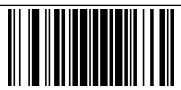
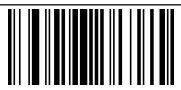
Version Information

 000A0 Display the version number（Custom）	 000A1 Display internal string （Custom）	 000A2 Display SN No.（Custom）
 000B0 Restore All Factory Defaults	 09990 Enable Setup code	 09991 Disable Setup code
Interfaces		
 000600 PS2	 000601 RS232	 000602 USB HID（w cable,default）
 000603 USB-COM	 000604 HID	 026300
 013300 Default scanning mode	 013304 Continuous Scanning Mode	 013302 Key delay
 013301 Single non trigger	 013303 Key delay does not trigger	 013305 Automatic flash
 02311 Enable IR Auto sensing （Default）	 02310 Disable IR Auto sensing	
 014201 Enable Sound (Default)	 014200 Disable Sound	 0145800 Buzzer frequency 2048

Support types please read the comments carefully,no notes means full support

 014300 Sound Loud	 014301 Sound Low	 0145AAA Buzzer frequency 2731

Wireless special setting code		
 03000 Match	 03010 Set local address	 000605 Wireless mode
 03062 Displays the receiver address	 03063 Display transmitter address	 0310000 Disable Sleep
 000607 Automatic storage mode	 000606 Internal storage mode	 03060 Displays the number of saved bars
 03070 Delete all data	 03050 Continue to upload data	 03061 Display the number of uploads to be uploaded
 0303000 Upload all data and delete	 0303001 Upload one data and delete	 0304000 Upload all data but not delete
 0304001 Upload one data but not delete	 03120 Forbit beep after uploading sucessfully	 03121 Beep after uploading sucessfully
 03111 OFF	 0310008 30S Automatic Sleep	 0310015 60S Automatic Sleep
 0310075 5mins Automatic Sleep	 0310150 10mins Automatic Sleep	 0310300 20mins Automatic Sleep

 03131 Power off and Mute	 03130 Power off but not mute	Automatic storage mode: beyond the transmission distance, automatic storage Internal storage mode: all storage

Hidden、Substitution character type setup code		
 01400 Disable barcode ID Default	 01401 Enable ID before barcode	 01402 Enable ID after barcode
 0201x Disable Hidden charactor before barcode Default	 0200[SPACE] Hidden Space before barcode	
 0203 Disable Hidden charactor after barcode Default	 0202[SP] Hidden charactor n after barcode（"n"mean space）	
 0205- Disable Hidden charactor in the barcode Default	 0204- Hidden - in the barcode	 0204[SPACE] Hidden all space in the barcode
 020600 Disable the 0 in the bar code and replace it with A Default	 02060A Replace 0 with A in the barcode	

Support types please read the comments carefully,no notes means full support

023300 Disable hidden postposition charactor Default	023305 Hide the last 5 characters	023301 Hide the last 1 character
023400 Disable hidden preposition charactor Default	023405 Hide the first 5 characters	023900 Disable hidden middle charactor Default
023905 Hide the middle 5 characters	024004 Start with the fourth character	
0160049 Replace FUNC1 with 1	0161050 Replace FUNC2 with 2	0162051 Replace FUNC3 with 3
0163054 Replace FUNC4 with 4	0182013 Disable Enter key replay Default	0182055 Replace Enter key with 5

RS232 Serial Port Setup code

000701 Baud 600bps	000702 Baud 1200bps	000703 Baud 2400bps
000704 Baud 4800bps	000705 Baud 9600bps Default	000706 Baud 19200bps
000707 Baud 38400bps	000708 Baud 57600bps	000709 Baud 115200bps

Support types please read the comments carefully,no notes means full support

 001200 Serial port no communication	 001201 Serial port XON/OFF agreement	 001202 Serial port RTS/CTS agreement
	 0013020 Serial port communication overtime 2s	 0013050 Serial port communication overtime 5s
 00080 Serial port 8 data bits	 00081 Serial port 7 data bits	 00090 Serial port 1 stop bit
 00091 Serial port 2 stop bits	 001000 Serial port without check	 001001 Serial odd check
 001002 Serial port even check		

Normal function Setup code		
 02501 Enable upload setup code	 02500 Disable upload setup code Default	 01640 Disable FUNC Map Default
 023530 Set the keystroke timeout to 3 seconds note: Laser exclusive Laser Default	 023500 No keystroke timeout CCD Default	 023550 Set keystroke timeout 5s note: Laser exclusive

Support types please read the comments carefully,no notes means full support

02510 Disable	02511 All caps	02512 All lowercase
02513 Case to case conversion	01411 Enable commands to beep	01410 Disable commands to beep
02520 Disable long press processing note：wireless nonsupport	02521 Enable long press processing note：wireless nonsupport	
00161 Forward image recognition Default	00160 Reverse image recognition	001500 Fastest transmission speed
001502 Moderate transmission speed Default	001504 The transmission speed is slightly slower	001506 Transmission speed is the slowest
02301 Enable USB QuickUpload note：wireless nonsupport Default（Not windows Pls off）	02300 Disable USB QuickUpload note：wireless nonsupport	
		If missing characters: 1. Not windows system equipment（Disable USB flash transfer）; 2. PS2 mode connect PS2convert to USB（Set the upload speed）;

Prefix/Suffix Setup

0212@\r Add enter after all bar codes	0213@\r\n Add CRLF after all bar codes	0211@[ETX] Add ETX after all barcodes
0210@ Cancel format character after all barcodes		
0217@[STX] Add STX guide before barcode	0215@ Disable all STX guide before barcode	02240 Enter add prefix mode
02241 Enter add suffix mode	02242 Exit add prefix and suffix mode	02220 Delete all prefix characters
02200 Delete all suffix characters	02340 Enter hide preposition character mode	02341 Enter hide postposition charactor character mode
02342 Enter hide middle character mode	02343 Enter hide the N character mode	

Specific support barcode type set up

 01671 Wireless nonsupport Enable GS1 Omnidirectional	 01670 Wireless nonsupport Disable GS1Omnidirectional Default	 0168j Wireless nonsupport Set ID of GS1 Omnit to j
 01771 Wireless nonsupport Enable GS1 Limited	 01770 Wireless nonsupport Disable GS1 Limited Default	 0178k Wireless nonsupport Set ID of GS1 Limited to k

Language setting code

 0005000 USA, China (English) Default	 0005001 Canada (French) Wireless requires special configuration, see below	 0005002 Netherlands (Dutch) Wireless requires special configuration, see below
 0005003 Spain (Spanish - international) Wireless requires special configuration, see below	 0005004 Argentina (Latin American) Wireless requires special configuration, see below	 0005005 Brazil (Portuguese) Wireless requires special configuration, see below
 0005006 Denmark (Danish) Wireless requires special configuration, see below	 0005007 UK (English) Wireless requires special configuration, see below	 0005008 Italy (Italian142) Wireless requires special configuration, see below
 0005009 France (French) Wireless requires special configuration, see below	 0005010 Germany (German) Wireless requires special configuration, see below	 0005011 Norway (northern sami) Wireless requires special configuration, see below

Support types please read the comments carefully,no notes means full support

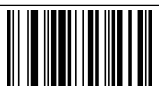
 0005012 Sweden, Finland (Swedish, Finnish) Wireless requires special configuration, see below	 0005013 Slovakia (slovak) Wireless requires special configuration, see below	 0005014 Portugal (Portuguese) Wireless requires special configuration, see below
 0005015 Czech republic (Czech) Wireless requires special configuration, see below	 0005016 Belgium (Dutch) Wireless requires special configuration, see below	 0005017 Turkish-F Wireless requires special configuration, see below
 0005018 Turkish-Q Wireless requires special configuration, see below	 0005019 Poland (Polish 214) Wireless requires special configuration, see below	 0005020 Switzerland (German, French) Wireless requires special configuration, see below
 0005021 Croatia (Croatian) Wireless requires special configuration, see below	 0005022 Hungary (Hungarian) Wireless requires special configuration, see below	 0005023 Japan (Japanese) Wireless requires special configuration, see below
 0005024 Russia (Russian) Wireless requires special configuration, see below	 0005025 Arabic (Egyptian) Wireless requires special configuration, see below	
		note: 1,wireless set up language: 1. PS2 needs to be burned W25Q40 before leaving the factory. 2. Receiver need to be burned EE before leaving factory. If you have the above needs,pls contact and confirm with us.

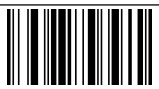
Character table

note：Used to add prefixes and suffixes

 1001 SOH	 1002 STX	 1003 ETX
 1004 EOT	 1005 ENQ	 1006 ACK
 1007 BEL	 1008 Backspace	 1009 TAB
 1010 换行	 1011 VT	 1012 FF
 1013 回车	 1014 SO	 1015 SI
 1016 DLE	 1017 DC1	 1018 DC2
 1019 DC3	 1020 DC4	 1021 NAK
 1022 SYN	 1023 ETB	 1024 CAN
 1025 EM	 1026 SUB	 1027 ESC
 1028 FS	 1029 GS	 1030 RS

 1031 US	 1032 SPACE	 1033 !
 1034 "	 1035 #	 1036 $
 1037 %	 1038 &	 1039 '
 1040 (	 1041)	 1042 *
 1043 +	 1044 ,	 1045 -
 1046 .	 1047 /	 1048 0 note：Used to set addresses, prefixes and suffixes
 1049 1 note：Used to set addresses, prefixes and suffixes	 1050 2 note：Used to set addresses, prefixes and suffixes	 1051 3 note：Used to set addresses, prefixes and suffixes
 1052 4 note：Used to set addresses, prefixes and suffixes	 1053 5 note：Used to set addresses, prefixes and suffixes	 1054 6 note：Used to set addresses, prefixes and suffixes

 1055 7 note：Used to set addresses, prefixes and suffixes	 1056 8 note：Used to set addresses, prefixes and suffixes	 1057 9 note：Used to set addresses, prefixes and suffixes
 1058 :	 1059 ;	 1060 <
 1061 =	 1062 >	 1063 ?
 1064 @	 1065 A	 1066 B
 1067 C	 1068 D	 1069 E
 1070 F	 1071 G	 1072 H
 1073 I	 1074 J	 1075 K
 1076 L	 1077 M	 1078 N
 1079 O	 1080 P	 1081 Q
 1082 R	 1083 S	 1084 T

 1085 U	 1086 V	 1087 W
 1088 X	 1089 Y	 1090 Z
 1091 [	 1092 \	 1093]
 1094 ^	 1095 _	 1096 `
 1097 a	 1098 b	 1099 c
 1100 d	 1101 e	 1102 f
 1103 g	 1104 h	 1105 i
 1106 j	 1107 k	 1108 l
 1109 m	 1110 n	 1111 o
 1112 p	 1113 q	 1114 r
 1115 s	 1116 t	 1117 u

 1118 v	 1119 w	 1120 x
 1121 y	 1122 z	 1123 {
 1124 |	 1125 }	 1126 ~
 1127 Delete	 1128 F1	 1129 F2
 1130 F3	 1131 F4	 1132 F5
 1133 F6	 1134 F7	 1135 F8
 1136 F9	 1137 F10	 1138 F11
 1139 F12	 1140 INSERT	 1141 HOME
 1142 Page up	 1143 Delete	 1144 END
 1145 Page down	 1146 Right arrow	 1147 Left arrow
 1148 Down arrow	 1149 Up arrow	

Bar code Type to open the Settings code		
 00221 Enable code39	 00220 Disable code39	 0031m Set code39 ID to m
 00231 Enable code39FullASCII Default	 00230 Disable code39 FullASCII	 00240 Disable code39 MOD43 check Default
 00241 Enable code39 MOD43 check	 00251 Enable code39 send a check	 00250 Disable code39 send a check
 00280 Disable code39 transmission head Default	 00281 Enable code39 transmission head	
 01950 Disable code32 Default	 01951 Enable code32 note：Impact 39 code	 0212M\t Code39 TAB mode
 01961 Hide code32 system character	 01960 Transmit code32system character	
 003201 Set CODE39 code minimum length to 1 version: V7.53 and later versions use	 003202 Set CODE39 codeminimum length to 2 （Default） version: V7.53 and later versions use	 003203 Set CODE39 codeminimum length to 3 version: V7.53 and later versions use

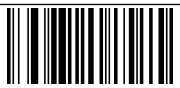
 00321 Set CODE39 code minimum length to 1 version: V7.53 and previous versions use	 00322 Set CODE39 code minimum length to 2 （Default） version: V7.53 and previous versions use	 00323 Set CODE39 code minimum length to 3 version: V7.53 and previous versions use
 00341 Enable UPC-A Default	 00340 Disable UPC-A	 0049e Set ID of UPCA to e
 00391 Enable UPCA switch EAN13	 00390 Disable UPCA switch EAN13 Default	 00421 Transmit UPCA check code Disable
 00420 Do not transmit UPCA check code	 00400 UPCA do not hide system character	 00401 UPCA hide system character
 00351 Enable UPC-E Default	 00350 Disable UPC-E	 0050f Set ID of UPCE to f
	 00381 Enable UPCE switch to UPCA	 00380 Disable UPCE switch UPCA Default
 00431 UPCE hide system charater	 00430 UPCE transmit system character	 00441 UPCE transmit check bit

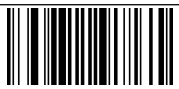
 00440 UPCE do not transmit check bit		
 00361 Enable EAN13 Default	 00360 Disable EAN13	 0051d Set ID of EAN13to d
	 00461 Transmit EAN13 check code Defult	 00460 Do not transmit EAN13 check code
	 00481 Enable EAN13 switch ISBN	 00480 Disable EAN1 switch ISBN Default
	 01501 Enable EAN13 switch ISSN	 01500 Disable EAN13 switch ISSN Default
	 00541 Enable EAN13 repeatedly verified	 00540 Disable EAN13 repeatedly verified
 00371 Enable EAN8 Default	 00370 Disable EAN8	 0052c Set ID EAN8 to c

	 00571 EAN8 transmit check bit Default	 00570 EAN8 do not transmit check bit
	 00561 EAN8 hide system bit	 00560 EAN8 do not hide system bit Default
 00552 Enable 5bits add on code	 00551 Enable 2bits add on code	 00553 Enable 2bits and 5bits add on code
		 00550 Enable add on code Default
 00621 Enable code93 Default	 00620 Disable code93	 0066i Set ID of code93 to i
	 00681 Enable code93 repeatly verified	 00680 Disable code93 repeatly verified Default
	 01901 Enable 93code MOD47 Default	 01900 Disable 93code MOD47

 00691 Enable code128 Default	 00690 Disable code128	 0081a Set ID of code128 to a
	 00840 Disable code128 repeatly verified Default	 00841 Enable code128 repeatly verification
 00851 Enable codabar Default	 00850 Disable codabar	 0094v Set ID of codabar to v
 008704 Set codabar minimum length 4	 00861 Enable codabar Start/Stop Character	 00860 Disable codabarStart/Stop Character Default
 00961 Enable Interleaved 2 of 5 Default	 00960 Disable Interleaved 2 of 5	 0104n Set ID of Interleaved 2 of 5ID to n
 009704 Set Interleaved 2 of 5 minimum length 4		
 00981 Enable Interleaved 2 of 5 verification	 00980 Disable Interleaved 2 of 5 verifica	 00991 Interleaved 2 of 5 do not transmit check

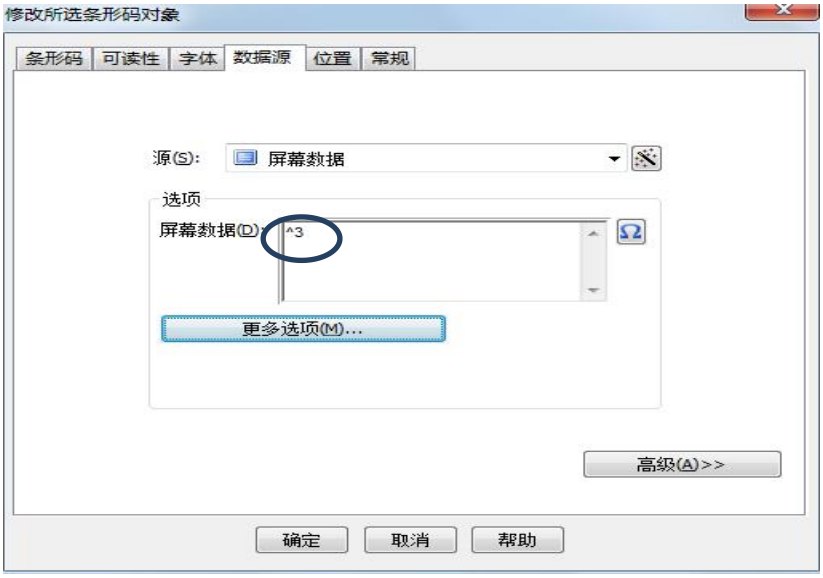
 00990 Interleaved 2 of 5 transmit check	 01001 Enable bank mode	 01000 Disable bank mode
 01061 Enable Code 2 of 5 Industrial Default	 01060 Disable Code 2 of 5 Industrial	 0113o Set ID of Code 2 of 5 Industrial to o
 010703 Set Code 2 of 5 Industrial minimum length 3		
 01151 Enable MSI	 01150 Disable MSI Default	 0053s Set ID of MSI to s
 011804 Set MSI minimum length 4		
 01161 Enable Plessey note: wireless nonsupport	 01160 Disable Plessey note: wireless nonsupport	 0117t Set ID of Plessey to t note: wireless nonsupport
 011903 Set Plessey minimum length 3 note: wireless nonsupport		

 01261 Enable code11 Default	 01260 Disable code11	 0131u Set ID of code11 to u
 012804 Code11 minimum length 4		
 01271 Code11 automatic CK check	 01272 Code11 C check Default	 01273 Code11 CK check
 01461 Enable Matrix 2 of 5 Default	 01460 Disable Matrix 2 of 5	 00147q Set ID of Matrix 2 of 5 to q
	 014802 Matrix 2 of 5 to 2	 014803 Set Matrix 2 of 5 minimum length 3
 01571 Enable Code 2 of 5 China Post	 01570 Disable Code 2 of 5 China Post Default	 0158r Set ID of Code 2 of 5 China Post to r
	 015905 Set Code 2 of 5 China Post minimum length 5	 015907 Set Code 2 of 5 China Post minimum length 7
 01871 Enable Aviation 2 of 5 note: wireless nonsupport	 01870 Disable Aviation 2 of 5 Note:wireless nonsupport Default	 0188p Set ID of Aviation 2 of 5 to p note: wireless nonsupport

	 018907 Set Aviation 2 of 5 minimum length 7 note: wireless nonsupport Default	
 02371 All EAN ISSN	 02370 Disable force EAN transmit ISSN Default	
 02361 All EAN switch ISBN	 02360 Disable force EAN transmit ISBN Default	
 02581 Enable Digit keyboard mode	 02580 Disable Digit keyboard mode	

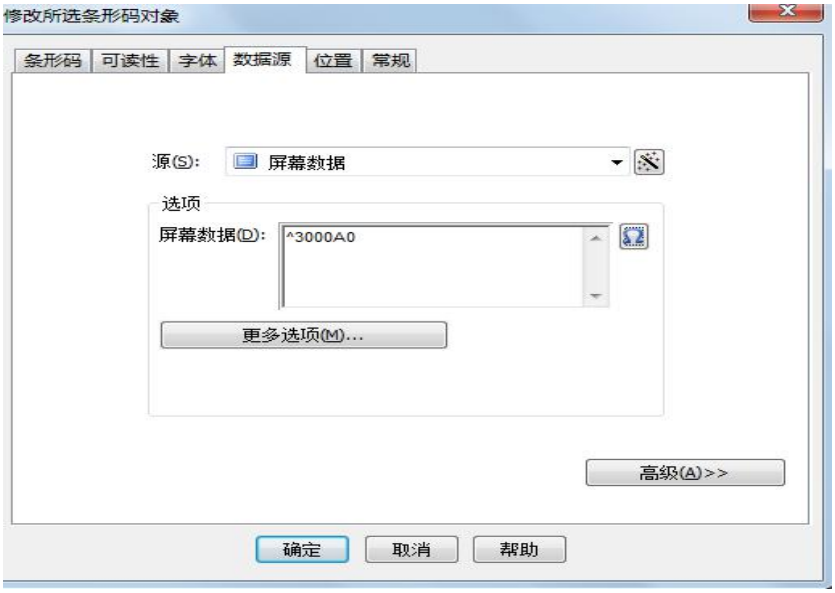
Setup code description

1. Notice: all setup code is code128symbology;
2. All setup code format begin with FUNC3 of code128, add what you need after it;
3. Take BarTender for example, enter FUNC3 as below:



Enter character ^3 represent FUNC3

Such as generation of display version number of this bar code（000A0）:



In general,add ^3 before generating

4：Acquisition of special characters as below：



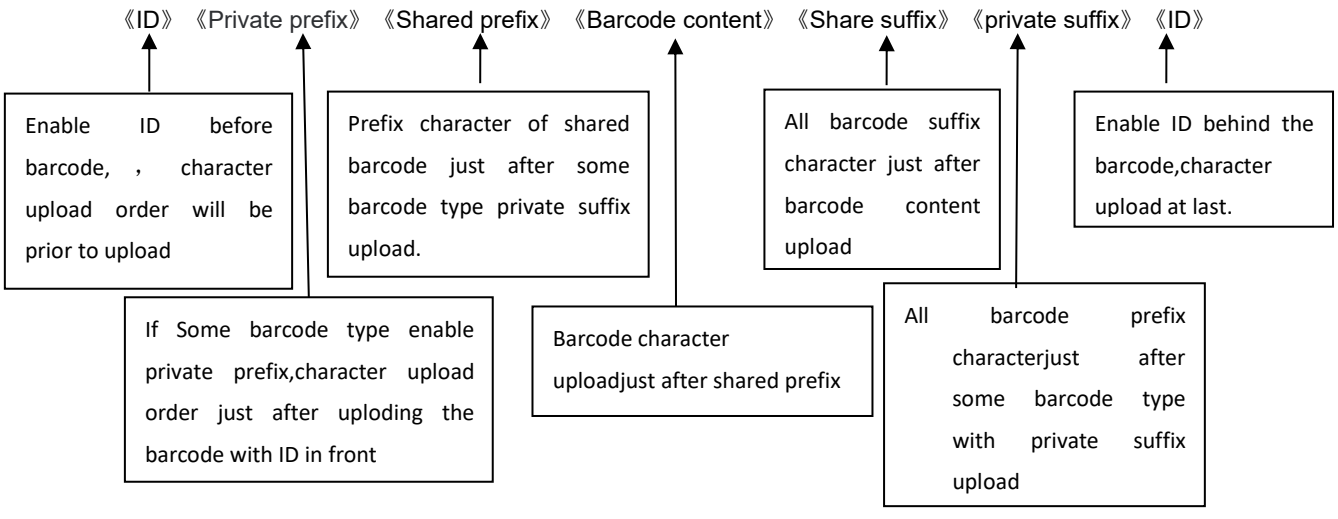
5：Barcode type code Table1

ASCII Code Table 2

All tables are referenced on the last 28-30 pages

Character send order rule

If all the functions listed below are enabled, the rules for character uploading are as follows:



For example:

》CODE 39 123456789 Front ID: A Back ID:A

We set:Enable Shared prefix FF,Private prefix E,Shared suffix TT,Private suffix Y : Enable Front ID and Back ID;

Scan display results: AEFF123456789TTYA

a)Disable: Shared prefix

Scan display results: AE123456789TTYA

b)Then Disable: Private suffix

Scan display results: AE123456789TTA

c)Then disable: Barcode back ID display

Scan display results: AE123456789TT

…….and so on.

Prefix/Suffix setup description

一，Prefix and suffix are divided into“shared prefix and suffix”and “Private prefix and suffix”，The concept of "shared" and "private" is for code system，for example,code39 separately add prefix and suffix and is not affected by other barcode,we call it code39 private prefix and suffix。For example, when scanning code39 , add an I before (after) the barcode，but when scan code128 code, add an a before (after) the code，so in this case needs to distinguish their own barcode type and add their own private suffix. Another case, “shared prefix and suffix”is all barcode system’s shared same prefix or suffix,when ad one prefix or suffix,alll codes are valid.

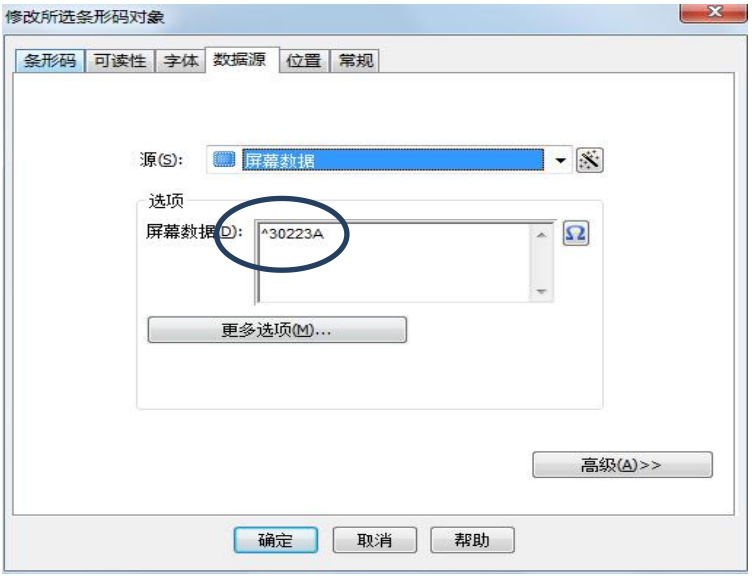
SUC series and SUG series could add maximum 32shared prefixand 32 shared suffix charater,each code could add maximum 3 private prefix and 3 private suffix（By default, a private suffix /CR is added）; SWK series could add maximum 16shared prefix and 16shared suffix,each code could add maximum 2private prefix and 2 private suffix（By default,a private suffix/CR is added).

二，Add prefix method(All use hexadecimal system):

1.Shared prefix setting code：0223X

Definition：add one shared prefix

If all barcode add prefix A,setting code is 0223A，enter below content:

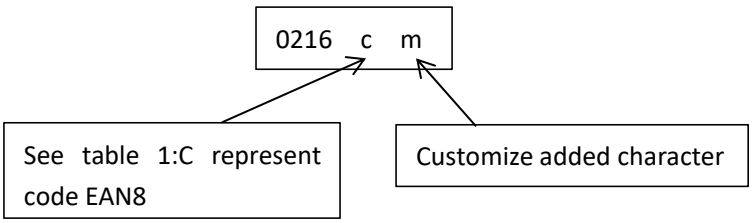


1，Private prefix：0216 n m
0216 nn mm

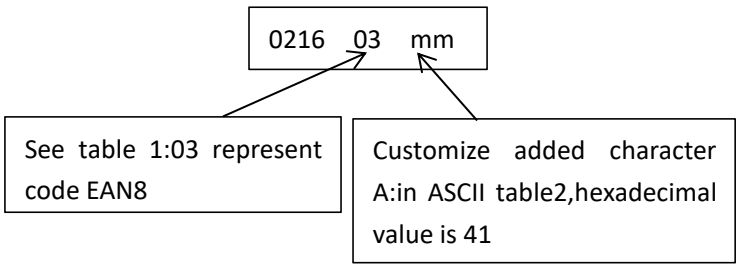
Definition：this setting code is the one to set private prefix,and set based on barcode Table 1 and ASCII（See table 1 and table 2 for details），this setting code could cumulative three times（cumulative：Repeatly scan Setting code），that is,could add maximum 3 private prefix.

For example:

》some barcode type need to add prefix A; eg,need to add A before all code EAN8,setting code is as below:



Setting code: 0216CA



Setting code: 02160341

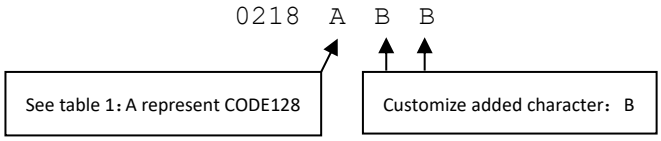
3，Private prefix：0217 n C
0218 n C C

Definition: this code is set based on barcode table 1（see Table 1 for details），this setting code do not

cumulative，setup method is same as 0216 n m ; the differnce is 0218nc could add 2 suffix at the same time..

For example:

》Add 2 prefix BB before CODE128 at the same time,the setting code is:

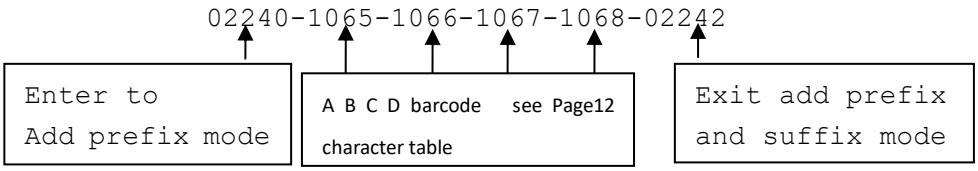


Setting code：0218ABB

4,Share prefix setting code: 02240（enter into add prefix mode）

Definition: shared prefix setting code, enter into add prefix mode,after enter this mode, you could add prefix according to your requirement,maximum cumulative 32shared charaters,, Characters can be acquired by scanning symbols and it's corresponding barcode（View the bar code on page 10-14）,after completing the setting, exit the prefix setting（setting code 02242is exiting prefix and suffix setting mode).

》For example: need to add ABCD before all barcode,step as below:



三, Suffix setting code:

1, share suffix: 0221 n

Definition: add a shared suffix

If add suffix A after barcode,setting code is: 0221A ,

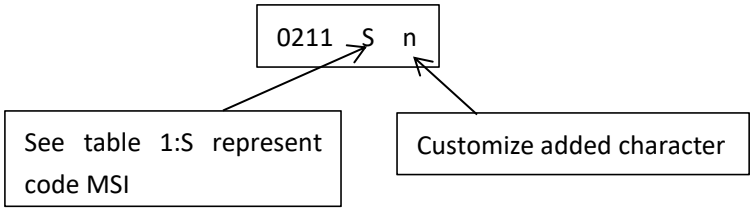
Setting code: 0221A

2, Private suffix: 0211 n m

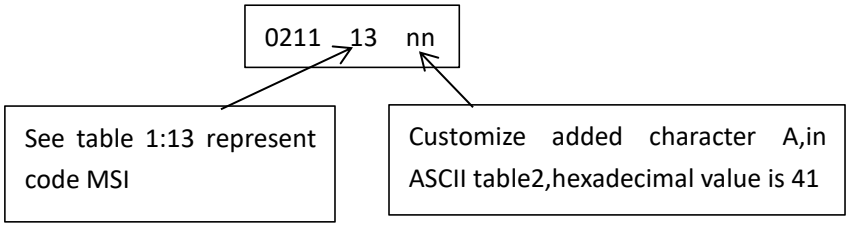
0211 nn mm

Definition: this setting code is the one with private suffix,set based on barcode table1 and ASCII（See table 1 and table 2 for details）, this setting code could cumulative three times（cumulative: Repeatly scan Setting code）, that is,could add maximum 3 private suffix.

》Some type barcode such as adding private suffix A after MSI code,as below:



Setting code: 0211SA



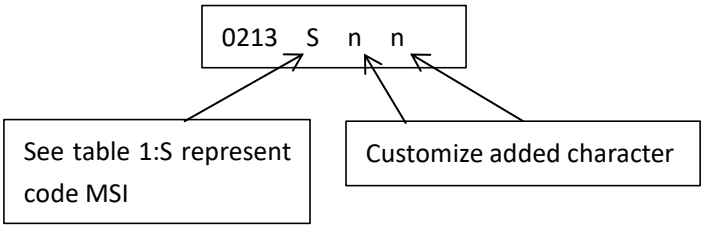
setting code: 02111341

2, Private suffix: 0212 n C
0213 n C C

Definition: this setting code is set based on barcode table1（see table 1）, this setting code do not cumulative, application is same as 0211 n m; the difference is 0213ncc could add 2 suffix at the same time.

For example:

》If add 2 AA suffix after MSI code at the same time,the setting code is:



Setting code: 0218SAA

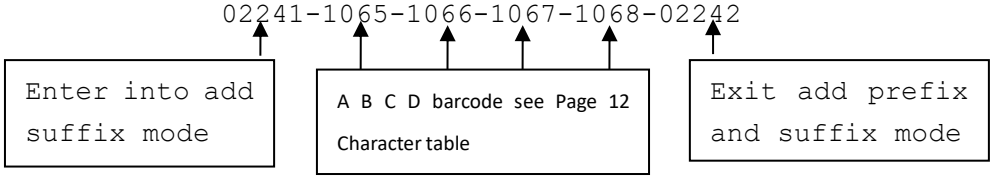
3, Shared suffix: 02241 （enter into add suffix mode）

Definition: shared setting code,enter into add suffix mode,you could add suffix according to your requirement,cumulative maximum 32shared characters,characters can be acquired by scanning symbols and it's corresponding barcode（View the bar code on page 10-14）,after completing the setting, exit the suffix setting（setting code 02242is exiting prefix

and suffix setting mode).

》For example: need to add ABCD before all barcode,step as below:

02241-1065-1066-1067-1068-02242



Sleep time/Key timeout set up

1, Sleep time setting code: 0310nnn

If need XS sleep, calculate based on system（the base is 4）， formula: x/4=NNN

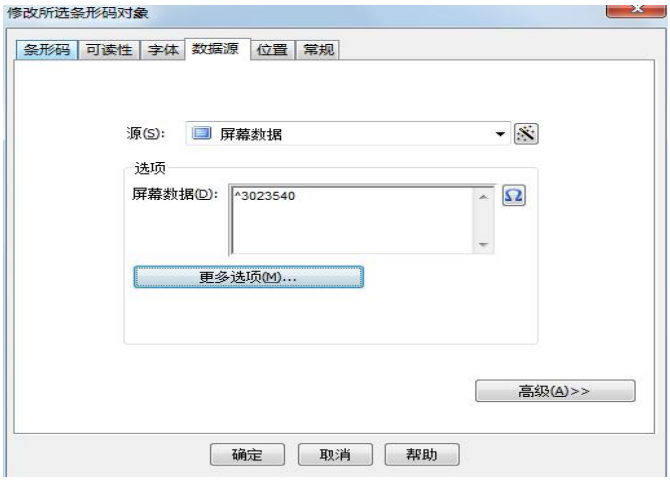
eg: Automatic shutdown required 60 seconds, setting code: 0310015

Automatic shutdown required 60 seconds, setting code: 031075

note: sleep time limit value is 42mins47s

2, Key timeout setting code: 0235nn

If need time out 4S, setting code: 023540



Hide character function introduction

Hide postposition character setting code: 0233nn,if need to hide postposition 5 character,setting code is:023305;

Hide preposition setting code: 0234nn ,eg,023405 is the hidden preposition 5 characters,you just need to change value of number of nn to change the value of hidden character.

Hide middle character,need to use 2 setting code at the same time:0239nn(hide middle nn characters)/0240nn(Start hiding after the first nn character);

》eg,barcode123456789，I need to hide character456，setting code is：023903（hide middle 3 characters） and 024003（Start hiding after the 3th character）Co-use and you could achieve function，get：123789

The same barcode continuous transmit space time description

1 Scan mode： Enable continuous scan but not transmit,setting code:02621，
settingtime length rule:0263tt, Maximum value:255;
Unit: 0.1s
Using hexadecimal system,eg：0263FF Maximum value： 25.5S same barcode do not continuous transmit

2.On：Automatically start continuous scanning without uploading mode, the time setting mode is the same as above;

Divided into two conditions
A: Not reach the same barcode the setting upload time,it'll not upload directly.
B:Reach the same barcode the setting upload time,light barcode has left,two conditions are true，it'll upload.

Inventory mode is single mode,transimit time space setting code is：0314tt

Explanation：tt is time，Using hexadecimal system、unit 0.005s；Default tt is 20，and 0.1S do not transmit，the maximum setting is 255.
eg：0314FF and Maximum value： 1.27S do not continuous transmit

Barcode Type Table 1

@（00） All
A（01） code128
C（03） EAN8
D（04） EAN13
E（05） UPCA
F（06） UPCE
I（09） CODE93
J（0A） GS1 OMNI
K（0B） GS1 LIMI
M（0D） CODE39
N（0E）Interleaved 2 of 5
O（0F）Code 2 of 5 Industrial
P（10）Code 2 of 5 Aviation
Q（11）Matrix 2 of 5
R（12）CodeCode 2 of 5 China Post
S（13） MSI
T（14） PLESSEY
U（15） CODE11
V（16） CODABAR

Special key corresponding code value table(standard character according to ASCIIcode value):

```
F1 = 0x80;  F2 = 0x81;  F3 = 0x82;  F4 = 0x83; F5  = 0x84;
F6 = 0x85;  F7 = 0x86;  F8 = 0x87;  F9 = 0x88; F10 = 0x89;
F11 = 0x8A; F12 = 0x8B;

Insert = 0x8C;      Home = 0x8D;      Page up = 0x8E;
Delete = 0x8F;      End = 0x90;       Page down = 0x91;
Right = 0x92;       Left = 0x93;      Down = 0x94;
Up = 0x95;
```

Eg.assign CODE93 add STX prefix，according to ASCII value for STX 0x02,

The setting code content that should be printed is

Method 1:

ASCII = [F3]‘0’‘2’‘1’‘6’‘I’ [STX]

Binary system = [F3] + 0x30 + 0x32 + 0x31 + 0x37 + 0x49 + 0x02

Setting code diagram 

Method 2:

ASCII = [F3] + '0' + '2' + '1' + '6' + '0' + '9' + '0' + '2'

For another example CODE93 add Home prefix:

ASCII = [F3] + '0' + '2' + '1' + '6' + '0' + '9' + '8' + 'D'

(note: code93 corresponding 09<The values of each code see on the previous page>, home key value 0x8D)

ASCII Table 2

Decimal value	Hexadecimal value	Character		Decimal value	Hexadecimal value	Character
0	0	null		16	10	DLE
1	1	SOH		17	11	DC 1
2	2	STX		18	12	DC2
3	3	ETX		19	13	DC 3
4	4	EOT		20	14	DC 4
5	5	ENQ		21	15	NAK
6	6	ACK		22	16	S
7	7	BEL		23	17	TB
8	8	BS		24	18	CAN
9	9	HT		25	19	EM
10	0A	LF		26	1A	SUB
11	0B	VT		27	1B	ESC
12	0C	FF		28	1C	FS
13	0D	CR		29	1D	GS
14	0E	SO		30	1E	RS
15	SI	shift-in		31	1F	US
32	20	space		80	50	P
33	21	!		81	51	Q
34	22	″		82	52	R
35	23	#		83	53	S
36	24	$		84	54	T
37	25	%		85	55	U
38	26	&		86	56	V
39	27	’		87	57	w
40	28	(		88	58	X
41	29	)		89	59	Y
42	2A	*		90	5A	Z

43	2B	+		91	5B	[
44	2C	,		92	5C	\
45	2D	-		93	5D	]
46	2E	.		94	5E	^
47	2F	/		95	5F	_
48	30	0		96	60	`
49	31	1		97	61	a
50	32	2		98	62	b
51	33	3		99	63	c
52	34	4		100	64	d
53	35	5		101	65	e
54	36	6		102	66	f
55	37	7		103	67	g
56	38	8		104	68	h
57	39	9		105	69	i
58	3A	:		106	6A	j
59	3B	;		107	6B	k
60	3C	<		108	6C	l
61	3D	=		109	6D	m
62	3E	>		110	6E	n
63	3F	?		111	6F	o
64	40	@		112	70	p
65	41	A		113	71	q
66	42	B		114	72	r
67	43	C		115	73	s
68	44	D		116	74	t
69	45	E		117	75	u
70	46	F		118	76	v
71	47	G		119	77	w
72	48	H		120	78	x
73	49	I		121	79	y
74	4A	J		122	7A	z
75	4B	K		123	7B	{
76	4C	L		124	7C	|
77	4D	M		125	7D	}
78	4E	N		126	7E	~
79	4F	O		127	7F	DEL

Revision history:

V2.04: [1] revise UPCA:Whether sending system character definition error

00401 与 00400 definition and mean exchange。

V3.00: [1] Add code11 check setup

[2]Add EAN cast ISSN and ISBN

[3] Add standard mode setup

- V3.10: [1] Add 《USB software》Interface setup

V3.11: [1] Add 《Hide middle character》set up

[2] Add《Display SN》set up

[3] Add《Internal version number》set up

V3.12: Add Prefix/Suffix setup code introduction

V3.20: [1] Remove calibration mode, The calibration method change to scan code calibration

[2]Add phase correction to enable on and off

[3] Prefix and suffix character change

V4.00:(1)Add wireless setting code

（2）Add switch the size code

V4.2: (1)Collate and classify the setting code

(2)Add prefixes and suffixes introduction

- （3）CCD interface mode

V4.3: (1)Add setting code introduction

（2）GS1 Support correction

（3）USB Add intermediate speed

(4)Add ASCLL Table 1, for setting use

V4.4:（1）Change sleep time Settings first

V4.5:Fixed sleep time,remove two wireless Setting codes

V4.6: 1)Add setting code off/on

2）Add Interleaved 2 of 5 setting function

3）Add HID mode

V4.7:1)Delete useless setting code

2）Modify the minimum bit setting code

3）Collated format

V4.8:1)Modify 014300 Setting code graph

2）Add sound frequency setup

V4.9: 1)Modify CODE 39One digit barcode setting definition

2）Add page number on left foot

3）Specify prefix/suffix and hidden character

V5.0:1)Add hidden character description

V5.1:1)Modify volume setting code

V5.2:1)Add Turn off and mute mode

2）the same barcode continuous upload time interval setting code description

V5.3: Delete error setting code