Инструкция к сканеру штрих-кода Poscenter OT 2D

Contents

1: Start 1
About user manual 1
Reset default 1
Interface mode initialization 1
2: Function mode setting 2
About Function mode setting 2
Operating mode 2
Barcode on/off 4
Image reversal 5
Lighting settings 5
Speaker settings 6
Beeper duration 6
Dormancy settings 7
Three-level lighting setting 7
Code reading timeout setting 8
Interface settings 9
RS232 interface 9
Data bit 10
Stop bit 10
Check bit setting 10
3:Output settings 11
About output settings 11
Carriage return/line feed setting 11
Remove the barcode line at the beginning/end 11
Set barcode length 12
Additional code settings 12
Chinese output in keyboard mode 13

Keyboard language country type 13
Analog keyboard 15
Caps lock 15
Data Format 15
4: Barcode symbology configuration 16
About Barcode symbology configuration 16
Barcode configuration 16
1. Airline 2 of 5 16
2. Aztec Code 16
3. Codaba 16
4. Codablock A 16
5. Codablock F 17
6. Code 128 17
7. Code 11 17
8. Code 32 19
9. Code 39 19
10. Code93 19
11. Composite 19
12. Data Matrix Code 20
13. EAN/UPC 20
14. EAN-8 20
15. EAN-13 21
16. Full ASCII Code39 21
17. GS1 DataBar Expanded 22
18. GS1 DataBar Limited 22
19. GS1 DataBar Omnidirectional 22
20. HANXIN 23
21. Hong Kong 2 of 5(China post) 23
22. Interleaved 2 of 5 23
23. Matrix 2 of 5 24
24. Maxicode 24
25. MicroPDF417 24
26. Micro QR Code 24

27. MSI 25
28. PDF417 25
29. Pharmacode 25
30. QR Code 25
31. Straight 2 of 5 Industrial 26
32. Telepen 26
33. Trioptic Code 26
34. UPC-A 26
35. UPC-E 27
5: Special function configuration (example) 28
About Special function configuration 28
Only set the prefix and suffix of cross 25 code 28
Scan the billing data code 29
Configure to output only the first 24 characters 29
Web page Chinese input settings 30
Attached: ASCII code table 31
Attachment: ASCII code extended characters (CP-1252 code) 31
Bytecode value (decimal) 32

1: Start

About user manual

This user manual includes code system settings, function settings (lighting, keyboard type, and factory reset, etc.) and interface settings. If you need to change the function you need, scan the configuration according to the configuration code below. All bands (*) indicate the factory default value.

Reset default

FFFFFE

Recall Default

FFFF68

Read the Version Number

Interface mode initialization

Identify it as a USB keyboard type, scan the "USB keyboard" barcode.

In the environment where the application software requires the serial port, USB can be recognized as the USB COM type, and the USB COM type needs to be installed by the user

FFBFFE

USB Keyboard

FFBFFD

USB COM

2: Function mode setting

About Function mode setting

In this chapter, you can configure the function mode of the device, including working mode (such as image reversal, etc.), Aimer setting, lighting configuration, LED indicator setting and speaker setting, etc. You only need to scan the corresponding configuration codes as required.

Operating mode

7E9AA2

* Manual trigger mode

7E9AA0

Auto scan mode

here are 15 levels of sensitivity in auto scan mode, 1 is the highest, 15 is the lowest

B67A61

B67A62

B67A63

B67A64

B67A65

B67A68

B67A610

B67A613

B67A615

Auto scan mode same barcode interval time setting

7EFD61

50ms

7EFD62

100ms

7EFD63

150ms

7EFD64

200ms

7EFD65
250ms

7EFD66
300ms

Barcode on/off

FFFEFD
Turn on all barcodes

FFFEFC
Turn off all barcodes

FFFEFB
Turn on all one-dimensional codes

FFFEFA
Turn off all one-dimensional codes

FFFEF9
Turn on all two-dimensional codes

FFFEF8
Turn off all two-dimensional codes

Image reversal

B677A1

Image reversal

*Normal image

Lighting settings

Enable *Aimer

B66771

B66770

Disable Aimer

B66781

Enable *Light

B66780

Disable Light

B66890

*Led indicator is normal

B66891

Led indicator reverse

B66892

The LED indicator is always off

B66893

The LED indicator is always on

Speaker settings

B667D0

*Turn on Speaker

B667D1

Turn off Speaker

Beeper duration

7EA7A0

Normal

7EA7A1

Short

7EB9B7

2.7KHz

7EB9B6

1.6KHz

7EB9B5

2.0KHz

7EB9B4

2.4KHz

7EB9B3

3.1KHz

7EB9B2

3.5KHz

7EB9B11

4.2KHz

7EB9B0

No sound

Dormancy settings

ADBE610

10s Dormancy

ADBE6100

100s Dormancy

Three-level lighting setting

ADC960

One-level

ADC961

Two-level

ADC962

Three-level

Code reading timeout setting

B6AE620

30s

B6AE640

60s

B6AE680

120s

B6AE6120

180s

B6AE6160

240s

B6AE6200

240s

Interface settings

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 bit

7C6790

7 bits

7C6791

8 bits

Stop bit

7C67A0

2 bits

7C67A1

1 bit

Check bit setting

7C69B0

O

7C69B1

S

7C69B2

E

7C69B3

M

7C69B4

N

3: Output settings

About output settings

This chapter can configure the output of the device, including carriage return/line feed, adding pre/suffix, setting bar code length, removing bar code digits (start/end removal) and multi-country keyboard switching settings, etc. You only need to scan the corresponding configuration code as required. That's it.

Carriage return/line feed setting

7CC791

Add carriage return

7CC790

Cancel carriage return

7CC781

Add line feed

7CC780

Cancel line feed

Remove the barcode line at the beginning/end

B69760

Remove the barcode line at the beginning

B69761

Remove the barcode line at the end

B68E61

Remove one bit

Set barcode length

67EE61
The length 1

67EE6255
The length is 255

67FE60
Barcode length lock

Additional code settings

6787D1

Enable two additional codes

6787D0

*Disable two additional codes

6787C1
Enable two additional codes

6787C0
* Disable two additional codes

678791
All UPC/EAN codes must have additional codes

678790
* No additional code required

Chinese output in keyboard mode

The keyboard mode can output as Chinese. If you need to output as Chinese, please scan the corresponding configuration code as required. (The default state is no Chinese, but other national languages can be input)

A67960
*Default

A67961
Can be used for word, qq, not for excel, notepad

A67962
Can be used in notepad, excel, not in word

Keyboard language country type

7C8A60
Belgium

7C8A61
UK

7C8A62
France

7C8A63
Germany

7C8A64
Italy

7C8A65
Spanish

7C8A66
USA

7C8A68

Singapore

7C8A69

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 the keyboard as required

A6A761

Enable analog keyboard

A6A760
Disable analog keyboard

A6A771
Turn on the analog keyboard and the front is zero

A6A770
Turn off the analog keyboard and the front is zero

Caps lock

A68861

All lowercase

A68862
All capital

A68860
Reset

Data
Format

The programming mode is the user can edit the output pre/suffix and lock the length of the bar code. The user needs to scan the configuration first and enter the programming mode, and then scan the code according to the configuration bar code flow in turn. Two configuration programming modes will be attached later. The example is for user's reference. For details, please check barcode length lock, add pre/suffix. (Barcode length lock supports up to 6 barcode types, length lock configurations, and the prefix and suffix respectively support up to)

4: Barcode symbology configuration

About Barcode symbology configuration

This chapter can configure the bar code system of the device, including UPC/EAN, Codebar code, 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 support barcode configuration, you only need to scan the corresponding configuration codes in sequence according to the requirements. (The default is*)

Barcode configuration

1. Airline 2 of 5

6667A1

Enable

6667A0

*Disable

2. Aztec Code

66C761

Enable

66C760

*Disable

3. Codaba

6677A1

*Enable

6677A0

Disable

4. Codablock A

8CA761

Enable

8CA760
*Disable

5. Codablock F

8CA771

Enable

8CA770

*Disable

6. Code 128

667791
*Enable

667790
Disable

7. Code 11

666791
Enable

666790
*Disable

8. Code 32

6687B1

Enable

6687B0

*Disable

9. Code 39

667771

*Enable

667770

Disable

10. Code93

667781

Enable

667780

*Disable

11. Composite

A66761

Enable

A66760

*Disable

12. Data Matrix Code

66B791
*Enable

66B790
Disable

13. EAN/UPC

6677C1

*Enable

6677C0

Disable

14. EAN-8

6687A1
*Enable

6687A0
Disable

6DF761
* Output EAN-8 check digit

6DF760
Disable EAN-8 check digit

6DB781

EAN-8 is converted to EAN-13

6DB780

* Prohibit the conversion of EAN-8 to EAN-13

15. EAN-13

668771

*Enable

668770

Disable

6DF781

* Output EAN-13 check digit

6DF780

Disable EAN-13 check digit

16. Full ASCII Code39

6687D1

Enable

6687D0

*Disable

17. GS1 DataBar Expanded

66A7B1

Enable

66A7B0

*Disable

18. GS1 DataBar Limited

66A7A1

Enable

66A7A0

*Disable

19. GS1 DataBar Omnidirectional

66A791

Enable

66A790

*Disable

20. HANXIN

8D9771

Enable

8D9770

*Disable

21. Hong Kong 2 of 5(China post)

6697C1

Enable

6697C0

*Disable

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

22. Interleaved 2 of 5

6677B1

*Enable

6677B0

Disable

23. Matrix 2 of 5

6667B1
Enable

6667B0
*Disable

24. Maxicode

66C7A1
Enable

66C7A0
*Disable

25. MicroPDF417

66A7D1

Enable

66A7D0
*Disable

26. Micro QR Code

66C7B1
Enable

66C7B0
*Disable

27. MSI

668781

Enable

668780

*Disable

28. PDF417

666761

*Enable

666760

Disable

29. Pharmacode

ACF7B1

Enable

ACF7B0

*Disable

30. QR Code

66C781

*Enable

66C780

Disable

A6E760

* Turn on URL QR code

A6E761

Turn off URL QR code

31. Straight 2 of 5 Industrial

667761

Enable

667760

*Disable

32. Telepen

6667D1

Enable

6667D0

*Disable

33. Trioptic Code

669781

Enable

669780

*Disable

34. UPC-A

6687C1

*Enable

6687C0

Disable

6DB7D1

* UPC-A output check digit

6DB7D0

UPC-A does not output check digit

6DB771

* Output UPC-A numeric system characters

6DB770

Do not output UPC-A numeric system characters

6DB7A1

Convert UPC-A to EAN-13

6DB7A0

* UPC-A is not converted to EAN-13

35. UPC-E

668761

*Enable

Disable

668760

6DB7C0

* UPC-E does not output check digit

6DB7C1

UPC-E output check digit

6DB790

*UPC-E does not output header characters

6DB791

UPC-E output header characters

6DB7B1

UPC-E extended to 12 bits

6DB7B0

* Prohibit UPC-E expansion to 12 bits

5: Special function configuration (example)

About Special function configuration

This chapter enumerates some configuration examples used by the device, and specifically explains the configuration methods of special functions, which is convenient for users to perform actual operations and familiarize themselves with the use of the product. You only need to scan the corresponding configuration codes according to the requirements to complete the special function configuration.

Only set the prefix and suffix of cross 25 code

A6A7D1

Turn on

A6A7D0

Turn off
Turn off

Scan the billing data code

Scan the following configuration codes in turn:

A67962

Can be used in notepad, excel, not in word

A6C791
Turn on

A6C790
Turn off

Configure to output only the first 24 characters

If the bar code value to be scanned is（9866986546667779696961 23 test 96969688）

Scan the following configuration codes in turn：

B69781

B68E624

Display all information (need to configure Chinese output configuration):

A67960

Default

A67962

Can be used in notepad, excel, not in word

A67961

Can be used in word, not in notepad, excel

Web page Chinese input settings

Scan from top to bottom:

FFFFFE

Factory settings

A67964

Utf-8 encoding (can be used for word, not for notepad, excel)

7CC790

Cancel carriage return

7CC780

Cancel line feed

Add suffix (scan the following two barcodes and scan the corresponding characters and numbers in turn)

FFFFFF

Attached: ASCII code table

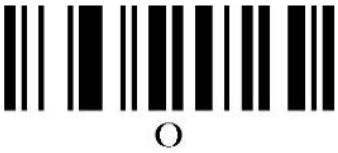
Decimal	Characters	Decimal	Characters	Decimal	Characters	Decimal	Characters
000	NUL	032	SP	064	@	096	‘
001	SOH	033		065	A	097	a
002	STX	034	"	066	B	098	b
003	ETX	035	#	067	C	099	c
004	EOT	036	$	068	D	100	d
005	ENQ	037	%	069	E	101	e
006	ACK	038	&	070	F	102	f
007	BEL	039	`	071	G	103	g
008	BS	040	(	072	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

附：ASCII 码扩展字符（CP-1252 编码）

Decimal	Characters	Decimal	Characters	Decimal	Characters	Decimal	Characters

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

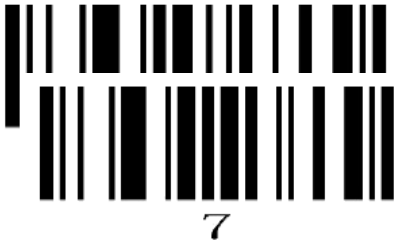
Bytecode value (decimal)



2

3

6


7

8

9