

2D Barcode Scanner User's Manual

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1:Instruction

About user guide

This user manual included code setting, function code setting and the interface setting , if you need to change the setting , scan the below code ,Factory default settings are marked with an asterisk "*" in this manual.

Factory default



FFFFFE
(Factory Default Setting)



Read the Version Number

Interface initialization



FFBFFE
USB Keyboard



FFBFFD
USB COM

2:Scan mode

About scan mode setting

Blow is the mode setting , scan the code if need to change the setting

Working mode



7E9AA2
* (Manual trigger mode)



7E9AA0
Auto scan mode

Auto can mode same code interval time setting



7EFD61
50ms



7EFD62
100ms



7EFD63
150ms



7EFD64
200ms



7EFD65
250ms



7EFD66
300ms

Symbologies on/off



FFFEFD
Enable all symbologies



FFFEFC
Disable all symbologies



Enable all 1D Codes



Disable all 1D codes



Enable all 2D codes



Enable all 2D codes

Image Reverse



Image reverse



***Normal image**

Beeper



***Beep on**



B667D1

Beep off

Beeper working time



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

Read code delay setting



Interface

RS232 interface



RS232 Boud rate





7BEA61

600

300



7BEA63

2400



7BEA64

4800



7BEA65

*9600



7BEA67

19200



7BEA68

38400



7BEA69

57600



7BEA610

115200

Data bit



7C6790

7 bit

Stop bit



Check digit



**3:Out
put Configuration**

CR/LF setting



7CC791
Add CR



7CC790
Cancel CR



7CC781
Add LF



7CC780
Cancel LF

Remove code from beginning/ending



B69760
Remove code from beginning



B69761
Remove code from ending



B68E61
Remove 1 bite(if need more bite , contact us)

Additional code setting



6787D1

Enable2 bite additional code



6787D0

***Disable2 bite additional code**



6787C1

Enable5 bite additional code



6787C0

***Disable5 bite additional code**



678791

All UPC/EAN code with additional code



678790

***no need additional code**

Keyboard mode out put Chinese

keyboard mode can show Chinese , if need , pls scan the below code ,(defaults no Chinese ,but can show other country languages)



A67960

***default**



A67961

Apply to word,qq, excel,notebook not ok



A67962

Apply to notebook, excel, word is not ok

Keyboard language



7C8A60

Blegium



7C8A61

UK



7C8A62

France



7C8A63

Germany



7C8A64

Italy



7C8A65

Spain



7C8A66
USA



7C8A69



7C8A68
Singapore

El Salvador



7C8A610
Japan



7C8A611
Sierra Leone



7C8A612
Turky



7C8A613
Russia



7C8A614
Hungry



7C8A615
Russia(Russia)



A69E616
Thailand

Analog keyboard

You may need to type the character though the ASCII code ,pls can the below setting code accordingly



A6A761
Analog keyboard on



A6A760
Analog keyboard off



A6A771
0 before Analog keyboard on



A6A770
0 before Analog keyboard off

Case switching



A68861
All lower case



A68862
All uppercase



A68860

Reset default

4:Barcode setting Special function Configuration

This chapter support some special setting , pls scan the below code accordingly

Only set up Interleaved 2 of 5 prefix and suffix



A6A7D1

on



A6A7D0

off

Only output first 24 character

if the code value is (123456789123456789000000ABCD)

Scan the below code



B68E624

Output result : ABCD

Show all the data (need Chinese output) :



B68E60

Programming mode

Barcode length locking (support most 6 type barcode length locking)

Add single barcode length locking progress:

Example 1

Lock CODE 128 length is 10, CODE 128 barcode type value is 083(through the barcode type file).

1. Scan enter/exit Programming mode,let the device enter Programming mode
2. Scan"barcode length 1"
3. Scan code value"0", "1", "0". One by one
4. Scan code type value 1
5. Scan code value"0", "8", "3". One by one
6. Scan "enter/exit programming mode"

Add multi barcode length locking

Example 2

7. Scan enter/exit Programming mode,let the device enter Programming mode
8. Scan"barcode length 1
9. Scan code value one by one
10. Scan code type value 1
11. Scan code value one by one
12. Scan"barcode length 2"
13. Scan code value one by one
14. Scan code type value 2
15. Scan code value one by one
16. Scan "enter/exit programming mode"



FFFFFF

enter/exit Programming mode



686F60

Barcode length 1



687F60

code type value 1



688F60

barcode length 2



689F60

code type value 2



68AF60

Barcode length 3



68BF60

code type value 3



68CF60

Barcode length 4



68DF60
code type value 4



68EF60

Barcode length 5



68FF60
code type value 5



696F60

Barcode length 6



697F60
code type value 6

Barcode type

Barcode value	Barcode type
002	UPC-E
003	EAN-8
004	UPC-A
005	EAN-13
080	CODE 39
081	CODABAR
082	INTERLEAVED 2 OF 5
083	CODE 128
084	CODE 93
091	MSI
092	CODE 11
093	AIRLINE 2 OF 5

094	MATRIX 2 OF 5
095	TELEPEN
096	UK PLESSEY
097	AIRLINE(13 DIGITS)
098	STANDARD 2 OF 5
099	TRIOPTIC
101	RSS14
102	RSS LIMIT
103	RSS EXT
104	PDF417
105	MICRO PDF417
106	DATA MATRIX
107	AZTEC
108	QR
109	MAXICODE

Add prefix/suffix (support most 10 character separately)

Add prefix progress:

Example 1, add prefix, character is " (" , The corresponding decimal number of ASCII code is 040.

17. Scan enter/exit Programming mode,let the device enter Programming mode

1. Scan "prefix first character"
2. Scan code value "0", "4", "0". One by one
3. Scan enter/exit programming mode

Add suffix

例 2, add suffix, character is") ", The corresponding decimal number of ASCII code is 041.

18. Scan enter/exit Programming mode,let the device enter Programming mode

1. Scan"suffix first character"
2. Scan code value "0", "4", "1".
- 3,Scan enter/exit Programming mode

Add multiple character prefix

Example 3, **Add multiple character prefix**

19. Scan enter/exit Programming mode,let the device enter Programming mode

1. Scan"prefix first character"
2. scan first code value one by one
3. Scan"prefix second character value
4. Scan second character
5. repeat 4 and 5 step
6. Scan enter/exit Programming mode

Add multiple character prefix:

Similar add multiple character prefix

Clear all prefix:

Scan code"clear all prefix"

Clear all suffix:

Scan "code "clear all suffix"



FFFFFFF

Enter/exit programming mode



69BF60

suffix first character



69CF60

Prefix second character



69DF60

Prefix third character



69EF60

Prefix fourth character



69FF60

Prefix fifth character



6A6F60

Prefix sixth character



6A7F60

Prefix seventh character



6A8F60

Prefix eighth character



6A9F60

Prefix ninth character



FFFFEB



6AAF60

Prefix tenth character

Clear all the prefix



6ABF60

Suffix first character



6ACF60

Suffix second character



6ADF60

Suffix third character



6AEF60

Suffix fourth character



6AFF60

Suffix fifth character



6B6F60

Suffix sixth character



6B7F60

Suffix seventh character



6B8F60

Suffix eighth character



6B9F60

Suffix ninth character



6BAF60

Suffix tenth character



FFFEA

Clear all suffix

Code value(Decimal)



0



1



2



3



4



ASCII code

Decimal	character	Decimal	character	Decimal	character	Decimal	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 expand character
(CP1252 code)

Decimal	character	Decimal	character	Decimal	character	Decimal	character
128	€	160		192	À	224	à
129		161	ı	193	Á	225	á
130	,	162	ç	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	ı	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	Đ	240	đ
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	Ɔ	254	ɔ
159	ÿ	191	¿	223	Ɔ	255	ÿ