Neo x100/ x100Pro

Manual

Catalogue

1:Start

About user manual

This user's manual includes code system settings, function settings (including lighting, keyboard type and factory settings) and interface settings. If you need to change the function you need, scan the configuration according to the configuration code below. All bands (*) are factory default values.

Restore original configuration

(Recall Default)

(Read the Version Number)

Interface mode initialization

Identify as USB keyboard type, scan "USB keyboard" barcode.

In the environment of application software requiring serial port, USB can be identified as USB com type, which requires the user to install the driver.

(USB Keyboard)

USB COM

2:Function mode setting

About function mode setting

This chapter can configure the function mode of the device, including working mode (such as image whitening), aimer setting, lighting configuration, LED indicator setting and horn setting. You only need to scan the corresponding configuration code in turn according to the requirements.

Woking mode

7E9AA2

***Manual trigger mode**

7E9AA0

Auto scan mode

The sensitivity of auto scan mode is 15 levels, 1 is the highest and 15 is the lowest

B67A61

B67A62

B67A63

B67A64

Auto scan mode same barcode interval time setting

50ms

100ms

150ms

200ms


7EFD65

250ms


7EFD66

300ms

Barcode on / off


FFFEFD

open all barcodes


FFFEFC

close all barcodes


FFFEFB

open all 1D barcodes


FFFEFA

close all 1D barcodes


FFFEF9

open all 2D barcodes


FFFEF8

close all 2D barcodes

Image whitening

B677A1

Image whitening

B677A0

normal image barcode

light setting

B66771

***Aimer**

B66770

Aimer

B66781

***Light**

B66780

Light

B66890

LED indicator is normal

B66891

LED indicator reverse

LED indicator always off

The indicator light is always on

sound setting

Turn on the sound

sound off

Beeper duration

normal

short

2.7KHz

1.6KHz

7EB9B5

2.0KHz

7EB9B4

2.4KHz

7EB9B3

3.1KHz

7EB9B2

3.5KHz

7EB9B11

4.2KHz

7EB9B0

silence

Sleep settings

ADBE610

sleep after 10s

ADBE6100

After 100s will sleep

Three level lighting setting

ADC960

first level


ADC961

second level


ADC962

third level

Code reading timeout setting


B6AE620

30s


B6AE640

60s


B6AE680

120s


B6AE6120

180s


B6AE6160

240s


B6AE6200

240s

Interface setting

RS232 interface


FFBFFF

RS232 Baud rate


7BEA60
300


7BEA61
600


7BEA63
2400


7BEA64
4800


7BEA65
9600


7BEA67
19200


7BEA68
38400


7BEA69
57600


7BEA610
115200

Data bits

7C6790
7 bit

7C6791
8 bit

Stop bits

7C67A0
2 bit

7C67A1
1 bit

Check bit setting

7C69B0
O

7C69B1
S

7C69B2
E

7C69B3
M

7C69B4
N

output configuration

About output configuration

In this chapter, you can configure the output of the device, including carriage return / line feed, adding prefix / suffix, setting the length of the barcode, removing the number of digits of the barcode (start / end removal) and multi keyboard switching settings. You only need to scan the corresponding configuration code in turn according to the requirements.

Enter/Return setting

add Return

cancle return

add shift

cancle shift

Remove barcode from start / end

Remove the barcode from the beginning

Remove the code from end

remove 1bit

bar code length setting


67EE61

length is 1


67EE6255

Length is 255


67FE60

Bar code length locking

Additional code setting


6787D1

Enable two digit additional code


6787D0

prohibit two digit additional code


6787C1

Enable five digit additional code

prohibit five digit additional code

All UPC / EAN codes must have additional codes

Without additional codes

Keyboard mode output Chinese

Keyboard mode can output in Chinese, if you need to output in Chinese, please scan the corresponding configuration code as required （ The default status is no Chinese, but other languages can be entered.)

default status

Can be used for word, QQ, not for Excel, Notepad

can be used in Notepad and excel, but not in word


7C8A60
Belgium


7C8A61
britain


7C8A62
France


7C8A63
Germany


7C8A64
Italy


7C8A65

Spain


7C8A66

USA


7C8A68

Singapore


7C8A69

El Salvador


7C8A610

Japan


7C8A611

Sierra leone


7C8A612

Turkey


7C8A613

Russia


7C8A614

Hungary


7C8A615

Russian (Russia)


A69E616

Thai

Analog keyboard

You may need to type your characters in the form of ASCII code. At this time, you can configure the corresponding configuration code to simulate keyboard according to the requirements


A6A761
turn on analog keyboard


A6A760
shut off


A6A771

Turn on the analog keyboard, the front is zero


A6A770

shut off the analog keyboard, the front is zero

Shift Capital letter and lowercase


A68861
lowercase Data format


A68862
capital letter


A68860
Restore default

Data format

The programming mode is that the user can edit the output prefix / suffix and lock the length of the bar code. The user needs to scan the configuration first, and then enter the programming mode, according to the configuration Set the bar code process for scanning configuration. Two examples of programming mode of configuration will be attached for users' reference. For details, please check the bar code length locking and add pre / suffix.

(bar code length locking supports up to 6 bar code type length locking configurations, prefix and suffix respectively

Bar code system configuration About setting

This chapter can configure the barcode system of the device, including UPC / ean, CodeBar, code39, full ASCII, code39, interleaved 2 of 5, code93, UPC-A, GS1 DataBar omnidirectional, GS1 DataBar expanded, PDF417, QR code, Hong Kong 2 of 5 (China Post) and airline 2 of 5, You just need to scan the corresponding configuration code in turn （ Default is *)

Barcode setting

1. Airline 2 of 5

Enable

prohibit

2. Aztec Code

Enable

***Prohibit**

3. Codaba

***Enable**

prohibit

4. Codablock A

Enable


8CA760
***Prohibit**

5. Codablock F


8CA771
Enable


8CA770
***Prohibit**

6. Code 128


667791
***Enable**


667790
Prohibit

7. Code 11


666791
Enable


666790
***Prohibit**

8. Code 32

6687B1

Enable

6687B0

***Prohibit**

9. Code 39

667771

***Enable**

667770

Prohibit

10. Code93

667781

Enable

667780

***Prohibit**

11.Composite

A66761

Enable

A66760

***Prohibit**

12. Data Matrix Code

66B791

***Enable**

66B790

Prohibit

13. EAN/UPC

6677C1

***Enable**

6677C0

Prohibit

14. EAN-8

6687A1

***Enable**

6687A0

Prohibit

6DF761

Output ean-8 check bit


6DF760

Don't output ean-8 check bit


6DB781

EAN-8 to EAN-13


6DB780

***prohibit EAN-8 to EAN-13**

15. EAN-13


668771

***Enable**


668770

prohibit


6DF781

***output EAN-13 Check digit**


6DF780

Don’t output EAN-13 check digit

16. Full ASCII Code39

6687D1

Enable

6687D0

***Prohibit**

17. GS1 DataBar Expanded

66A7B1

Enable

66A7B0

***Prohibit**

18. GS1 DataBar Limited

66A7A1

Enable

66A7A0

***Prohibit**

19. GS1 DataBar Omnidirectional

66A791

Enable

66A790

***Prohibit**

20. HANXIN


8D9771
Enable


8D9770
***Prohibit**

21. Hong Kong 2 of 5(China post)


6697C1
Enable


6697C0
***Prohibit**

Notice: When reading a postal, all other postal need close.

22. Interleaved 2 of 5


6677B1
***Enable**


6677B0
Prohibit

23. Matrix 2 of 5

6667B1

Enable

6667B0

***Prohibit**

24. Maxicode

66C7A1

Enable

66C7A0

***Prohibit**

25. MicroPDF417

66A7D1

Enable

66A7D0

***Prohibit**

26. Micro QR Code

66C7B1

Enable

66C7B0

***Prohibit**

27. MSI


668781
Enable


668780
***Prohibit**

28. PDF417


666761
***Enable**


666760
Prohibit

29. Pharmacode


ACF7B1
Enable


ACF7B0
***Prohibit**

30. QR Code


66C781
***Enable**


66C780
Prohibit


A6E760

*** Open URL QR code**


A6E761

Turn off URL QR code

31. Straight 2 of 5 Industrial


667761

Enable


667760

***Prohibit**

32. Telepen


6667D1

Enable


6667D0

***Prohibit**

33. Trioptic Code


669781

Enable


669780

***Prohibit**

34. UPC-A


6687C1

***Enable**


6687C0

Prohibit


6DB7D1

***UPC-A Output check bit**


6DB7D0

UPC-A Prohibit


6DB771

***Output UPC-A system character**


6DB770

Prohibit UPC-A output


6DB7A1

UPC-A to EAN-13


6DB7A0

***prohibit UPC-A to EAN-13**

35. UPC-E


668761

***Enable**


668760

prohibit


6DB7C0

***prohibit UPC-E output**


6DB7C1

Open UPC-E output


6DB790

***Prohibit UPC-E header characters output**


6DB791

Output UPC-E header character


6DB7B1

Upc-e extended to 12 bits


6DB7B0

*** Prohibit upc-e expansion to 12 bits**

Special functions

Setting Details

This chapter enumerates some configuration examples of equipment use, and specifically describes the configuration method of special functions, which is convenient for users to carry out actual operation, so as to be familiar with the use of products. You only need to scan the corresponding configuration code in turn according to the requirements to complete the configuration of special functions.

Only set the suffix before cross 25

A6A7D1

open

A6A7D0

off

Scan billing data code

Scan setting code one by one:

A67962

only use on notepad,excel, no word

A6C791

open

A6C790

off

The configuration outputs only the first 24 characters

For example: if need scan whole code is（9866986546666777969696123 and test 96969688）

Scan following code one by one:

B69781

B68E624

Display all information (Chinese output configuration required):

A67960

default setting

A67962

Use in notepad,excel ,no word

A67961

Using in word，prohibit notepad,excel

Web Chinese input settings

Scan one by one:

FFFFFE

Factory setting

A67964

Utf-8 code（using in **word,**prohibit notepad、**excel**）

7CC790

Cancel Return

7CC780

Cancel Enter

Add suffix (scan the following two bar codes to find the corresponding characters and numbers in turn)

FFFFFF

6ABF60

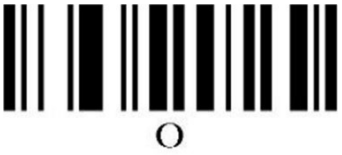
Attachment: ASCII code table

Decimal number	character	Decimal number	character	Decimal number	character	Decimal number	character
000	NUL	032	SP	064	@	096	‘
001	SOH	033		065	A	097	a
002	STX	034	"	066	B	098	b
003	ETX	035	#	067	C	099	c
004	EOT	036	$	068	D	100	d
005	ENQ	037	%	069	E	101	e
006	ACK	038	&	070	F	102	f
007	BEL	039	`	071	G	103	g
008	BS	040	(	072	H	104	h
009	HT	041	)	073	I	105	i
010	LF	042	*	074	J	106	j
011	VT	043	+	075	K	107	k
012	FF	044	,	076	L	108	l
013	CR	045	—	077	M	109	m
014	SOH	046	.	078	N	110	n
015	SI	047	/	079	O	111	o
016	DLE	048	0	080	P	112	p
017	DC1	049	1	081	Q	113	q
018	DC2	050	2	082	R	114	r
019	DC3	051	3	083	S	115	s
020	DC4	052	4	084	T	116	t
021	NAK	053	5	085	U	117	u
022	SYN	054	6	086	V	118	v
023	ETB	055	7	087	W	119	w
024	CAN	056	8	088	X	120	x
025	EM	057	9	089	Y	121	y
026	SUB	058	:	090	Z	122	z
027	ESC	059	;	091	[	123	{
028	FS	060	<	092	\	124	|
029	GS	061	=	093	]	125	}
030	RS	062	>	094	^	126	~
031	US	063	?	095	_	127	DEL

ASCII Code extension character (CP-1252 codes)

Decimal number	character	Decimal number	character	Decimal number	character	Decimal number	character
128	€	160		192	À	224	à
129		161	¡	193	Á	225	á
130	‚	162	¢	194	Â	226	â
131	ƒ	163	£	195	Ã	227	ã
132	„	164	¤	196	Ä	228	ä
133	…	165	¥	197	Å	229	å
134	†	166	¦	198	Æ	230	æ
135	‡	167	§	199	Ç	231	ç
136	ˆ	168	¨	200	È	232	è
137	‰	169	©	201	É	233	é
138	Š	170	ª	202	Ê	234	ê
139	‹	171	«	203	Ë	235	ë
140	Œ	172	¬	204	Ì	236	ì
141		173		205	Í	237	í
142	Ž	174	®	206	Î	238	î
143		175	¯	207	Ï	239	ï
144		176	°	208	Ð	240	ð
145	‘	177	±	209	Ñ	241	ñ
146	’	178	²	210	Ò	242	ò
147	“	179	³	211	Ó	243	ó
148	”	180	´	212	Ô	244	ô
149	·	181	µ	213	Õ	245	õ
150	–	182	¶	214	Ö	246	ö
151	—	183	·	215	×	247	÷
152	˜	184	¸	216	Ø	248	ø
153	™	185	¹	217	Ù	249	ù
154	š	186	º	218	Ú	250	ú
155	›	187	»	219	Û	251	û
156	œ	188	¼	220	Ü	252	ü
157		189	½	221	Ý	253	ý
158	ž	190	¾	222	Þ	254	þ
159	Ÿ	191	¿	223	ß	255	ÿ

Bytecode value (decimal)




2


3


4


5


6


7


8


9