Skipper

Wireless barcode Scanner 1D

Setting manual

Note: When the 2.4G wireless scanner is selected separately, the related Bluetooth function is not supported.

目录

Use instructions

All the functions of this barcode scanner are set by scanning the setting barcodes. First, scan "enter setup mode" barcode, and then scan the function barcode to be set, then scan the "exit setup mode" barcode after finishing setting. Some common function barcodes can scan the function barcode directly to complete the setting. This kind of barcode identification is ★, such as "★ power display".

Enter Setup Mode

Exit Setup Mode

Note: The wireless version supports the setting function without entering or exiting the setting after 1.18D.

Restore Wireless Parameters

If in use of the process, accidentally scan to other function settings code, which led to the scanning function can not be used normally, through the scan initialization barcode to restore to the initialization state.

Restore Wireless Parameters

Instructions for use:

You are most likely to use this barcode in the following situations:

1. Scanner settings are wrong, such as barcodes that cannot be recognized.

2. You forgot what settings you made to the scanner before, and you don't want to use the previous settings.

3. Set the scanner to use some infrequently used functions, and use it after completion.

Set custom default settings

By setting custom default settings, you can set the default values of the wireless parameters of the wireless barcode device to the required functions. Scan the "Enter Setting Mode" barcode first, then scan the required wireless parameter function, and then scan the "Exit Setting Mode" barcode after the setting is complete. After the setting is completed, the existing functions will replace the original factory default values, and the wireless parameters will not be restored to the original state even if the settings are restored.

%%SpecCode92

%%SpecCode92

Set custom default settings

Version number

Use the scanner to scan and view the version number barcode, you can view the current scanner wireless software version number information,

%%SpecCode39

%%SpecCode39

Display version information

Prompt sound setting

High Volume*

Medium volume

Low volume

Turn sound off

Prompt audio frequency

%%SpecCode7C

2048MHz

%%SpecCode7D

2730MHz

Power display

When the user needs to check the current scanner battery level, he can directly scan the "battery display" setting bar code to view the current scanner battery level.

%%SpecCode15

Power display

Sleep time setting

%%SpecCode30

%%SpecCode30

Sleep Interval 30s

%%SpecCode31

%%SpecCode31

Sleep Interval 1min

%%SpecCode32

%%SpecCode32

Sleep Interval 2min

%%SpecCode33

%%SpecCode33

Sleep Interval 5min* (default)

%%SpecCode34

%%SpecCode34

Sleep Interval 10min

%%SpecCode35

%%SpecCode35

Sleep Interval 30min

%%SpecCode36

%%SpecCode36

Never Sleep

%%SpecCode38

%%SpecCode38

Sleep Immediately

USB keyboard output Chinese

The barcode reader supports wireless 2.4G or wired USB interface to output Chinese

%%SpecCodeB5

%%SpecCodeB5

GBK encoding (notepad, Excel, etc.)

%%SpecCodeB4

%%SpecCodeB4

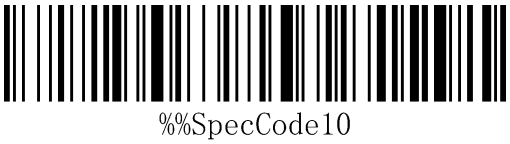
Unicode encoding (WORD, QQ, etc.)

Wireless working mode

The wireless scanner has three different working modes: synchronous mode, asynchronous mode, and storage mode. The operation mode is switched by different setting codes.

synchronous mode

Synchronization mode is also called normal mode. After the synchronization mode is set, the user scans the normal bar code, which is scanned and transmitted, and discarded when disconnected



Synchronous mode*

Storage mode

The storage mode is also called the inventory mode and the warehouse mode. After setting the storage mode, the user scans the ordinary barcode, the barcode information will not be uploaded directly to the host device, but will be stored in the storage memory of the scanner. If you need to view the data stored in the scanner, you can upload or clear data through data control, as well as statistical barcode data.

When the scanner is powered off or shut down, the data stored in the scanner will not be lost unless all data is cleared.

Storage Mode

Data control

Data control is used for scanner processing the data in storage mode

Upload all data

When the user needs to upload the data stored on the barcode device to the computer or mobile device, scan "Upload All Data" to upload the data to the computer or mobile device.

When uploading all data in any working mode, the barcode stored in the original barcode device will not be deleted after the data is uploaded successfully, unless all barcodes are cleared by scanning.

Upload all data

Total number of uploaded data

When the user needs to count the total number of data stored in the barcode, scanning the "Total Upload Data" can upload the total number of data stored in the barcode device to a computer or mobile device.

Total number of uploaded data

Clear all data

When the user needs to clear the data stored in the barcode device, scan "Data Clear" to clear all the data stored in the barcode device.

Clear all data

Communication mode

This scanner can not only support wireless communication, but also wired communication. When using a wired connection to the scanner, the scanner automatically switches to wired transmission.

USB-COM virtual serial port

The USB virtual serial port supports the use of 2.4G mode wireless virtual serial ports and wired USB virtual serial ports. Whether you use wired or wireless virtual serial ports, you need to install a virtual serial port driver.

USB-COM

Wireless 2.4G mode

It is suitable for devices that can be plugged into a 2.4G receiver, and can directly use text output, which is equivalent to USB keyboard input.

Wireless 2.4G mode

Bluetooth HID mode

It is suitable for the devices that support Bluetooth, such as mobile phones, pads, laptops with Bluetooth, etc. After the connection is successful, you can use direct text input, which is equivalent to the virtual keyboard input method of this type of device.

Bluetooth HID mode

Bluetooth SPP mode

It is suitable for the devices that support Bluetooth, such as mobile phones, pads, laptops with Bluetooth, etc. When using SPP to transparently transmit data, you need to download or develop classic Bluetooth SPP transparent transmission software to use it. The SPP mode is suitable for mass data transmission.

Bluetooth SPP mode

Bluetooth BLE mode

It is suitable for the devices that support Bluetooth, such as mobile phones, pads, laptops with Bluetooth, etc. When using BLE to transparently transmit data, you need to download or develop low-power Bluetooth BLE transparent transmission software before it can be used. BLE mode is suitable for small amount of data transmission.

Bluetooth BLE mode

Virtual Bluetooth mode

Virtual Bluetooth is suitable for connecting to a host without Bluetooth and does not need to install a Bluetooth driver. When using virtual Bluetooth mode, you need to use a dedicated

Virtual Bluetooth mode

Wireless pairing settings

Wireless 2.4G pairing steps (receiver pairing)

Support XP, Win7, Win8, Win10, MAC OS, etc

Step 1: Scan the "Wireless 2.4G Mode" setting code

When setting the wireless 2.4G mode, it will give priority to connect to the last paired receiver by default.

%%SpecCodeA8

%%SpecCodeA8

Wireless 2.4G mode

Step 2: Scan the "Forced Pairing" setting code to enter the pairing state, and the blue light on the left will flash quickly.

%%SpecCode99

%%SpecCode99

Forced pairing

Step 3: Plug in Dongle (receiver) and hear a “Di” beep, indicating that the connection and pairing is successful. The blue indicator light on the right is always on.

Note:

When the scanner is in the pairing state, you can exit the pairing state by double-clicking the button twice or the pairing timeout for 1 minute.

Virtual Bluetooth pairing steps (virtual Bluetooth receiver pairing)

Support XP, Win7, Win8, Win10, MAC OS, etc.

Step 1: Scan the "Virtual Bluetooth Mode" setting code When setting the wireless 2.4G mode, it will give priority to connect to the last paired receiver by default.
 %%SpecCodeA9  %%SpecCodeA9
Virtual Bluetooth mode
Step 2: Scan the "Forced Pairing" setting code to enter the pairing state, and the blue light flashes quickly.
 %%SpecCode99  %%SpecCode99
Forced pairing
Step 3: Plug in Dongle (receiver) and hear a “Di” beep, indicating that the connection and pairing is successful. The blue indicator light is always on.

Note:

When the scanner is in the pairing state, you can exit the pairing state by double-clicking the button twice or the pairing timeout for 1 minute.

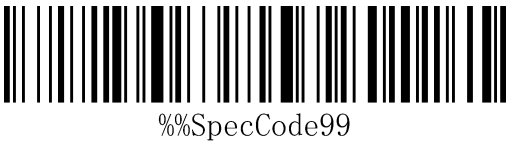
Bluetooth HID pairing steps

Step 1: Scan the "Bluetooth HID Mode" setting code

When setting the wireless bluetooth HID mode, it will give priority to connect to the last paired bluetooth by default.

Bluetooth HID mode

Step 2: Scan the "Forced Pairing" setting code to enter the pairing state, and the blue light on the left will flash quickly



Forced pairing

Note: Press and hold the button for 8 seconds, and then release the button to enter the Bluetooth HID pairing state (this function needs to be turned on).

Step 3: Turn on Bluetooth in the device and search for "BarCode Bluetooth HID".

Step 4: Click "BarCode Bluetooth HID" Bluetooth device to enter the pairing state.

Step 5: When you hear a “Di” beep, it means the connection and pairing is successful, and the blue indicator light on the right side is always on.

Note: When the scanner is in the pairing state, you can exit the pairing state by double-clicking the button twice or the pairing timeout for 1 minute.

Bluetooth SPP pairing steps

Step 1: Scan the "Bluetooth SPP Mode" setting code

When setting the wireless Bluetooth SPP mode, it will automatically enter the SPP mode and enter the broadcast state by default. You can directly click the BarCode Bluetooth SPP device in the SPP software to pair.

%%SpecCodeAB

%%SpecCodeAB

Bluetooth SPP mode

Step 2: Search for "BarCode Bluetooth SPP" in the SPP transparent transmission software

Step 3: Click the "BarCode Bluetooth SPP" Bluetooth device to enter the pairing state

Step 4: When you hear a “Di” beep, it means the connection and pairing is successful, and the blue indicator light is on

Bluetooth BLE pairing steps

Step 1: Scan the "Bluetooth SPP Mode" setting code

When setting the wireless Bluetooth BLE mode, it will automatically enter the BLE mode and enter the broadcast state by default. You can directly click the BarCode Bluetooth BLE device to pair in the BLE software.

%%SpecCodeAC

%%SpecCodeAC

蓝牙 BLE 模式 / Bluetooth BLE mode

Step 2: Search for "BarCode Bluetooth BLE" in the SPP transparent transmission software

Step 3: Click the "BarCode Bluetooth BLE" Bluetooth device to enter the pairing state.

Step 4: When you hear a “Di” beep, it means the connection and pairing is successful, and the blue indicator light is on.

Bluetooth mode function configuration

Long press for 8 seconds to enter Bluetooth HID search

When using a Bluetooth barcode reader, turn on and hold for 8 seconds to enter the Bluetooth HID search, and the Bluetooth configuration connection can be made faster.

Turn on long press for 8 seconds to enter Bluetooth HID search

Turn off Long press for 8 seconds to enter Bluetooth HID search

IOS system HID virtual keyboard setting

When using Bluetooth HID mode to connect to IOS system, scan "Show or hide IOS keyboard" to show or hide IOS keyboard

%%SpecCode1A

%%SpecCode1A

Show or hide the IOS keyboard

Users can also set to quickly show or hide the IOS keyboard. When the double-click to display the IOS keyboard function is enabled, the IOS virtual keyboard can be called up by quickly clicking the scanner button

%%SpecCode7B

%%SpecCode7B

Turn on double-click to display the IOS keyboard function (HID mode)

%%SpecCode7A

%%SpecCode7A

Turn off the double-click to display the IOS keyboard function (HID mode)

For Android system keyboard display, please contact the supplier to obtain the Bluetooth input method APP (due to the Android system, some mobile phone manufacturers support the virtual keyboard when connected to the Bluetooth scanner)

Bluetooth HID upload speed setting

When using Bluetooth HID to connect to a Bluetooth host, the upload speed of the Bluetooth scanner can be adjusted according to the response capability of the Bluetooth host. If the uploaded content is messy or missing, please lower the speed.

Fast upload

Medium upload* (default)

Low upload

Ultra low upload

Set Bluetooth name settings

Use the following steps to customize the Bluetooth name of Bluetooth HID, SPP and BLE.

The steps are as follows

Step 1: Scan the "Custom Bluetooth Name" setting code

Custom Bluetooth name

Step 2: Scan the Bluetooth name barcode.

Note: The default name of Bluetooth is "Barcode Scanner". After setting through this step, this barcode will be set to the name of Bluetooth.

a) The name can only be set up to 16 bytes. If the name bar code exceeds 16 bytes, the scanner will only take the first 16 bytes as the Bluetooth name.

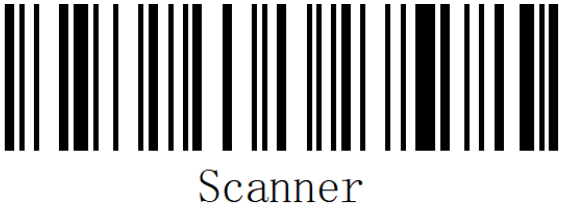
b) The complete Bluetooth name includes: Bluetooth name + protocol type, and only supports to modify the Bluetooth name. After modifying the Bluetooth name, the names of all Bluetooth protocols have been changed.

Example: Set the Bluetooth name to: Scanner.

Step 1: Scan the "Custom Bluetooth Name" setting code

Custom Bluetooth name

Step 2: Make and scan the Bluetooth name barcode.



Bluetooth name : Scanner

After setting up:

The name of the Bluetooth HID is displayed as: Scanner HID,;

The name of the Bluetooth SPP is displayed as: Scanner SPP;

The name of Bluetooth BLE is displayed as Scanner BLE.

Get the Bluetooth name

%%SpecCodeED

Get the Bluetooth name

Note: Only in the Bluetooth HID, SPP, BLE mode can the Bluetooth name be obtained successfully, otherwise it will fail.

Keyboard language setting

The keyboard key arrangement, symbols, etc. corresponding to different national languages are different. The scanner can be virtualized into different national keyboard formats according to actual needs. The keyboard layout setting is applicable to the HID communication interface mode, and the default is "American English keyboard".

英语 English

德语 German

法语 French

西班牙语 Spanish

意大利语 Italian

日语语 Japanese

比利时法语 BF - Belgian French

葡萄牙语 Portuguese

英式英语 British English

德国 IOS 键盘 German IOS keyboard


%%SpecCode4B

巴西葡萄牙语 Brazilian Portuguese


%%SpecCode4C

俄语 Russian


%%SpecCode4D

捷克语 Czech


%%SpecCode4E

意大利 142 Italy 142


%%SpecCode4F

土耳其 Q (Turkey Q)


%%SpecCode50

土耳其 F (Turkey F)


%%SpecCode51

瑞典/芬兰 Sweden / Finland


%%SpecCode52

墨西哥西班牙语 Mexican Spanish


%%SpecCode53

丹麦 Denmark


%%SpecCode54

书面挪威语 Written Norwegian


%%SpecCode55

克罗地亚语 Croatian


%%SpecCode56

瑞士德语 Swiss German

%%SpecCode57

%%SpecCode57

瑞士法语 Swiss French

%%SpecCode58

%%SpecCode58

荷兰语 Dutch

%%SpecCode59

%%SpecCode59

匈牙利语 Hungarian

%%SpecCode5A

%%SpecCode5A

波兰语 Polish

%%SpecCode5B

%%SpecCode5B

加拿大法语 Canadian French

%%SpecCode5C

%%SpecCode5C

阿根廷（拉丁美洲语）Argentina (Latin American)

斯洛伐克语 Slovak

国际通用键盘 International keyboard

Note: The international keyboard supports all small languages on the PC side.

Case conversion Setting

By setting the character case conversion function of the scanner, the English letters of the scanner output data can be case-converted.

For example: when the content of the barcode is aBC123, set the scanner to "all lowercase", the data obtained by the host will be "abc123". The default is Normal normal output.

Normal（不变）*

Upper（全大写）

Lower（全小写）

Inverse（大小写相反）

Note: This parameter is only valid in standard keyboard input mode and keyboard emulation input control character mode.

Hidden character GS replacement function

After using the GS replacement function, the hidden character GS can be replaced with other characters, which is convenient for the host device to display. When you need to display hidden GS characters, you can set GS to be replaced with 1D in the ASCII character table.

Custom GS replacement

Step 1: Scan the "Custom GS Replacement" setting code

Custom GS replacement

Step 2: Query "Appendix-ASCII code character table" to find the barcode corresponding to the character to be replaced and scan it

Example:

Replace GS characters with characters that can be displayed|

Step 1: Scan the "Custom GS Replacement" setting code

Step 2: It is to query the "Appendix-ASCII Code Character Table" to find the barcode corresponding to the "|" character and scan it.

Cancel GS replacement

Cancel GS replacement

Customize the prefix and suffix settings

This product supports up to 32 bytes of prefix and suffix settings.

Add custom prefix

Step 1: Scan the "Add custom prefix" setting code;

Add custom prefix

Step 2: According to the content that needs to be added, query the "ASCII code character table" and scan the setting code corresponding to the custom prefix in turn;

Example:

Set to "ABC123", add custom "789", output "789ABC123"

Step 1: Scan the "Add custom prefix" setting code;

Step 2: According to the content that needs to be added, query the "ASCII code character table" and scan the setting codes corresponding to "7", "8", and "9" in turn;

Clear custom prefix

Refer to Adding a Custom Prefix Setting, follow the steps below to set it to clear the custom prefix.

Step 1: Scan the "Add custom prefix" setting code;

Step 2: Scan the "Exit Settings" setting code;

Or you can directly scan and restore the factory value to clear the custom prefix.

Add custom suffix

Step 1: Scan the "Add custom suffix" setting code;

%%SpecCode9B

Add custom suffix

Step 2: According to the content that needs to be added, query the "ASCII code character table" and scan the setting code corresponding to the custom suffix in turn;

Example:

Set to "ABC123", add custom "XYZ", output "ABC123XYZ"

Step 1: Scan the "Add custom suffix" setting code;

Step 2: According to the content that needs to be added, query the "ASCII code character table" and scan the setting codes corresponding to "X", "Y", and "Z" in turn;

Clear custom suffix

Refer to the setting of adding a custom suffix and follow the steps below to clear the custom suffix.

Step 1: Scan the "Add custom suffix" setting code;

Step 2: Scan the "Exit Settings" setting code;

Or you can directly scan and restore factory values to clear custom suffixes.

Hidden prefix/suffix characters

Follow the steps below to hide multiple characters ,we have included hiding up to 4 characters .

Step 1: Scan the setting code of " Hide front of barcode digits" or " Hide back of barcode digits ";

%%SpecCodeA0

Hide front of barcode digits(read same barcode to revert to normal)

%%SpecCodeA1

Hide back of barcode digits(read same barcode to revert to normal)

Step 2: Select how many characters you wish to hide (scan only 1 barcode)

Hide 1 bits

Hide 2 bits

Hide 3 bits

Hide 4 bits

You are done .Scan your barcode to test it out

Clear hidden prefix/suffix characters

Refer to the custom setting of hidden leading characters and follow the steps below to clear the hidden leading characters.

Step 1: Scan the setting code of " Hide front of barcode digits" or " Hide back of barcode digits ";

Step 2: Scan the "Exit Settings" setting code;

Or you can directly scan to restore the factory value, you can also clear the hidden front or back characters.

End character setting

The terminator suffix is used to mark the end of a complete data message. The terminator suffix must be the last content when a piece of data is sent, and there will be no additional data after that. Choose to scan the appropriate end character to set the barcode according to your needs, the default is Enter

Modify the terminator to <CR>(0x0D)* (default)

Modify the ending character to <LF>(0x0A)

Modify the terminator to <CR><LF>(0x0D,0x0A)

Modify the terminator to <HT>(0x09)

%%SpecCode9F

%%SpecCode9F

Modify the terminator to NONE

Scan mode

Trigger Mode

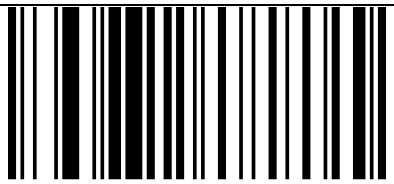
The user can set the reading mode of the barcode reader according to the needs. The default state is the Trigger Mode. In this mode, the barcode reader starts reading after pressing the trigger button, and the barcode reader stops reading after successfully reading or unlocking the trigger button.

013300

Trigger Mode*

Continuous scanning mode

After the setting is completed, the red light is in a long light state. When a bar code passes through, the bar code reader automatically reads the bar code. The same barcode cannot be read repeatedly unless it is removed again.

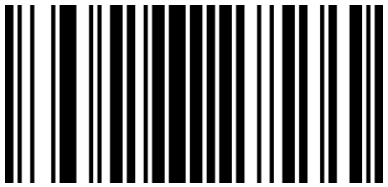


013304

Continuous scanning mode

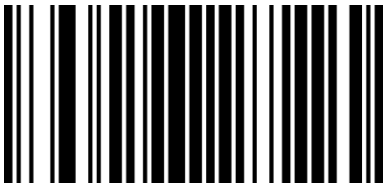
Sense Mode

After the setting is completed, there is no need to trigger, and the barcode reader starts detecting the change of the environment before the window. After the reading is complete, it stops and is in the monitoring state waiting for the next environmental change. In this mode, clicking the trigger button can also start reading.



02311

Turn on Sense Mode



02310

Turn off Sense Mode*

Note: When using this mode, it needs to be switched by Trigger Mode.

Sensitivity

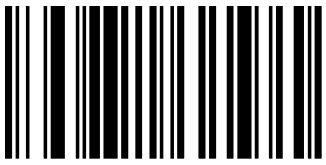
Sensitivity is the degree of the reader's sensitivity to the dramatic changes of the surrounding environment in the state of inductive reading. You can use rings according to your own

In order to improve the efficiency of code reading, the sensitivity is selected.

You can customize the sensing sensitivity according to the requirement, and set the code to [^ 30265XX]

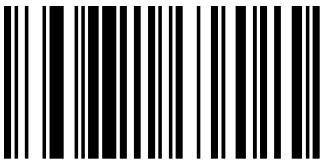
The first X denotes coarse tuning, the value is 0-F, the second X denotes fine tuning, the value is 0-F, the smaller the value is, the more sensitive the induction is.

The default sensitivity is 026537.



026531

High sensitivity



026537

Medium sensitivity*

02653F

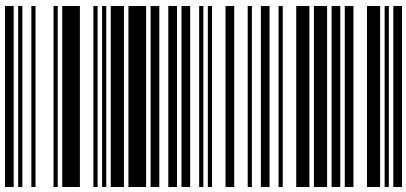
Low sensitivity

Flashing mode

When the settings are finished, manual trigger is needed to open the scan. The red light of the barcoder is flashing, and the barcoder begins to detect the change of the environment before the window. After reading the code, the red light is always on for 3 seconds. After 3 seconds, the unread bar code automatically flickers.

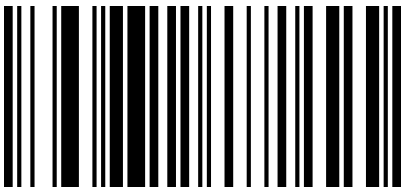
Key Open: In this state, the bar coder can be turned on or off at any time by pressing the button.

Key off: In this state, the key does not work.



013306

Flashing（Key Open）



013305

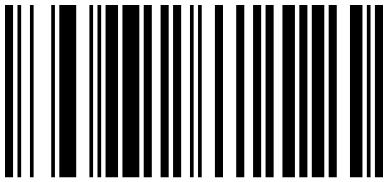
Flashing（Key OFF）

Press Key to delay single read mode

After setting up, press the trigger button, the red light of the bar coder will light up for 3 seconds, the unread code lamp will go out after 3 seconds overtime, or the back light will go out after reading the code. The button will not work before the light goes out.

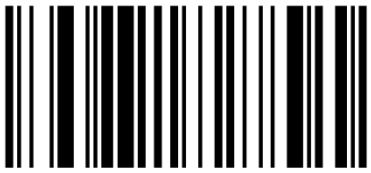
You can customize the timeout according to your needs, and set the setting code of the timeout to [^ 30235X0]

Among them, X means the time-out time is X seconds, the value is 0-F in hexadecimal system, 0 means no time-out, 1 means 1 second time-out, and so on. F means 15 seconds time-out. The default key timeout time is "3 seconds overtime".



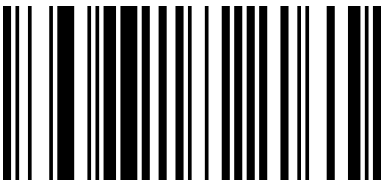
013301

Press key to delay single read mode



023510

1 second timeout



023530

3 second timeout*

0235A0

10 second timeout

0235F0

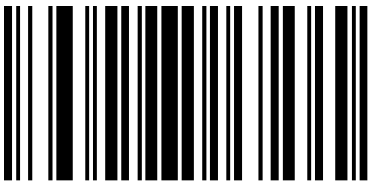
15 second timeout

Test mode

When using the test mode, we need to set the scanner as "Long Bright Read Mode 013304", and then turn on the test mode. After the setup is completed, the device enters the continuous reading state without triggering. When the code is successful, the device enters the waiting state. Once again, the code is successfully read, and it enters the waiting state again.

02571

Open Test Mode



02570

Close Test mode

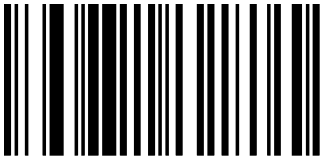
You can customize the scan interval of the test mode according to the requirements, and set

the interval to set the code code code to [^ 30263XX]

XX denotes the hexadecimal value corresponding to the interval time, expressed by 0-F, interval time = XX corresponds to the decimal value / 10, and when XX = 00, there is no interval time.

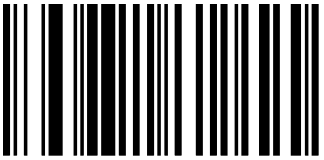
For example, the XX value is 01, the interval time is 1/10 = 0.1 seconds; the XX value is 0F, and the interval time is 15/10 = 1.5 seconds.

The default interval is "1S"



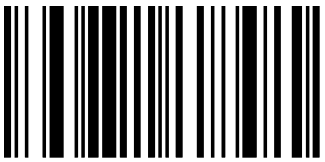
026300

No interval



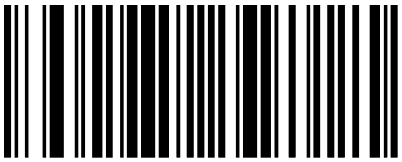
026301

interval 0.1S



026309

interval 0.9S



02630F

interval 1.5S

Note: When reading the scan mode setting code, if the scanner has no sound, it is because we turned off the module’ s setting code sound, but the function has been turned on

Appendix-LED indicator description

Basic function description of indicator light:

Note: This part of the lighting description is slightly different according to different product configurations. If you need more information, please contact the supplier.

Blue light LED2	It is used to indicate whether the wireless is connected or not, if it is connected, it is always on, and if it is disconnected, it is off.
Blue light LED1	The scan code indicator light flashes briefly when the barcode is successfully read.
Red light LED3	The red light is always on to indicate that it is charging, and the red light is off to indicate that it is fully charged or not connected to charge
Blue light 2 is off, blue light 1 flashes quickly	Pairing status in 2.4G mode
Blue light 1 is off, blue light 2 flashes quickly	Pairing status in SPP mode
Blue light 1 and blue light 2 flash alternately and quickly	Pairing status in HID mode
Blue light 1 and blue light 2 flash synchronously quickly	Pairing status in BLE mode
Blue light 1 and blue light 2 flash synchronously Slowly	The module is in an upgrade state

Appendix-description of buzzer sound

Basic function description of indicator light:

One long tone (low first and then high frequency)	Indicates that the power is on
One long tone (high first and then low frequency)	Indicates that the power is off
One short tone (low frequency)	Indicates that the normal barcode is read, or the pairing is successful, or the wireless connection is successful.
One short tone (low first and then high frequency)	Indicates that the scanned data is stored in the storage area
One short tone (high first and then low frequency)	Indicates that the setup code was scanned
Three short tones (low frequency)	Indicates that the wireless transmission failed or the buffer is full
Five short tones (low frequency)	Indicates that the battery is dead

Two short tones (low frequency)	Indicates wireless disconnection
Two short tones (high frequency)	Indicates that the scanned setting code does not work

Appendix-ASCII code character table

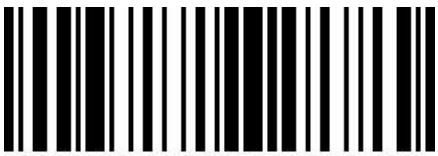
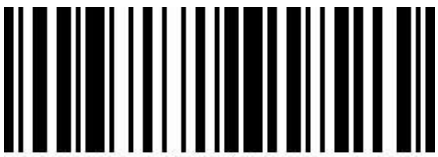
Note: ASCII code table 0-31 are invisible characters used as control characters, and 32-127 are visible characters

Hexadecimal	ASCII value	character	One-dimensional setting code	One-dimensional setting code
01	01	SOH	%%01	%%01
02	02	^B	%%02	%%02
03	03	^C	%%03	%%03
04	04	EOT	%%04	%%04

05	05	ENQ	%%05	%%05
06	06	ACK	%%06	%%06
07	07	BEL	%%07	%%07
08	08	BS	%%08	%%08
09	09	HT	%%09	%%09
0A	10	LF	%%0A	%%0A
0B	11	VT	%%0B	%%0B
0C	12	FF	%%0C	%%0C

0D	13	CR	%%0D	%%0D
0E	14	F1	%%0E	%%0E
0F	15	F2	%%0F	%%0F
10	16	F3	%%10	%%10
11	17	F4	%%11	%%11
12	18	F5	%%12	%%12
13	19	F6	%%13	%%13
14	20	F7	%%14	%%14

15	21	F8	%%15	%%15
16	22	F9	%%16	%%16
17	23	F10	%%17	%%17
18	24	F11	%%18	%%18
19	25	F12	%%19	%%19
1A	26	SUB	%%1A	%%1A
1B	27	ESC	%%1B	%%1B
1C	28	FS	%%1C	%%1C

1D	29	GS		
1E	30	RS		
1F	31	US		
20	32	SP		
21	33	!		
22	34	"		
23	35	#		
24	36	$		

25	37	%	%%25	%%25
26	38	&	%%26	%%26
27	39	`	%%27	%%27
28	40	(	%%28	%%28
29	41	)	%%29	%%29
2A	42	*	%%2A	%%2A
2B	43	+	%%2B	%%2B
2C	44	,	%%2C	%%2C

2D	45	-	%%2D	%%2D
2E	46	.	%%2E	%%2E
2F	47	/	%%2F	%%2F
30	48	0	%%30	%%30
31	49	1	%%31	%%31
32	50	2	%%32	%%32
33	51	3	%%33	%%33
34	52	4	%%34	%%34

35	53	5	%%35	%%35
36	54	6	%%36	%%36
37	55	7	%%37	%%37
38	56	8	%%38	%%38
39	57	9	%%39	%%39
3A	58	:	%%3A	%%3A
3B	59	;	%%3B	%%3B
3C	60	<	%%3C	%%3C

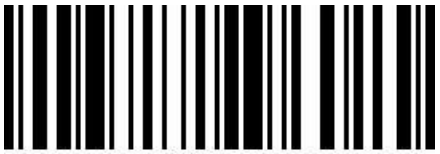
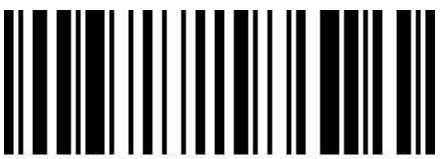
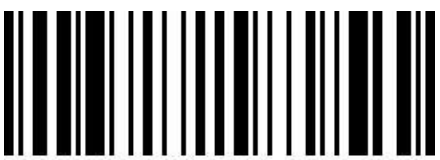
3D	61	=	%%3D	%%3D
3E	62	>	%%3E	%%3E
3F	63	?	%%3F	%%3F
40	64	@	%%40	%%40
41	65	A	%%41	%%41
42	66	B	%%42	%%42
43	67	C	%%43	%%43
44	68	D	%%44	%%44

45	69	E	%%45	%%45
46	70	F	%%46	%%46
47	71	G	%%47	%%47
48	72	H	%%48	%%48
49	73	I	%%49	%%49
4A	74	J	%%4A	%%4A
4B	75	K	%%4B	%%4B
4C	76	L	%%4C	%%4C

4D	77	M	%%4D	%%4D
4E	78	N	%%4E	%%4E
4F	79	O	%%4F	%%4F
50	80	P	%%50	%%50
51	81	Q	%%51	%%51
52	82	R	%%52	%%52
53	83	S	%%53	%%53
54	84	T	%%54	%%54

55	85	U	%%55	%%55
56	86	V	%%56	%%56
57	87	W	%%57	%%57
58	88	X	%%58	%%58
59	89	Y	%%59	%%59
5A	90	Z	%%5A	%%5A
5B	91	[	%%5B	%%5B
5C	92	\	%%5C	%%5C

5D	93	]	%%5D	%%5D
5E	94	^	%%5E	%%5E
5F	95	_	%%5F	%%5F
60	96	'	%%60	%%60
61	97	a	%%61	%%61
62	98	b	%%62	%%62
63	99	c	%%63	%%63
64	100	d	%%64	%%64

65	101	e		
66	102	f		
67	103	g		
68	104	h		
69	105	i		
6A	106	j		
6B	107	k		
6C	108	l		

6D	109	m	%%6D	%%6D
6E	110	n	%%6E	%%6E
6F	111	o	%%6F	%%6F
70	112	p	%%70	%%70
71	113	q	%%71	%%71
72	114	r	%%72	%%72
73	115	s	%%73	%%73
74	116	t	%%74	%%74

75	117	u	%%75	%%75
76	118	v	%%76	%%76
77	119	w	%%77	%%77
78	120	x	%%78	%%78
79	121	y	%%79	%%79
7A	122	z	%%7A	%%7A
7B	123	{	%%7B	%%7B
7C	124	|	%%7C	%%7C

7D	125	}		
7E	126	~		
7F	127	DEL		
C7	199	Ç		
E7	231	ç