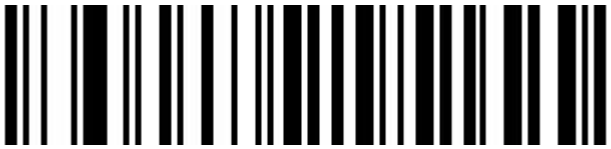
Code 39

Enable

Disable

Code 39 Parity Check

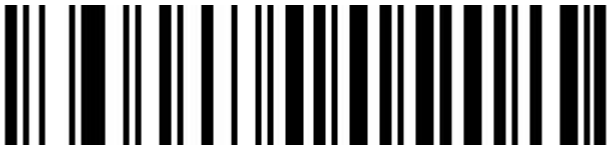
Disable（Default）



Enable But Not Transfer

Enable & Transfer

Code 39 Full ASCII



Enable

Disable（Default）

Set Length Range For Code 39

Minimum Length (0~50bit)

Maximum (0~50bit)

Code 32(Enable code39 first)

Enable

Disable

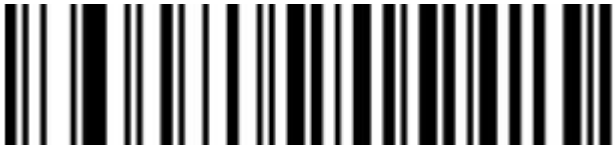
Code 32 Prefix

Enable

Disable

Interleaved 2 of 5（ ITF25 ）

Enable



Disable

Interleaved 2 of 5（ITF25）Check Bit

Disable Check Bit (Default)

Enable Check and Not Send Check Bit

Enable Check & Send Check Bit

Interleaved 2 of 5（ITF25）Length Selection

Random Length（ 6-50bit ）（ Default ）

6 Bit

8 Bit

10 Bit

12 Bit

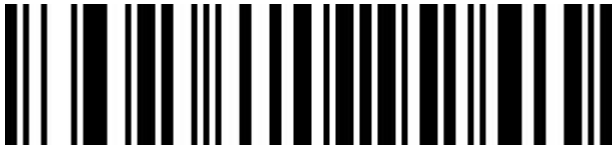
14 Bit

16 Bit

18 Bit

20 Bit

22 Bit



24 Bit

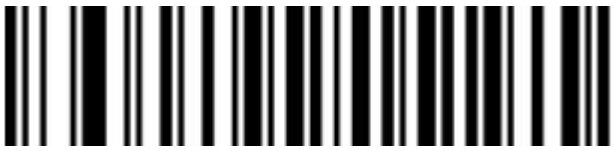
Set Length Range for Interleaved 2 of 5

Minimum （0~50bit）

Maximum（0~50bit）

Industrial 2 of 5

Enable



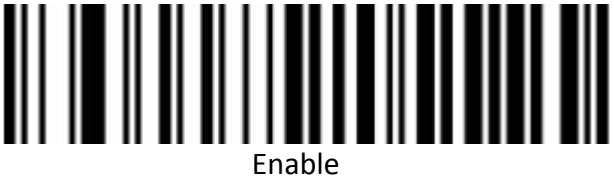
Disable

Set Length Range for Industrial 2 of 5

Minimum（0~50bit）

Maximum（0~50bit）

Matrix 2 of 5（4-24bit）



Enable

Disable

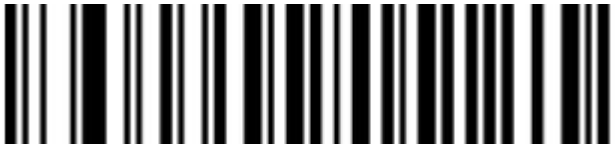
Set Length Range for Matrix 2 of 5

Minimum（0~50bit）

Maximum（0~50bit）

Code 93

Enable



Disable

Set Length Range for Code 93

Minimum (0~50bit)

Maximum (0~50bit)

Code 11

Enable

Disable (Default)

Code 11 Parity Check Output

Enable

Disable (Default)

Code 11 Parity Selection

Disable（Default）

1 Bit

2 Bit

Set Length Range for Code 11

Minimum（0~50bit）

Maximum（0~50bit）

Code 128

Enable

Disable

GS1-128

Enable

Disable

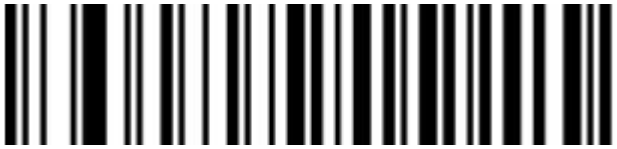
Set Length Range for CODE-128

Minimum (0~50bit)

Maximum (0~50bit)

UPC-A

Enable



Disable

UPC-A Check Bit

Send UPC-A Check Bit (Default)

Not send UPC-A Check Bit

UPC-A Convert to EAN-13

Enable UPC-A convert to EAN-13

Disable UPC-A convert to EAN-13(Default)

UPC-E

Enable

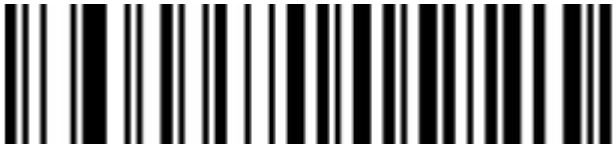
Disable

UPC-E Check Bit

Send UPC-E Check Bit (Default)

Not send UPC-E Check bit

UPC-E Expand to UPC-A



Enable

Disable (Default)

EAN/JAN-8

Enable

Disable

EAN-8 Convert to EAN-13

Disable EAN-8 convert to EAN-13

Enable EAN-8 convert to EAN-13

EAN/JAN-13

Enable

Disable

UPC/EAN/JAN Add on code

Ignore UPC/EAN/JAN (Default)

Decode UPC/EAN/JAN

Custom UPC/EAN/JANA add on code

EAN13 Convert to ISBN

Enable

Disable (Default)

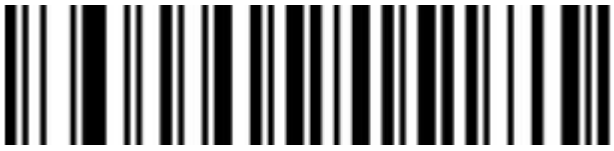
EAN13 Convert to ISSN

Enable

Disable（Default）

GS1 DataBar（RSS14）

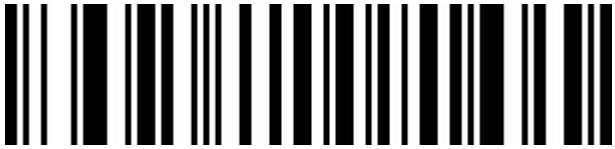
Enable



Disable

GS1 DataBar Limited

Enable



Disable

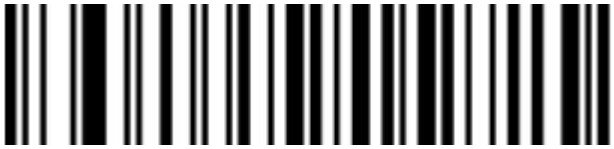
GS1 DataBar Expanded

Enable

Disable

PDF417

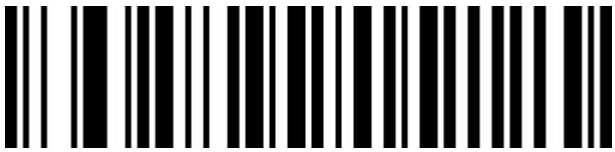
Enable



Disable

Micro PDF417

Enable



Disable

QR Code

Enable

Disable

QR Code URL Link

Disable

Enable

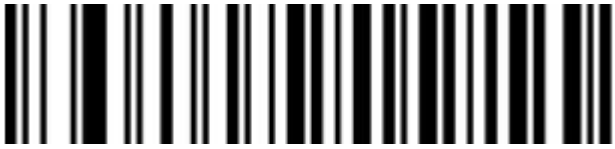
Micro QR

Enable

Disable

Data Matrix

Enable



Disable

Aztec Code

Enable

Disable

Appendix

Data and Edit barcode

0

1

2

3

4

5

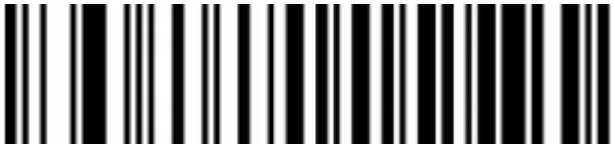
6

7

8

9

A



B

C

D

E

F

Cancel current setting

Cancel a string of data from previous read

Cancel the data from previous read

Save

Barcode type ID Table

Code type	HEX	CODE ID(Default)
All codes	99	
Codabar	61	a
Code128	6A	j
Code32	3C	<
Code93	69	i
Code39	62	b
Code11	48	H
EAN-13	64	d
EAN-8	64	d
GS1 DataBar	52	R
GS1-128 (EAN-128)	6A	j
2 of 5		
Interleaved 2 of 5	65	e
Matrix 2 of 5	76	v
Industry 2 of 5/IATA	44	D
UPC-A	63	c
UPC-E	63	c
ISBN	42	B
ISSN	6E	n
MSI	6D	m
Aztec Code	7A	z
DataMatrix	75	u
PDF417	72	r
Micro PDF417	53	S
QR Code	51	Q
Micro QR Code	51	Q

AIM ID Table

Code type	AIM ID	Description
Codabar	]Fm	m：0~1
Code128	]C0	m：0，1，2，4
Code32	]A0	
Code93	]G0	
Code39	]Am	m：0，1，3，4，5，7
Code11	]Hm	m：0，1，3，8，9
EAN-13 / EAN-8	]Em	m：0，1，3，4
GS1 DataBar	]e0	
GS1-128 (EAN-128)	]C1	
Interleaved 2 of 5	]Im	m：0，1，3
Matrix 2 of 5	]X0	
Industry 2 of 5	]S0	
UPC-A/ UPC-E	]Em	m：0，3
ISBN	]X0	
ISSN	]X0	
Aztec Code	]z0	
DataMatrix	]dm	m: 0~6
PDF417 / Micro PDF417	]Lm	m: 0~5
QR Code / Micro QR Code	]Qm	m: 0~6

Visible Character ASCII Table

Decimal	*Hexadecimal*	Character	Decimal	*Hexadectimal*	Character	Decimal	*Hexadecimal*	*Character*
32	*20*	*<SPACE>*	*64*	*40*	*@*	*96*	*60*	*`*
33	*21*	*!*	*65*	*41*	*A*	*97*	*61*	*a*
34	*22*	*“*	*66*	*42*	*B*	*98*	*62*	*b*
35	*23*	*#*	*67*	*43*	*C*	*99*	*63*	*c*
36	*24*	*$*	*68*	*44*	*D*	*100*	*64*	*d*
37	*25*	*%*	*69*	*45*	*E*	*101*	*65*	*e*
38	*26*	*&*	*70*	*46*	*F*	*102*	*66*	*f*
39	*27*	*‘*	*71*	*47*	*G*	*103*	*67*	*g*
40	*28*	*(*	*72*	*48*	*H*	*104*	*68*	*h*
41	*29*	*)*	*73*	*49*	*I*	*105*	*69*	*i*
42	*2A*	***	*74*	*4A*	*J*	*106*	*6A*	*j*
43	*2B*	*+*	*75*	*4B*	*K*	*107*	*6B*	*k*
44	*2C*	*,*	*76*	*4C*	*L*	*108*	*6C*	*l*
45	*2D*	*-*	*77*	*4D*	*M*	*109*	*6D*	*m*
46	*2E*	*.*	*78*	*4E*	*N*	*110*	*6E*	*n*
47	*2F*	*/*	*79*	*4F*	*O*	*111*	*6F*	*o*
48	*30*	*0*	*80*	*50*	*P*	*112*	*70*	*p*
49	*31*	*1*	*81*	*51*	*Q*	*113*	*71*	*q*
50	*32*	*2*	*82*	*52*	*R*	*114*	*72*	*r*
51	*33*	*3*	*83*	*53*	*S*	*115*	*73*	*s*
52	*34*	*4*	*84*	*54*	*T*	*116*	*74*	*s*
53	*35*	*5*	*85*	*55*	*U*	*117*	*75*	*u*
54	*36*	*6*	*86*	*56*	*V*	*118*	*76*	*v*
55	*37*	*7*	*87*	*57*	*W*	*119*	*77*	*w*
56	*38*	*8*	*88*	*58*	*X*	*120*	*78*	*x*
57	*39*	*9*	*89*	*59*	*Y*	*121*	*79*	*y*
58	*3A*	*:*	*90*	*5A*	*Z*	*122*	*7A*	*z*
59	*3B*	*;*	*91*	*5B*	*[*	*123*	*7B*	*{*
60	*3C*	*<*	*92*	*5C*	**	*124*	*7C*	*|*
61	*3D*	*=*	*93*	*5D*	*]*	*125*	*7D*	*}*
62	*3E*	*>*	*94*	*5E*	*^*	*126*	*7E*	*~*
63	*3F*	*?*	*95*	*5F*	*_*			

Control Character Set (USB keyboard mode)

Decimal	*Hexadecimal*	*Corresponding key value (disable CODE ID)*	Corresponding key value (enable CODE ID)
0	00	reserve	Ctrl+@
1	01	Insert	Ctrl+A
2	02	Home	Ctrl+B
3	03	End	Ctrl+C
4	04	Delete	Ctrl+D
5	05	PageUp	Ctrl+E
6	06	PageDown	Ctrl+F
7	07	ESC	Ctrl+G
8	08	Backspace	Ctrl+H
9	09	Tab	Ctrl+I
10	0A	Enter （The configuration of CRLF processing decide how it express）	Ctrl+J
11	0B	Caps Lock	Ctrl+K
12	0C	Print Screen	Ctrl+L
13	0D	Enter （The configuration of CRLF processing decide how it express）	Ctrl+M
14	0E	Scroll Lock	Ctrl+N
15	0F	Pause/Break	Ctrl+O
16	10	F11	Ctrl+P
17	11	Direction key ↑	Ctrl+Q
18	12	Direction key ↓	Ctrl+R
19	13	Direction key ←	Ctrl+S
20	14	Direction key →	Ctrl+T
21	15	F12	Ctrl+U
22	16	F1	Ctrl+V
23	17	F2	Ctrl+W
24	18	F3	Ctrl+X
25	19	F4	Ctrl+Y
26	1A	F5	Ctrl+Z
27	1B	F6	Ctrl+[
28	1C	F7	Ctrl+\
29	1D	F8	Ctrl+]
30	1E	F9	Ctrl+^
31	1F	F10	Ctrl+_

Control Character Set (RS232 ,USB,VCP)

Decimal	Hexadecimal	Character
0	00	NUL
1	01	SOH
2	02	STX
3	03	ETX
4	04	EOT
5	05	ENQ
6	06	ACK
7	07	BEL
8	08	BS
9	09	HT
10	0A	LF
11	0B	VT
12	0C	FF
13	0D	CR
14	0E	SO
15	0F	SI
16	10	DLE
17	11	DC1
18	12	DC2
19	13	DC3
20	14	DC4
21	15	NAK
22	16	SYN
23	17	ETB
24	18	CAN
25	19	EM
26	1A	SUB
27	1B	ESC
28	1C	FS
29	1D	GS
30	1E	RS
31	1F	US

Configuration of instructions and examples

Example for user-defined prefix and suffix:

You can edit 10 characters as prefix or suffix. (In order to make sure the prefix and suffix can output normally, please enable user-defined prefix or suffix first)

Example 1.1:

Set” XYZ” as prefix on all codes
Before set up , please search HEX value for all codes is ”99” (Appendix: barcode type ID Table); find “X””Y””Z” HEX value is “58””59””5A” (Appendix:Visible Character ASCII Table)

Step: Set “User-defined Prefix”; Set “ 9””9””5””8””5””9””5””A” (Appendix: data and edit barcode); Set”Save”.

If you want to revise the scanned barcode before save, please set up “Cancel the data from previous read” or”Cancel a string of data from previous read” to reset. If you want to give up setting scan , then scan” Cancel current setting”.

Example 1.2:

Set ”R” as prefix on QR
Before set up, please search HEX value for QR code is “51”(Appendix: barcode type ID Table); find”R” HEX value is “52” (Appendix:Visible Character ASCII Table)

Step: Set “ Custom prefix”; Set”5””1””5””2” (Appendix: data and edit barcode); Set” Save”.

Example 1.3:
Cancel Custom prefix in QR code

Step: Set” Custom prefix”; Set”5””1”; Set” Save”
Note: If set up prefix on all QR codes, it will default all QR codes prefix after set up.
In contrast, if cancel all prefix / suffix on barcodes, please set “ Clear All Custom Prefix” and “Clear All Custom Suffix”.

Example for barcode length range configuration

Please sure it not bigger than current maximum length range when set up minimum length. Otherwise, it will show error. In the same way, must be make sure it’s not smaller than current minimum length range when set up maximum length.

Example 2.1:

Set Code 128 length range is 4-12bit

Step: Set ”Code 128 Minimum (0~50bit) ”; Set”4”; Set “Save”
Set ”Code 128 Maximum (0+-50bit)”; Set”1””2”; Set ”Save”

Example 2.2:

Set Interleaved 2 of 5 length is 14bit

It can set up by “ITF25 14bit”, through barcode length range of Maximum /Minimum to set,too.

Step: Set” Interleave 2 of 5 Minimum (0~50bit) ”; Set”1””4”;Set”Save”
Set” Interleave 2 of 5 Maximum (0+50bit)”; Set”1””4”; Set”Save”

Example 2.3:

Set Code 39 length is random length

Step: Set” Code 39 Minimum (0~50bit) ”; Set”0” ; Set”Save”

Set”Code 39 Maximum (0+50bit)”; Set”0”; Set ”Save”

Example for USB keyboard transmit speed configuration

If PC in a lower function, it will appear error status. Need to set up a slow scanning speed with customized under USB keyboard mode. Such as: 50ms
Step: Set”Custom Sending Speed”; Set”5””0”;Set”Save”

Warning Tone

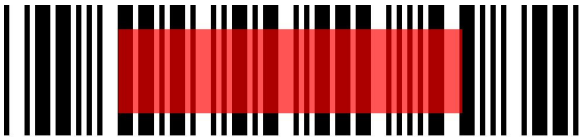
It will appear error warning for 4 times in a continue while transfer failure barcode. Please check if it’s normal work when appear this situation.

Read Skills

To get a good reading performance,a beam of aim light from scanner should be aimed at the centre of barcode , support to aim in any directions for read convenient,too.

More nearly barcode, the beam of aim light is smaller; More further barcode, the beam of aim light bigger. For reading barcode correctly,if barcode small, the scanner should be close to barcode, if barcode big, the scanner should be farther to barcode.

If the barcode is highly reflective (for example: coated surface), please adjust the scanner angle to read it successfully.



Safety

Please not direct aim eye when the scanner has a strong ray of light, to avoid causing any hurt or unwell.