
Quick Installation Guide

Barcode Scanner

351022



EN: USB 1D Laser Barcode Scanner, with Stand

DE: USB 1D Laser-Barcode-Scanner mit Ständer

FR: Scanner de code-barres laser 1D USB avec support

IT: Lettore di codici a barre laser 1D USB, con supporto

ES: Escáner de códigos de barras láser 1D USB, con soporte

PT: Scanner de código de barras a laser 1D USB, com suporte

**** Please download the detailed User Manual from equip website: <https://www.equip-info.net/> for more information.**

brief introduction:

The barcode device provides a complete solution for accurate, easy to use, and fast computer information system for data entry and storage. The company has another infrared automatic sensing technology.

This product has "manual type" and "automatic induction type" two working modes.

This product also provides a complete interface mode to accommodate the computer systems of various hosts:

Keyboard

RS-232

USBHID

VCOM

All decoder parameter settings can be completed by scanning the barcode and stored in the stored memory, retaining the settings after the power is turned off.

All functions of the product are not listed in this manual, please contact the supplier for more details. All rights, including the final interpretation of this instruction manual, are reserved by the Company.

* ---Default settings of the manufacturer

D (Decimal) - - - Value parameter setting (setting with decimal data code)

H (Hex) - - - Character parameter setting (complete with hexadecimal data code)

catalogue

1. Basic property settings for the scanning gun.....	3
1.1 System initialization settings.....	3
1.2 Display the software version number	3
1.3 Sound Settings options	3
1.4 Transmission mode (wired gun)	4
1.5 Laser trigger mode.....	4
1.6 Duration of laser under key trigger scan (D)	5
1.7 Laser duration under key trigger (D)	6
1.8 Self-sensing option	6
1.9 Same barcode identification interval under continuous scanning (D).....	7
1.10 Barcode output validation level (wired gun) ...	8
1.11 Barcode ID identification option (wired gun) affects the reading setting code when the wireless gun is opened.....	8
1.12 Keyboard language (D) (wired gun).....	8
1.13-character interval (D) (wired gun) .	10
1.14 Serial communication option (wired gun)	11
1.15 large / lower case lock (wired gun)	12
1.16 Reverse color image reading	13
1.17, full-code reading.....	13
2. Setting of various types of bar codes.....	13
2.1 UPC-A.....	13
2.2 EAN-13 setting options	14
2.3 EAN-8 code setting options.....	15
2.4 The UPC-E setting options	15

2.5 CODE39 code setting options	16
2.6 CODE128 setting options	18
2.7 CODE-93 setting options	19
2.8 Cross 25-yard setting options	20
2.9 Industrial 25 yards (Industrial 25)	21
2.10 China Post Code 25 (China Post 25)	21
2.11 Standard Code 25 yards (Standard 25)	22
2.12 Matrix 25 code setting options	22
2.13 Kudeba code setting options	23
2.14 MSI code setting options	24
2.15 CODE 11 code setting options	26
2.16 RSS code setting options	27
3. Advanced setting options for the barcode	28
3.1 Add a prefix / suffix (H)	28
3.2 Barcode ID setting	28
3.3 Character local / global setting options for the barcode	29
Appendix A (ASCII coding table) 0x00~0x3F	39
Appendix B (Data code)	42

1.Basic property settings for the scanning gun

1.1 System initialization settings

After system initialization, all parameters are restored to the factory setting, and the following 902000 barcode must be scanned. The respective initialization parameters are detailed in Appendix A.

System initialization settings



1.2 Display the software version number

When the barcode gun scan as above 000011 barcode success, the corresponding position on the computer screen will display the corresponding software version number.

Displays the software version number



1.3 Sound Settings options

(1) Sound on and off

When the barcode gun scans below 002001 bar code, the system will turn on the buzzer. When the barcode gun scans below 002000 barcode successfully, the system will turn off the buzzer.

* Open



Close



(2) pitch / loudness adjustment

When the barcode gun scans the following 002049 barcode, the setting code will enter the corresponding frequency

Tone / loudness adjustment settings (range 1500-3000 Hz, default value

2700Hz)



1.4 Transmission mode (wired gun)

*USBHID



PS/2



UART



VCOM



1.5 Laser trigger mode

* Key trigger mode



Pulse trigger mode



Keys trigger continuous mode



Pulse trigger continuous mode



Continuous scan mode



Flicker mode



1.6 Duration of laser under key trigger scan (D)

When the barcode gun scans the following 201020 barcode, the corresponding data code will enter the corresponding setting (see Appendix C for data code) after scanning the data code, remember to scan the save code.669933

Set the single laser duration (default 3, range 1-9 in 1 second



1s



*3s



5s



9s



1.7 Laser duration under key trigger (D)

When the barcode gun scans the following 201000 barcode, the corresponding data code will enter the corresponding setting for each scan (see Appendix C for data code) After scanning the data code, remember to scan the save code.

Set the maximum single read time (default 2, range 0-60 in 10 seconds



Not turned off



for * 20 seconds



For 60 seconds



for 10 min



1.8 Self-sensing option

Feel on and off

Open



* off



1.9 Same barcode identification interval under continuous scanning (D)

Incomplete delay is when the delay time ends when the environment changes. Complete delay means that regardless of the environment, it must be delayed for enough time to read the same bar code again.(After the barcode gun scans the following 20102 bar code, the corresponding data code will enter the corresponding setting for each scan (see Appendix C for the data code) After scanning the data code, remember to scan the save code.)

Set the same barcode reading delay time (default 5, range 2-50,100 ms)



200ms



500ms



1s



*5s



1.10 Barcode output validation level (wired gun)

Some bar codes need to be confirmed repeatedly before the output to avoid the wrong code. The lower the confirmation level, the faster the barcode reading speed, the higher the error rate. The higher the confirmation level, the slower the bar code reading speed, and the lower the code error rate.

*Level Zero



Grade 1



1.11 Barcode ID identification option (wired gun) affects the reading setting code when the wireless gun is opened

The barcode ID is used to identify the identity of the barcode and is indicated by a 1-bit letter. Barcode gun can scan the following bar code to achieve this function.

ID before barcode



* ID before barcode



1.12 Keyboard language (D) (wired gun)

The language type used to set the output barcode to the computer supports 23 languages, please see Table 1 for the 23 countries respectively. The corresponding bar codes of the United States and Germany are as follows.(After the barcode gun scans the following 102000 barcode, the corresponding data code will enter

the corresponding keyboard setting (see Appendix C for the data code) After scanning the data code, remember to scan the save code.)

Table 1

order number	National keyboard language	Corresponding bar code	order number	National keyboard language	Corresponding bar code
0	Standard American keyboard	102010	12	Dutch keyboard	102022
1	Belgian keyboard	102011	13	Norwegian keyboard	102023
2	The Brazilian Portuguese-language keyboard	102012	14	Portuguese keyboard	102024
3	Canadian French Keyboard	102013	15	Swedish keyboard	102025
4	Czech keyboard	102014	16	Swiss German keyboard	102026
5	Danish keyboard	102015	17	Spanish keyboard	102027
6	Finnish keyboard	102016	18	Russian keyboard	102028
7	French keyboard	102017	19	Turkish F keyboard	102029
8	German German keyboard	102018	20	Turkish Q Keyboard	102030
9	Greek keyboard	102019	21	The Great British English Keyboard	102031

10	Hungarian keyboard	102020	22	Japanese keyboard	102032
11	Italian keyboard	102021	23	Vietnamese keyboard	102033

Start the keyboard language settings



* Standard American Keyboard



German keyboard



1.13-character interval (D) (wired gun)

Used to set the delay between characters and character of data during transmission. When the barcode gun scans the following 001022 barcode, the corresponding data code enters the corresponding delay (see Appendix C for data code) after scanning the data code, remember to scan the save code. The default delay between characters is 10ms.

Start-character interval setting (default 1 in 1 ms, range 1-99)



* 1 ms



20 ms



10 ms



40 ms



1.14 Serial communication option (wired gun)

(1) Porter rate selection

Baud rates of 1200,2400,4800, and 115200 correspond to the following barcodes, respectively.

1200



*9600



4800



115200



Porter rates of 2400,19200 and 38400 correspond to barcodes of 101001,101005 and 101006, respectively.

(2) Communication handshake agreement

* No handshake protocol

Xon / XoFF software flow control



RTS / CTS hardware flow control



(3) Communication data bit selection

7 bit data bits



* 8 bit data bits



(4) Stop the bit selection

* 1 stop position



2 stop position



(5) Check bit selection

* No calibration



Odd check



even parity check



1.15 large / lower case lock (wired gun)

Use this setting to convert alphabetic characters to a large / lowercase format.

* No change



Change to Capital



Change to Small Letter



Capital and Small
Letter, Swap



1.16 Reverse color image reading

Most bar codes are black bars and white background called positive images. Some applications may be a white strip black bottom called the reverse image.

Turn on reverse color image reading



Turn off reverse color image reading



1.17, full-code reading

Scan allows to identify all one-dimensional bar code setting codes, and the reading function of all bar codes will be turned on.

Allows the identification of all one-dimensional barcodes



2.Setting of various types of bar codes

2.1 UPC-A

(1) The corresponding bar codes for opening and closing of reading enabling are as follows.

* Open



Close



(2) The corresponding bar codes for the enable opening and closing of the check bit transmission are as follows.

* Open



Close



(3) Convert the UPC-A code to the EAN-13 code on and off.

Open



*Close



(4) Opening and closing of UPC-A system.

* Open



Close



2.2 EAN-13 setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

* Open



Close



(2) Check the switching and closing are as follows.

* Open



Close



(3) Convert the EAN-13 code to the ISBN / ISSN code to open and close.

Allow conversion to ISSN



* prohibit conversion to ISSN



Allow conversion to ISBN



* prohibit conversion to ISBN



2.3 EAN-8 code setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

* Open



Close



(2) Check the switching and closing are as follows.

* Open



Close



2.4 The UPC-E setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

* Open



Close



(2) Check the opening and closing of transmission enable as follows.

* Open



Close



(3) Convert UPC-E codes to EAN-13 and UPC-A codes.

EAN-13 on



UPC-A open



*Close



(4) Opening and closing of the UPC-E system character transmission enable.

* Open



Close



2.5 CODE39 code setting options

(1) The corresponding barcodes for the opening and closing of reading enabling are as follows.

* Open



Close



(2) The barcodes corresponding to the checksum output check characters are shown as follows respectively.

* Do not check

Verifies but does not output a verifier



Verify and output check characters



(3) Full ASCII character enable on and off are as follows.

Open



* Close



(4) The opening and closing of the start and terminator transmission enable are as follows, respectively.

Open



*Close



(5) Convert CODE39 code to CODE32 code.

Open



* Close



(6) The opening and closing of the CODE32 code start character transmission enable.

Open



*Close



(7) Trioptic 39 The opening and closing of reading enabling are as follows.

Open



* Close



(8) The opening and closing of Trioptic39 code start and termination transmission are as follows.

Open



* Close



(9) CODE39 code reading code maximum and minimum information length setting (D)

Set the Code 39 maximum information length (the default value is 80)



Set the Code 39 minimum information length (the default value is 2)



2.6 CODE128 setting options

(1) The corresponding barcodes for the opening and closing of reading enabling are as follows.

* Open



Close



(2) The opening and closing of GS1-128 (UCCEAN128) code reading enable are as follows.

Open



* Close



(3) CODE128 Code reading code maximum and minimum information length setting (D)

Set the Code 128 maximum information length (the default value is 80)



Set the Code128 minimum information length (the default value is 1)



2.7 CODE-93 setting options

(1) The corresponding barcodes for opening and closing of reading enabling are as follows.

* Open



Close



(2) The barcodes corresponding to the checksum output check characters are as follows.

Do not check



*Verifies but does not output a verifier



Verify and output check characters



(3) CODE93 code reading code maximum and minimum information length setting (D)

Set the Code 93 maximum information length (the default value is 80)



Set the Code93 minimum information length (the default value is 3)



2.8 Cross 25-yard setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

Open



*Close



(2) The barcodes corresponding to the checksum output check characters are as follows.

* Not not check



Verifies but does not output a verifier



Verify and output check characters



(3) Setting of cross 25 codes (D)

Set ITF 25 maximum information length (default value 80)



Set the ITF 25 minimum information length (default value 6)



2.9 Industrial 25 yards (Industrial 25)

(1) The corresponding bar code for the opening and closing of industrial 25 code reading enabling is as follows.

Open



* Close



(2) Setting of the maximum and minimum information length of the industrial 25-code reading code (D)

Set Industrial 25 maximum information length D (default value 80)



Set Industrial 25 minimum information length D (default 6)



2.10 China Post Code 25 (China Post 25)

(1) The corresponding bar code for opening and closing of China Post 25 code reading enabling is as follows.

Open



* Close



(2) Maximum and minimum information length setting of China Post reading code (D)

Set China Post 25 maximum information length D (default value 80)



Set China Post 25 minimum information length D (default 3)



2.11 Standard Code 25 yards (Standard 25)

(1) The standard 25 code reading code is as follows.

Open



* Close



(2) Read code maximum and minimum information length setting

(D)

Set Standard 25 maximum information length D (default value 80)



Set Standard 25 minimum information length D (default 6)



2.12 Matrix 25 code setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

Open



*Close



(2) The barcodes corresponding to the checksum output check characters are as follows.

* Not not check



Verifies but does not output a verify



Verify and output check characters



(4) Matrix 25 Code reading code maximum and minimum information length setting (D)

Set the maximum information length of the Matrix 25 code (default value: 80)



Set the minimum information length of Matrix 25 code (default value: 6)



2.13 Kudeba code setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

* Open



Close



(2) The barcodes corresponding to the checksum output check characters are shown as follows respectively.

* Not not check

Verifies but does not output a verify



Verify and output check characters



(3) The opening and closing of the start and terminator transmission enable are as follows.

* Open

Close



(4) Codabar Code reading code maximum and minimum information length setting (D)

Set the maximum information length of the Codabar code (default value: 80)



Set the minimum information length of Codabar code (default value: 6)



2.14 MSI code setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

Open



* Close



(2) Check the opening and closing of transmission enable as follows.

Open



* Close



(3) The opening and closing of MSI-Plessy code reading enable are as follows.

Open



*Close



(4) The MSI code calibration mode

* No check



Mode 10 check



Mode 11 check



Mode 10 Remode 10 check



Mode 10 Remode 11 check



(5) Max. minimum information length setting of MSI code reading code (D)

Set the MSI maximum information length (default value of 80)



Set the MSI minimum information length (default value of 6)



2.15 CODE 11 code setting options

(1) The corresponding bar code for opening and closing of reading enabling is as follows.

Open



*Close



(2) The opening and closing of the verification transmission enable are corresponding as follows.

Open



*Close



(3) The CODE 11 code check mode

* No check



C check



C, K verification



(4) CODE11 code reading code maximum and minimum information length setting (D)

Set CODE11 maximum information length (default value 80)



Set the CODE11 minimum information length (default value 3)



2.16 RSS code setting options

(1) The opening and closing of the standard RSS code (RSS-14) are as follows.

Open



*Close



(2) Restricted RSS code (RSS-Limited) reading enabling to open and close the corresponding bar code is as follows.

Open



*Close



(3) The opening and closing of the extended RSS code (RSS-Expanded) reading enable are as follows.

Open



*Close



3.Advanced setting options for the barcode

3.1 Add a prefix / suffix (H)

(1) Add a prefix

Turn off the custom prefix



Turn on the custom prefix



Set the custom prefix content H (up to 10 characters)



(2) Add the suffix

Close the custom suffix



Open the custom suffix



Set the custom suffix content H (up to 10 characters)



3.2 Barcode ID setting

(Reference Table 2 for the default barcode type.

Barcode type	corre spon	Barcode type	corre spon	Barcode type	corre spon
--------------	---------------	--------------	---------------	--------------	---------------

	ding code name		ding code name		ding code name
EAN-13	A	Industry 25 yards	I	Matrix-25	T
EAN-8	B	MSI a sign or object indicating number	J	Qualified type RSS code	U
UPC-E	C	CODE11	K	Expansion-type RSS code	V
CODE128	D	UPC-A	L		
CODE93	E	Standard RSS codes	N		
CODE39	F	CODE-32	Q		
Kudeba code	G	China post	R		
Cross 25 yards	H	Standard 25 yards	S		

Table 2

3.3 Character local / global setting options for the barcode

Allows editing of the characters to be output before exporting barcode characters. Such as add, delete, insert, and so on.

Local setting: the code type can be specified for a specific user, and refer to table 3 below for the specific code type.

bar code type	corres pondin g code name	bar code type	corres pondin g code name	bar code type	corres pondin g code name	bar cod e typ e	corres pondin g code name
UPC-E	01	UPC-A	02	EAN-8	03	EAN-13	04
CODE 128	05	CODE 93	06	CODE 39	07	Kud eba cod e	08
Cros s 25 yard s	09	Indu stry 25 yard s	10	Stan dard 25 yard s	11	Mat rix 25 yar ds	12
Chin a post al code	13	MSI	14	CODE 11	15	Cod e32	16
RSS stan dard	17	RSS pres crib e a limi t to	18	RSS expa nd	19		

Table 3

Global setting: For all bar codes, the code is 00.

In the barcode output, the comprehensive output will be set according to the local and global user, and the judgment conditions are as follows:

If a certain type of editing (such as adding characters before the barcode) has a local setting, but also a global setting, the output is only output in a local setting way. If there is no local setting but a global setting, output by global setting, for example: barcode type is CODE128, parsed to character 1234. concrete Refer to Table 4 below.

overall situation	part	output
Add A before barcode	not have	A1234
Add A before barcode	Add B before barcode	B1234
not have	not have	1234
not have	Add B before barcode	B1234

Table 4

With the above foundation, a total of 9 setting methods are provided.

(1) Filter out the barcode before the specified character

For example, if the resolved barcode data is ABC1234DEFG and the specified character is 1234, the character before it will not be output, and the output result is 1234 DEFG.

Barcode production: 02000000 00 3 123

The leading command _____ The specified character, whose Global / local code (see Table 3) corresponds to the previous, range ASCII Specifies a visible character with a character length (range 1 to 9) value of 32 to 126.

When this setting barcode is generated with the barcode generation software, the selection code class is CODE128 and the data source is ^ 302000000003123.

Reset barcode production: 0B200 00

Leading command _____ for global / local code

(2) Filter out the same character before the barcode

For example, if the resolved barcode data is AAA1234 and the specified character is A, the output result is 1234. Note that the setting must be the same character, which will retrieve rules from scratch, encounter the specified character to start, and encounter the different character to end.

Barcode production: 02100000 01 A

The leading command _____ Specify the character, and the range is the ASCII _____

Visible characters with a global / local code values of 32 to 126.

Reset barcode production: 0B210 01

The leading command _____ Global / Local code

(3) The ame character after filtering the barcode

The function is similar to the previous one, except that the retrieval rules start at the end.

Barcode production: 02200000 01 A

Leading command, _____ which specifies the character
Global / Local code _____

Reset barcode production: 0B220 01

The leading command _____ Global / Local code

(4) Turn off transferring a specified character

As long as the specified character appears in the barcode data, filter out the character, and output other data. For example, if the barcode data is A12A34AA56789A and the specified character is A, the output is 123456789.

Barcode production: 02300000 02 7

The leading command _____ specifies a character, and up to the ASCII Visible characters with a global / local substitution value of 32 to 126.

The above means means EAN-13,, off transmit character 7.

Reset barcode production: 0B230 02

Leading command _____ for global / local code

(5) Add characters

Add a character description from the beginning, from the tail, and from the middle.

(a) Add characters from scratch. Add the specified character to the header of the barcode.

For example, when the barcode is parsed to 1234, the character to be added is ABC, then ABC1234 is output.

Barcode production: 02400000 01 3 ABC

The leading command _____ specifies the character length to be with Global / Local code Front correspondence, range from 32 to 126 Length of character to be added, range from 1 to 9 visible ASCII characters

The above setting code means: add 3 characters "ABC" to the front end of the UPC-A code.

Reset barcode production: 0B240 01

Leading command for global / local code

(B) Add the characters from the end

Function is similar to the above setup except for the added position in the tail.

Bar code production: 02500000 08 4 ABCD

The leading command specifies the character length to be with

Global / local code previously, ranging from 32 to 126

Length of character to be added, range from 1 to 9 visible ASCII characters.

Reset barcode production: 0B250 08

Leading command for global / local code

(C) Add the characters from the barcode

The function is to start inserting the characters to be added at any specified location in the barcode. For example, the resolved barcode 1234, the specified position is 1, the specified character is ABC, then the output is 1ABC234.

Bar code production: 02600000 06 002 5 ABCDE

Leading command, which specifies the character

Global / local code length should correspond to the previous, fan

Specified location, the range is 001 to 250 circumference is 32 to 126 visible

Length of character to be added, the range from 1 to 9 ASCII characters.

Reset barcode production: 0B260 06

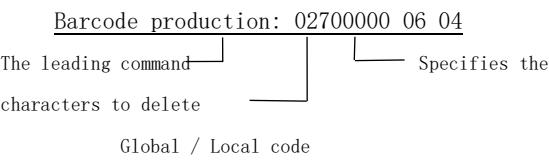
Leading command for global / local code

(6) delete character

Delete characters from scratch, from tail, and from the middle.

(a) Remove characters from scratch

Starting from the head of the barcode, delete the specified number of characters. For example, if the barcode is ABCD1234 and the number of deleted characters specified is 4, output 1234.

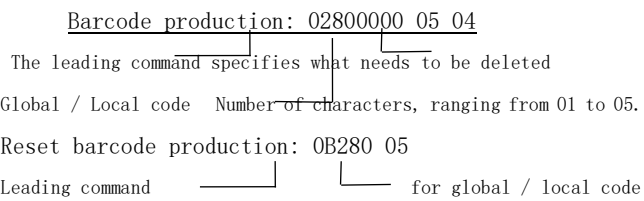


Reset barcode production: 0B270 06

Leading command for global / local code

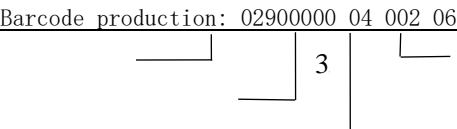
(B) Remove the characters from after the barcode

The function is similar to the above, just delete from the tail of the barcode.



(C) Remove the characters from the barcode

The function is to delete the specified number of barcode characters from the specified location in the barcode. For example, when the barcode is resolved to 12345ABC, the specified location is 001, and the number of barcodes to be deleted is 4, then 1ABC is output.



The leading command Specify the word to delete

Number of global / local codes, ranging from 1 to 50.

Specify a location, ranging from 001 to 250

Reset barcode production: 0B290 04

The leading command  Global / Local code

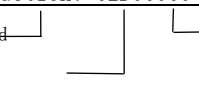
(7) Keep the barcode for the specified number of digits

This setup function is to retain only part of the barcode, regardless of the barcode length. Description from beginning and end.

(A) The N-bits are retained ab initio

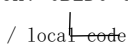
Set retains 4 bits from scratch, regardless of the barcode length, as long as over 4 bits, only the first 4 bits are taken.

Barcode production: 02D00000 00 04

The leading command  The number of digits to retain, the range

Global / local code is 01~99.

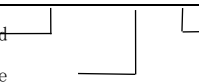
Reset barcode production: 0B2D0 04

Leading command for  / local code

(B) N bits are retained from the tail

The function is similar to the above, only retained from the end.

Barcode production: 02E00000 01 04

The leading command  The number of digits to retain, the range

Global / local code is 01~99.

Reset barcode production: 0B2E0 04

Leading command  for global / local code

(8) replace

The character replacement function is to replace the specified characters with the target characters. For example, when resolving the bar code to 1234ABCD90, now to replace the ABCD is 5678, then the output 1234567890.

Barcode production: 02A00000 05 4 ABCD 5 56789

The character replaced by the leading command, is long

The global / local code degree agrees with the length specified previously

The length of the character being replaced, Replaced character length

The range is from 1 to 9.

The placed character,

length is with

The previously

specified previously.

The function of the above command is to replace the character ABCD in the CODE-39 code with 56789.

Reset barcode production: 0B2A0 05

The leading command _____ Global / Local code

(9) Front / suffix added function

The suffix refers to control characters that cannot be displayed, such as return, change, F2, F3 and so on. Specific characters and corresponding functional characters refer to the appendix, allowing up to 3 prefixes and suffixes.

(a) Add prefix

Barcode production: 02B00000 00 \$0D \$0A \$81

The leading command characters, specific meaning

Global / Local code

Prefix suffix

Refer to Appendix B.

Front suffix indicator

The above command means: add return, line change and F2 before all barcodes.

Reset barcode production: 0B2B0 00

Leading command

for global / local code

(B) Add the suffix

Barcode production: 02C00000 00 \$ AB \$1B \$ B3

Leading command prefix suffix character, specific meaning

Global / local code to refer to Appendix B.

Front suffix indicator

The meaning of the above command is to add Ctrl + Esc special group keys after all barcodes.

Reset barcode production: 0B2C0 00

The leading command

Global / Local code

Appendix A (ASCII coding table) 0x00~0x3F

ASCII price	hexadeci mal	ASCII control characte r ASCII	ASCII price	hexadeci mal	ASCII control characte r ASCII
0	00	NUT	32	20	(space)
1	01	SOH	33	21	!
2	02	STX	34	22	"
3	03	ETX	35	23	#
4	04	EOT	36	24	\$
5	05	ENQ	37	25	%
6	06	ACK	38	26	&
7	07	BEL	39	27	,
8	08	BS	40	28	(
9	09	HT	41	29)
10	0A	LF	42	2A	*
11	0B	VT	43	2B	+
12	0C	FF	44	2C	,
13	0D	CR	45	2D	-
14	0E	SO	46	2E	.
15	0F	SI	47	2F	/
16	10	DLE	48	30	0
17	11	DCI	49	31	1
18	12	DC2	50	32	2
19	13	DC3	51	33	3
20	14	DC4	52	34	4

21	15	NAK	53	35	5
22	16	SYN	54	36	6
23	17	TB	55	37	7
24	18	CAN	56	38	8
25	19	EM	57	39	9
26	1A	SUB	58	3A	:
27	1B	ESC	59	3B	;
28	1C	FS	60	3C	<
29	1D	GS	61	3D	=
30	1E	RS	62	3E	>
31	1F	US	63	3F	?

0x40~0x7F

ASCII price	hexadeci mal	ASCII control characte r ASCII	ASCII price	hexadeci mal	ASCII control characte r ASCII
64	40	@	96	60	、
65	41	A	97	61	a
66	42	B	98	62	b
67	43	C	99	63	c
68	44	D	100	64	d
69	45	E	101	65	e

70	46	F	102	66	f
71	47	G	103	67	g
72	48	H	104	68	h
73	49	I	105	69	i
74	4A	J	106	6A	j
75	4B	K	107	6B	k
76	4C	L	108	6C	l
77	4D	M	109	6D	m
78	4E	N	110	6E	n
79	4F	O	111	6F	o
80	50	P	112	70	p
81	51	Q	113	71	q
82	52	R	114	72	r
83	53	S	115	73	s
84	54	T	116	74	t
85	55	U	117	75	u
86	56	V	118	76	v
87	57	W	119	77	w
88	58	X	120	78	x
89	59	Y	121	79	y
90	5A	Z	122	7A	z
91	5B	[123	7B	{
92	5C	/	124	7C	
93	5D]	125	7D	}
94	5E	^	126	7E	`
95	5F	_	127	7F	DEL

Appendix B (Data code)

Data '0'



Data "2"



Data "4"



Data "6"



Data "8"



Data "A"



Data "C"



Data "E"



Data '1'



Data "3"



Data "5"



Data "7"



Data "9"



Data "B"



Data "D"



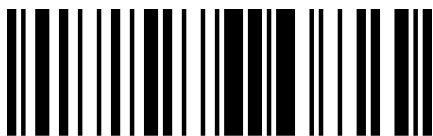
Data "F"



Read the "save" code parameter input, confirm to save

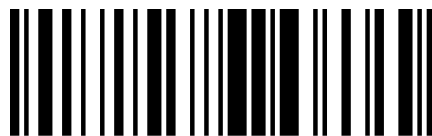


National language keyboard configuration code



102010

Standard American keyboard



102011

Belgian-language keyboard



102012

Portuguese keyboard



102013

French keyboard in Canada



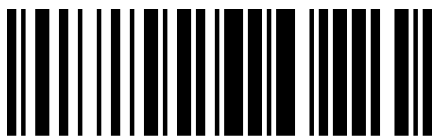
102014

Czech keyboard



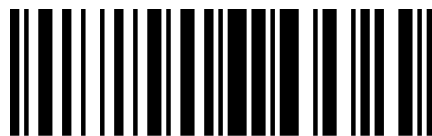
102015

Danish keyboard



102016

Finnish keyboard



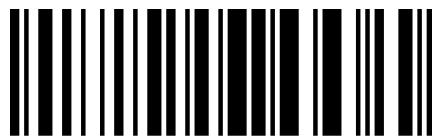
102017

French French keyboard



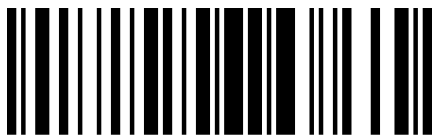
102018

German keyboard



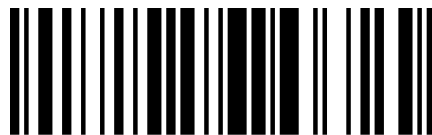
102019

Greek keyboard



102020

Hungarian keyboard



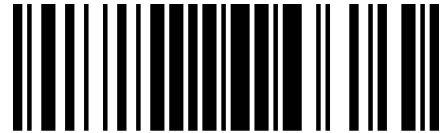
102021

Italian keyboard



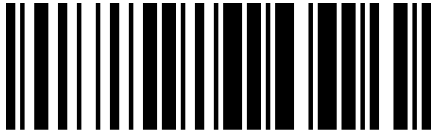
102022

Dutch keyboard



102023

Norwegian keyboard



102024

Portuguese keyboard



102025

Swedish keyboard



102026

Swiss German keyboard



102027

Spanish keyboard



102028

Russian keyboard



102029

Turkish F keyboard



102030

Turkish Q keyboard



102031

British English keyboard



102032

Japanese keyboard



102033

Vietnamese keyboard