The Content Setting of Wireless part

I、The setting of function


Receiver pairing


＊Bluetooth BLE-HID pairing
(Use with Bluetooth functionality)


Bluetooth BLE pass through mode
(Use with Bluetooth functionality)


Battery electric power display

Note: Long press the button for 18 seconds to switch back and forth between the BLE- HID and the receiver!

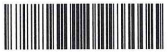

Turn off Wireless restore


factory Settings


USB Virtual serial port


＊USB HID keyboard

II、The setting of work mode


＊Real time mode


Inventory mode


No loss mode


The total number of inventory data


Upload the inventory data


Clear the inventory data

III、The setting of the sleep time


The setting of the sleep time

Operation instructions: first scan the code "The setting of the sleep time", and then scan the required time "XX seconds".


20 seconds


30 seconds


60 seconds


2 minutes


5 minutes


10 minutes


20 minutes


8 hours


no sleep time

IV、The setting of USB upload speed


0.1 second


0.5 second


1 second


2 second

V、The setting of ISO virtual keyboard

Display/hide ISO virtual keyboard open and close (Double click the key to display/ hide the ISO virtual keyboard)

VI、The Conversion of letters to case


*No conversion


Inverse case


All uppercase


All lowercase

VII、The setting of Bar code ID

ID editing instructions: scan the "edit the ID " setting code first, and then scan the two digits in the wireless parameter setting code. If the editing is successful, the buzzer will ring twice, and there will be a space between ID and bar code data.


Edit the ID


Display the ID


*Hide the ID

VIII、ID parameter setting code


0


1


2


3


4


5


6


7


8


9

IX、Multiple languages (ASII code keyboard input)


* English


German (Germany)


French (France)


Italian (Italy)


Portuguese (Portugal)


Span ish (Spain)


Finnish


The Czech republic


The Japanese keyboard


Span ish (Mexico)


Portugal (Brazil)


Southern Sami (Norway)


Turkish

X、 Upload data encoding format and language (support: Chinese, Japanese, Russian, Korean, Thai)

1 : Input format selection


*WORD/ TXT input (ANSI Coding format)


Communication software input (Unicode encoding format)

2 : Data and language selection


Chinese (ANSI/UNICODE)


Korean (ANSI/UNICODE)


Western Europe (ANSI/UNICODE)


Japanese (ANSI/UNICODE)


Russia (866 -ANSI/UNICODE)


Russia (1251 -UNICODE)


Russia (KOI8_R- UNICODE)


Western Europe (1252 -UNICODE)


Thai (874 -ANSI/UNICODE)

XI、 Bluetooth Name Change Operation Instruction (Use with Bluetooth functionality)

1 : The Bluetooth device name default: "BLE SCAN" 8 characters (can display a total of 16 characters).

2 : Modify the blue tooth name by adding 8 fixed characters : "%% BDNM: X "; The eighth character X, represents the number of the next 16 valid characters. The customer can set the value of X (Note: When X exceeds the number 9, replace it with the letters A to G, where A stands for 10 characters and G for 16 characters) : The maximum number of valid characters is 16. If the number of valid characters is more than 16, the setting will be invalid. The 16 valid characters can be edited freely. For example: the combination of numbers, letters, and symbols.

3 : After successful setting, the device will automatically shut down.

4: After rebooting, if the original device has been matched with the phone, the phone will also display the original device name. You need to cancel the original device name and then match, search and reconnect it. After connecting, the changed device setting name will be displayed.

5: The four numbers after the blue tooth name are randomly generated ID numbers, which cannot be set by the customer.

For Example :

1 : Set the character as: %%BDNM:8BLE SCAN Display the device name: BLE SCAN

%%BDNM:8BLE SCAN

2 : %%BDNM:1Q123456-7 Display the device name: Q

%%BDNM:1Q123456-7

3 :%%BDNM:9Q123456-7 Display the device name: Q123456-7

%%BDNM:9Q123456-7

4 : %%BDNM:F123456789AABBCC Display the device name:123456789AABBCC

%%BDNM:F123456789AABBCC

Instructions: The "%%BDNM: 8" is the prefix character for the generated device name, which will not be shown in the device name. The number "8" represents that the BLE SCAN device names can display up to 8 characters.

Decoding functionoperation instructions

restore the factory settings

I、The setup of scanning mode

Manual mode

Self induction mode

Continuous sweep mode

Note: After reading the "Continuous Scan Mode", you can press the button once to scan continuously; If you press it again, the device will shut down. Loop in turn.

II、Bar code enable and disable Settings

Enable all bar codes

Disallow all one-dimensional bar codes

Enable all one-dimensional bar codes

Disallow all bar codes

Disallow all two-dimensional bar codes

Enable all two-dimensional bar codes

III、Set the prefix

Disallow the prefix

Enable the prefix

Set the prefix

Description: The operation of setting the bar code prefix character to "A" is as follows: Read "Enable Prefix" - "Set Prefix" - "Parameter Setting Code 4" - "Parameter Setting Code 1" - "Save Settings" in sequence. When setting the content of the character, please refer to the "Parameter Bar Code and the corresponding representative character table".

IV、Set the suffix

Disallow the suffix

Enable the suffix

Set the suffix

Description: If the suffix character of the bar code is set to "B", the operation is as follows: Read "Enable suffix" - "Settings suffix" - "Parameter Setting Code 4" - "Parameter Setting Code 2" - "Save Settings" in order. When setting the content of the character, please refer to the "Parameter Bar Code and the corresponding representative character table".

V、Heavy code delay setting

open heavy code delay

cancel heavy code delay

enable heavy code delay

Note: In the setting, a millisecond is the unit, that is, 1 second = 1000 milliseconds; The maximum delay time is 1 hour, i.e. 3600000 milliseconds. For example: Set the same bar code delay of 5 seconds, the specific operations are as follows: read "Open heavy code delay" - read again (parameter bar code setting) in the code "5" - "0" (0 read 3 times) - "save" - "enable code delay".

VI、The deletion and retention of bar code information

Ban

enable to retain

enable to delete

Before the bar code

After the bar code

Start position (default 0)

the numbers of retaining or deleting

ustration:

1. Retain Settings: Taking the bar code 6971186080558 as an example, we only keep the first 5 bits; The setting order is as follows: read "enable to retain" - "before the bar code" - "retain or delete number" - re-read (parameter setting code) "0" - "5" - "save" in turn. At this time, the bar code data content will change to 69711.
2. Delete Settings: Taking the bar code 6971186080558 as an example, we only delete the first 5 bits; The setting order is as follows: read "enable to delete" - "before the bar code" - "retain or delete number" - re-read (parameter setting code) "0" - "5" - "save" in turn. At this time, the bar code data content will change to 86080558.
3. The retention operation of bar code intermediate character : Taking the bar code 6971186080558 as an example, we just want to keep the bar code in 3 characters of the former two characters, operation as follows, to read: "enable to retain" - "before the bar code" - "the starting position (0)" - re-read (" 0 " - " 2 " in parameter setting code) - " save " - " retain or delete the number "- read (" 0 " - " 3 " in parameter setting code), and "save". At this time, what we read on the bar code data and the content will become 711.

<u>Similarly, after the bar code, the operation of retention, deletion or intermediate character can refer to the settings mentioned above.</u>

VII、The basic settings of commonly used bar code basic Settings

ENA－8 set

No check character are passed

Read the 2 bit extension code

Read the 5 bit extension code

EAN 13 set

No check character are passed

Read the 2 bit extension code

Read the 5 bit extension code

UPC－E set

No check character are passed

Read the 2 bit extension code

Read the 5 bit extension code

UPC－A set

No check character are passed

Read the 2 bit extension code

Read the 5 bit extension code

VIII、dimensional inverseolor bar code reading

Read the black bar code only, color bar code

Read the the inverse color bar code only,

Positive and negative

IX、The basic setting of commonly used 2D bar code

QR code set

Only positive bar codes are recognized

Only negative bar codes are recognized

Both positive and negative bar codes are recognized

Output QR ECI

no output QR ECI

Data Matrix set

Only positive bar codes are recognized are recognized

Only negative bar codes are recognized

Both positive and negative bar codes are recognized

PDF 417 set

Only positive bar codes are recognized

Only negative bar codes are recognized

Both positive and negative bar codes are recognized

MicroPDF417

ban

enable

MicroQRcode

ban

enable

Aztec

ban

enable

Maxicode

ban

enable

X、Data editing function

The data editing function can satisfy the user's arbitrary modification of the content of the bar code, so as to meet the needs of their own bar code output data.

Brief description of the operation steps:

1. Scan the "Set Replacement Object" first, then scan the "Parameter Settings Code" character.
2. Scan "Set Replacement Data" and then scan the "Parameter Settings Code" character.
3. Finally, scan "Enable Data Replacement" to realize character replacement.
4. At this point, the setting process is completed, and the corresponding bar code character can be replaced by scanning the code.

For example, set the replaced object as "XY" and replace it with "AB". (Does not force matching length, and support any length substitution. For example, A is replaced by BC, or AB is replaced by C). The operation is as follows:

(1) Scan "Set the replacement object ".

Set the replacement object

Find the List of Parameter Bar Codes and Corresponding Representative Characters; The corresponding values of "XY" are 58, 59 (® formula is 2-bit hexadecimal), read 5, 8, 5, 9, and save in "Parameter Setting Code" in turn.

5

8

5

9

save

(2)Scan "set replacement data "

Set the replacement data

Find the List of Parameter Bar Codes and Corresponding Representative Characters; The corresponding values of "AB" : 41, 42 (® is 2-bit hexadecimal) read 4, 1, 4, 2 and save in the "Parameter Setting Code" in turn.

4

1

4

2

save

(3) Re-reads < replaced object > and < replaced data>

These two functions are mainly used to detect whether there are any errors in the setting process. In general, if you think you are in a right way, you can omit thesetwo steps!

Re-reads <replaced object>

Re-reads <replaced data>

(4) Scan < enable to replace > code, to achieve the replacement function.

Enable to replace

Prohibit to replace

Effect demonstration:

0123 XY 45 YX 6 YXY 89

The original data of the bar code is

0123XY45YX6YXY89

The data after XY is replaced by A

0123AB45YX6YAB89

XI、Replaceme nt of the GS delimiter

Set the replacement object

For example: Replace the GS delimiter "】" with "} ". Read the following setting codes in turn:

Find the List of Parameter Bar codes and Corresponding Representative Characters; The corresponding value of "GS" : 1d is read in turn, 1, D, save in "Parameter Settings Code".

1

D

Save

Set the replacement data

7

D

Save

Find the List of Parameter Bar Codes and Corresponding Representative Characters : "}" The value of the corresponding : 7D, Read "Parameter Settings Code" in turn 7 D and save

Enable to replace

Prohibit to replace

Effect demonstration:

Eurocode

before setting: 0105703265550093212010166864315417201016106830 98

after setting: 0105703265550093212010166864315417201016106830 98

XII、Prefix (function key) setting

F1 F2 F3 F4

F5 F6 F7 F8

F9 F10 F11 F12

Unprefix function key F1-F12

XIII、End suffix (function key) setting

ban (no enter) 0x0D(enter) 0x0D 0x0A(line feed) TAB

HOME F1 F2 F3

F4 F5 F6 F7

F8 F9 F10 F11

F12

fourteen. Parameter setting code


0


1


2


3


4


5


6


7


8


9


A


B


C


D


E


F


Save the settings

appendix. Table of Parameter Bar Codes and their Corresponding Characters

Parameter Bar Code	Corresponding Character	Parameter Bar Code	Corresponding Character	Parameter Bar Code	Corresponding Character	Parameter Bar Code	Corresponding Character	Parameter CoBar de	Corresponding Character
2 d	-	4 4	D	5 b	[	7 2	r	2 b	+
2 e	.	4 5	E	5 c	\	7 3	s	2 c	,
2 f	/	4 6	F	5 d	]	7 4	t		
3 0	0	4 7	G	5 e	^	7 5	u		
3 1	1	4 8	H	5 f	_	7 6	v		
3 2	2	4 9	I	6 0	`	7 7	w		
3 3	3	4 a	J	6 1	a	7 8	x		
3 4	4	4 b	K	6 2	b	7 9	y		
3 5	5	4 c	L	6 3	c	7 a	z		
3 6	6	4 d	M	6 4	d	7 b	{		
3 7	7	4 e	N	6 5	e	7 c	|		
3 8	8	4 f	O	6 6	f	7 d	}		
3 9	9	5 0	P	6 7	g	7 e	~		
3 a	:	5 1	Q	6 8	h	2 1	!		
3 b	;	5 2	R	6 9	i	2 2	"		
3 c	<	5 3	S	6 a	j	2 3	#		
3 d	=	5 4	T	6 b	k	2 4	$		
3 e	>	5 5	U	6 c	l	2 5	%		
3 f	?	5 6	V	6 d	m	2 6	&		
4 0	@	5 7	W	6 e	n	2 7	`		
4 1	A	5 8	X	6 f	o	2 8	(		
4 2	B	5 9	Y	7 0	p	2 9	)		
4 3	C	5 a	Z	7 1	q	2 a	*		