

User Manual

1.Setting

1.1 Default setting

Scan Start/end barcode, then scan Default barcode, and then scan Start/end barcode.

Start/end



P666666

Default



P666667

1.2 Get firmware version

Get firmware version



P6666FB

1.3 Transport mode

USB HID



P66A667

USB Serial



P66A668

RS232



P66A666

1.4 Com port communication setting

a. Baud rate

300 BPS



EA7040

600 BPS



EA7041

2400 BPS



EA7043

4800 BPS



EA7044

9600 BPS



EA7045

14400 BPS



EA7046

19200 BPS



EA7047

38400 BPS



EA7048

57600 BPS



EA7049

115200 BPS



EA70410

b. Data bits

7 bits



E9F310

8 bits



E9F311

c. Stop bits

2



E9F410

1



E9F411

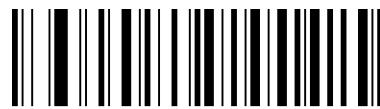
d. Parity check

O



E9F530

S



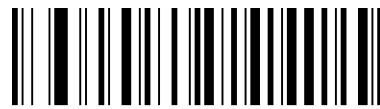
E9F531

E



E9F532

M



E9F533

N



E9F534

1.4 Work mode

Manual trigger mode



E7C442

Auto scan mode

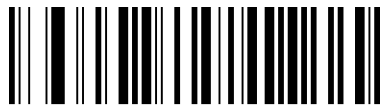


E7C440

1.5 Sound size setting

a. Sound size is adjustable, the KHZ bigger, the sound bigger.

2.7KHz (Default)



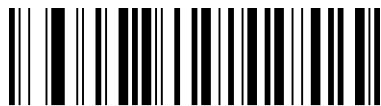
E7A537

1.6KHz



E7A536

2.0KHz



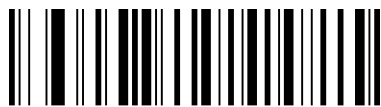
E7A535

2.4KHz



E7A534

3.1KHz



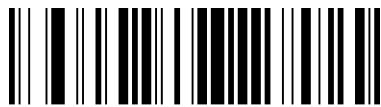
E7A533

3.5KHz



E7A532

4.2KHz



E7A5311

Close sound



E7A530

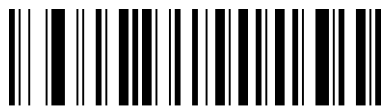
b. Beep lasting time

Normal



E7B410

Short

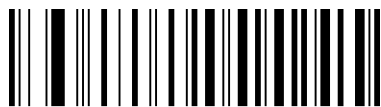


E7B411

1.6 Illuminated setting

a. Lamp setting

Lamp on



AFF211

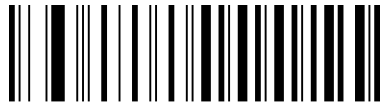
Lamp off



AFF210

b. Aiming light setting

ON



AFF111

OFF

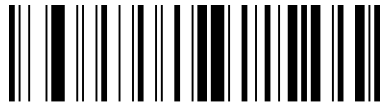


AFF110

1.7 Scan sensibility setting

a. Manual sensor setting

200ms



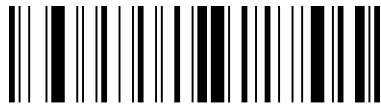
BBA0820

150ms



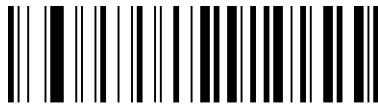
BBA0815

100ms



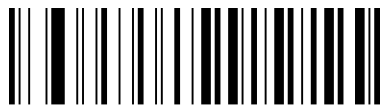
BBA0810

50ms



BBA085

0ms



BBA080

b. Auto sensor setting (optional)

Sensibility of auto scan mod: 20 grade. 1 is highest, 20 is lowest, from 041—060.

1



AFE041

2



AFE042

3



AFE043

4



AFE044

1.8 Image highlight setting

Image highlight



AFE411

Normal image



AFE410

2. Lock the length of the barcode

The minimum length of the barcode is 1.



FE7081

Support locks the length of 6(most quantities) different kinds of barcodes.

a. Lock one barcode length:

Example1:

Lock QR barcode length: 32, the byte value can be check from the Barcode type list

And then we can get the byte value is 108。

1. Scan barcode “Entry and Exit program mode”
2. Scan barcode “Configure the barcode type 1 length”
3. And then scan byte value barcode one by one “0”, “3”, “ 2”。
4. Scan barcode “Configure the barcode type 1 byte value”.
5. And then scan byte value barcode one by one “1”, “0”, “8”.
6. Scan “Entry and Exit program mode”

b. Lock multi-barcode length:

Example 2:

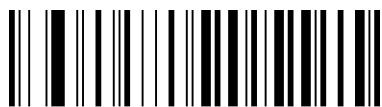
1. Scan barcode “Entry and Exit program mode”
2. Scan barcode “Configure the barcode type 1 length”
3. Scan byte value barcode one by one.
4. Scan barcode “Configure the barcode type 1 byte value”.
5. Scan byte value barcode one by one.
6. Scan barcode “Configure the barcode type 2 length”
7. Scan byte value barcode one by one.
8. Scan barcode “Configure the barcode type 2 byte value”.
9. Scan byte value barcode one by one.
- ...
10. Scan barcode “Entry and Exit program mode”.

Entry/Exit program mode



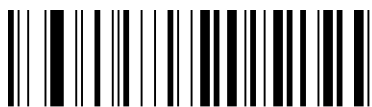
P666666

Configure the barcode type 1 length



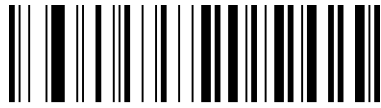
FDF090

Configure the barcode type 1 byte value



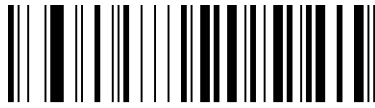
FDE090

Configure the barcode type 2 length



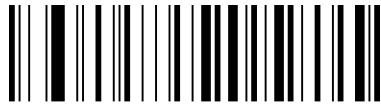
FDD090

Configure the barcode type2 byte value



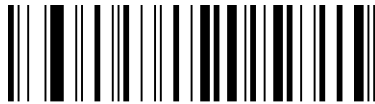
FDC090

Configure the barcode type 3 length



FDB090

Configure the barcode type 3 byte value



FDA090

Configure the barcode type 4 length



FD9090

Configure the barcode type 4 byte value



FD8090

Configure the barcode type 5 length



FD7090

Configure the barcode type 5 byte value



FD6090

Configure the barcode type 6 length



FCF090

Configure the barcode type 6 byte value



FCE090

3. Add prefix and suffix setting

Add AIM ID prefix



F86511

cancel AIM ID prefix



F86510

Prefix or suffix support ten characters (the largest quantities)

Add prefix:

Example1: the prefix character is "®", according to the ASCII code list, the decimal of the character is 174.

1. Scan barcode "Entry and Exit program mode".

2. Scan barcode "Configure the first character prefix"
3. Scan byte value barcode one by one "1", "7", "4"
4. Scan barcode "Entry and Exit program mode".

Add suffix:

Example2: the suffix character is "\$", according to the ASCII code list, the decimal of the character is 036.

1. Scan barcode "Entry and Exit program mode".
2. Scan configure the first character suffix.
3. Scan byte value barcode one by one "0", "3", "6"
4. Scan barcode "Entry and Exit program mode".

Add multi-character prefix:

Example 3: **Add multi-character prefix**

1. Scan barcode "Entry and Exit program mode".
2. Scan "Configure the first character prefix"
3. Scan the byte value barcode of the prefix character one by one.
4. Scan "Configure the second character prefix"
5. Scan the byte value barcode of the prefix character one by one.
6.
7. Scan barcode "Entry and Exit program mode".

Add multi-character suffix:

The method of add multi-character suffix is just like the way of add multi-character prefix.

Clear all prefix:

Scan barcode "clear all prefix".

Clear all suffix:

Scan barcode "clear all suffix"

Entry and Exit program mode



P666666

a. Prefix setting code:

Configure the first character prefix



P6FCAFF

Configure the second character prefix



P6FC9FF

Configure the third character prefix



P6FC8FF

Configure the fourth character prefix



P6FC7FF

Configure the fifth character prefix

Configure the sixth character prefix



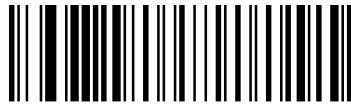
P6FC6FF

Configure the seventh character prefix



P6FBEFF

Configure the ninth character prefix



P6FBCFF

Clear all the prefixes



P66667A



P6FBFFF

Configure the eighth character prefix



P6FBDFF

Configure the tenth character prefix



P6FBBFF

b. Suffix setting code:

Configure the first character suffix



P6FBAFF

Configure the third character suffix



P6FB8FF

Configure the fifth character suffix



P6FB6FF

Configure the seventh character suffix



P6FAEFF

Configure the ninth character suffix

Configure the second character suffix



P6FB9FF

Configure the fourth character suffix



P6FB7FF

Configure the sixth character suffix



P6FAFFF

Configure the eighth character suffix



P6FADFF

Configure the tenth character suffix



P6FACFF



P6FABFF

Clear all suffix



P66667B

4.

4.1 UPC/EAN

ON



FFE611

OFF



FFE610

4.2 Codabar code

ON



FFE411

OFF



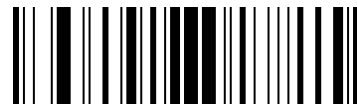
FFE410

Output start and end charcter



F88711

not output start and end character



F88710

4.3 Code39 code

ON



FFE111

OFF



FFE110

4.4 Full ASCII Code39

ON



FFD711

OFF



FFD710

4.5 Interleaved 2 of 5

ON

OFF



FFE511



FFE510

4.6 Code93

ON



FFE211

OFF



FFE210

4.7 Straight 2 of 5 Industrial

ON



FFE011

OFF



FFE010

4.8 Matrix 2 of 5

ON



FFF511

OFF



FFF510

4.9 Code 11

ON



FFF311

OFF



FFF310

One check bit



F7F510

two check bit



F7F511

4.10 Code 128

ON



FFE311

OFF



FFE310

4.11 Telepen

ON

OFF



FFF711



FFF710

4.12 UPC-A

ON



FFD611

OFF



FFD610

4.13 EAN-13

ON



FFD111

OFF



FFD110

4.14 EAN-8

ON



FFD411

OFF



FFD410

4.15 MSI

ON



FFD211

OFF



FFD210

4.16 GS1 DataBar Omnidirectional

ON



FFB311

OFF



FFB310

4.17 GS1 DataBar Limited

ON



FFB411

OFF



FFB410

4.18 GS1 DataBar Expanded

ON



FFB511

OFF



FFB510

4.19 Trioptic Code

Trioptic and Pharmacode. (Only can choose one of them)

ON



FFC211

OFF



FFC210

4.20 Pharmacode

ON



B96511

OFF



B96510

4.21 Codablock A

ON



D9B011

OFF



D9B010

4.22 Codablock F

ON



D9B111

OFF



D9B110

4.23 PDF417

ON



FFF011

OFF



FFB710

4.24 MicroPDF417

ON



FFB711

OFF



FFB710

4.25 QR Code

Normal QR Code on



FF9211

Normal QR Code off



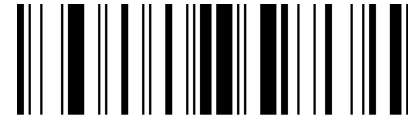
FF9210

Inverse QR Code on



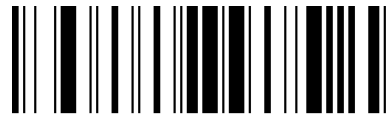
FF9311

Inverse QR Code off



FF9310

Normal mico QR code on



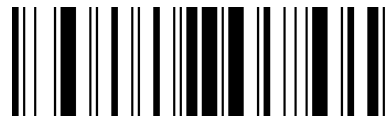
FF9511

Normal mico QR off



FF9510

Inverse mico QR code on



FF9611

Inverse mico QR off



FF9610

4.26 Data Matrix Code

Normal DM code on



FFA311

Normal DM off



FFA310

Inverse DM code on



FFA211

Inverse DM off



FFA210

Normal and Inverse DM code ON



FFA223

Normal and Inverse DM code OFF



FFA220

4.27 MaxiCode

ON

OFF



FF9411



FF9410

4.28 Aztec Code

Normal Aztec code on



FF9011

Normal Aztec off



FF9010

Inverse Aztec code on



FF9111

Inverse Aztec code off



FF9110

4.29 Han Xin Code

ON



D8C111

OFF



D8C110

4.30 Grid Matrix Code

ON



D8C011

OFF



D8C010

4.31 Hong Kong 2 of 5(China post)

ON



FFC611

OFF



FFC610

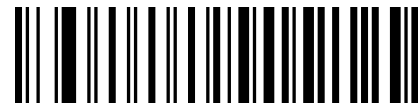
4.32 Airline 2 of 5

ON



FFF411

OFF



FFF410

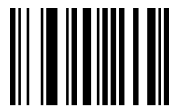
Byte value (decimal)



0



1



2



3



4



5



6



7



8



9

Barcode type list

Barcode Byte 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

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 码扩展字符 (CP-1252 编码)

Decimal	Character	Decimal	Character	Decimal	Character	Decimal	Character
128	€	160		192		224	
129		161		193		225	
130		162		194		226	
131		163		195		227	
132		164		196		228	
133		165		197		229	
134		166		198		230	
135		167		199		231	
136		168		200		232	
137		169		201		233	
138		170		202		234	
139		171		203		235	
140		172		204		236	
141		173		205		237	
142		174	®	206		238	
143		175		207		239	
144		176		208		240	
145		177		209		241	
146		178		210		242	
147		179		211		243	
148		180		212		244	
149		181		213		245	
150		182		214		246	
151		183		215		247	
152		184		216		248	
153		185		217		249	
154		186		218		250	
155		187		219		251	
156		188		220		252	
157		189		221		253	
158		190		222		254	
159		191		223		255	