

Инструкция к сканеру штрих-кода Poscenter OT 2D

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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

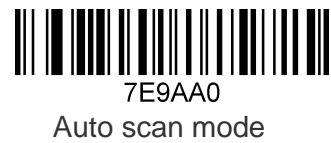
About Function mode setting

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



* Manual trigger mode



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





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



FFFE9

Turn on all two-dimensional codes



FFEF8

Turn off all two-dimensional codes

Image reversal



Image reversal



*Normal
image

Lighting
settings

Enable *Aimer



Disable Aimer



Enable *Light



Disable Light



*Led indicator is normal



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



7EB9B1
4.2KHz



7EB9B0
No sound

Dormancy settings



ADBE610
10s Dormancy



ADBE610
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



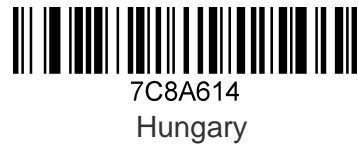
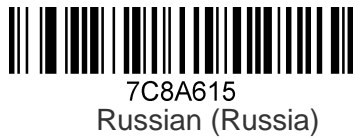
7C8A63

Germany



7C8A64

Italy



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



5. Codablock F



6. Code 128



7. Code 11



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



* UPC-E does not output check digit



*UPC-E does not output header characters



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



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 (986698654666777969696123 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:



FFFFFFE

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)



FFFFFFF



6ABF60

Attached: ASCII code table

Decimal	Characte rs	Decimal	Characte rs	Decimal	Characte rs	Decimal	Characte rs
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	Characte rs	Decimal	Characte rs	Decimal	Characte rs	Decimal	Characte rs
---------	----------------	---------	----------------	---------	----------------	---------	----------------

128	€	160		192	À	224	à
129		161	ı	193	Á	225	á
130	,	162	¢	194	Â	226	â
131	f	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	^	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



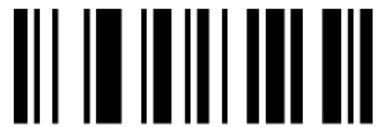
6



7



8



9