

Omnidirectional Bar Code Scanner

User Manual



Contents

Default Table	4
1.Set Factory Default	7
2.Interface	7
Switch to USB.....	7
Switch to USB Virtual COM	7
Switch to TTL-232	7
Switch to RS-232	7
Switch to USB HID-POS	7
3.RS-232	8
Baud Rate.....	8
Check.....	8
Data bit.....	9
Stop bit.....	9
4. Language Keyboard layout	10
5.Sound Setting	11
Open/Close Sound.....	11
Beeper Type.....	11
Beeper Volume.....	11
6.Data Edit	12
Add Code ID.....	12
Add Prefix.....	12
Modify Prefix.....	12
Add Suffix.....	12
Modify Suffix.....	13
7.Modify Stop Character	13
8.Forward/reverse scan bar code	14
9.Code setting	14





1D Barcode Type.....	14
CODE 128.....	14
GS1 - 128.....	15
AIM - 128.....	15
EAN - 8.....	16
EAN - 13.....	18
ISSN.....	19
ISBN.....	20
UPC - E.....	21
UPC - A.....	23
Interleaved 2 of 5.....	25
ITF - 14.....	26
ITF - 6.....	26
Matrix 2 of 5.....	27
Industrial 2 of 5.....	28
Standard 2 of 5.....	29
Code 39.....	30
Codabar.....	31
Code 93.....	33
GS1 - Databar.....	34
Code 11.....	34
Plessey.....	36
MSI - Plessey.....	37
2D Barcode type.....	38
PDF 417.....	38
QR Code.....	40
Micro QR.....	40
Data Matrix.....	42
Han Xin Code.....	43
Appendix.....	44
Appendix A: Code ID Table.....	44
Appendix B: ASCII Table.....	45
Appendix C: Data Code.....	46
Appendix D: Save or Cancel.....	47





Default Table

Parameter		Default Setting	Remarks
Interface		USB	
RS-232	Baud Rate	9600	
	Check	/	
Language/Keyboard		American Keyboard	
Sound Setting	Open/Close	Open	
	Type	Type 3	
	Volume	High	
Modify	Add Prefix	/	
	Add Suffix	/	
Terminator		Enter	
Forward/reverse scan bar code		Close	Valid for all bar code symbol types

Code Setting	
Code 128	
Read	Permit
Max Length	127
Min Length	1
AIM-128	
Read	Permit
Max Length	127
Min Length	1
EAN-13	
Read	Permit
Output Check	Output
2-digit extension code	No Read
5-digit extension code	No Read
Must have extension code	No Required
ISSN	
Read	No Permit
2-digit extension code	No Read
5-digit extension code	No Read
Must have extension code	No Required
UPC-E	

Code Setting	
GS1-128 (UCC/EAN-128)	
Read	Permit
Max Length	127
Min Length	1
EAN-8	
Read	Permit
Output Check	Output
2-digit extension code	No Read
5-digit extension code	No Read
Must have extension code	No required
Extension code to EAN-13	No Extension
ISBN	
Read	Permit
Format	13 bit
2-digit extension code	No Read
5-digit extension code	No Read
Must have extension code	No required
UPC-A	
Read	Permit
Output Check	Output



开启设置码



Open Setting Code

Read	Permit
Output Check	Output
2-digit extension code	No Read
5-digit extension code	No Read
Must have extension code	No Required
Extension to UPC-A	No Extension
Output System character '0'	Output
Interleaved 2 of 5	
Read	Permit
Check	No Check
Output check	No output
Max Length	100
Min Length	6
Matrix 2 of 5	
Read	No Permit
Check	Require check
Output Check	No output
Max Length	127
Min Length	6
Standard 2 of 5	
Read	Permit
Check	No check
Output check	No output
Max Length	127
Min Length	6
Codabar	
Read	Permit
Check	No check
Output Check	No output
Output Start&Stop	No output
Format of Start&Stop	ABCD/ABCD
Max Length	127
Min Length	1
GS1 Databar	
Read	Permit
Output AI(01)Character	Output
2-digit extension code	No read
5-digit extension code	No read
Must have extension code	No required
Output Leading Character '0'	Output
ITF-6	
Read	No Permit
Output check	No output
ITF-14	
Read	Permit
Output	No output
Industrial 2 of 5	
Read	Permit
Check	No check
Output Check	No output
Max Length	127
Min Length	6
Code 39	
Read	Permit
Check	No check
Output check	No output
Output start and stop	No output
Support Full ASCII	Support
Max length	127
Min Length	1
Code 93	
Read	Permit
Check	Require check
Output check	No output
Max length	127
Min Length	3
Code 11	
Read	Permit
Check	1 bit MOD11
Output Check	No Output
Max Length	127
Min Length	2



开启设置码



Open Setting Code

Plessey		QR Code	
Read	Permit	Read	Permit
Check	Required Check	Micro QR	Permit Read
Output check	No Output	Max Length	7089
Max Length	127	Min Length	1
Min Length	1	Double code setting	Only read single code
PDF417		Double code output sequence	Sequence 3
Read	Permit	Chinese Sensible Code (Han Xin Code)	
Max Length	2710	Read	No Permit
Min Length	1	Max Length	7827
Double Cod setting	Only read single code	Min Length	1
Double code output sequence	Sequence 1	Data Matrix	
MSI-Plessey		Read	Permit
Read	Permit	Matrix Code	Read
Check	1 Bit MOD10	Mirror Code	Read
Output Check	No Output	Max Length	3116
Max Length	127	Min Length	1
Min Length	2	Double code setting	Only Read single code





1. Set Factory Default

Note: Please use the “Set Default” function carefully. After reading this setting code, the current parameter setting will be lost and replaced with the factory default value. The factory default parameters and functions can be found in the default settings table.



Set Default

2. Communication Interface

This scanner support USB port,USB virtual COM,TTL-232,RS-232 and USB HID-POS interface to connect host communication.



****Switch to USB interface**



Switch to USB Virtual COM



Switch to USB HID-POS



Switch to TTL-232 interface



Switch to RS-232 Interface





3. RS-232 Interface

The RS-232 interface is a common way to connect a omnidirectional barcode scanner with a host device (such as a PC, POS, etc.). When using the RS-232 interface, the 2D barcode scanning platform and the host device must be completely matched in the communication parameter configuration to ensure smooth communication and correct content.

Baud Rate

The Baud Rate is in bits per second (bps: bits per second). The optional configuration parameters are as follows:



****9600**



1200



19200



2400



38400



4800



57600



14400



115200





Check

There are three types of verification methods that can be selected. When the data bit is 7 bits, must select odd or even parity. If no check, it will be regarded as even parity.



****None**



Even Parity



Odd Parity

Data Bit

There are 2 choices of data bits, and the difference in data bits affects the range of values of characters in the communication. When the data bit is 7 bits, it must be odd or even.



7bit



**** 8bit**

Stop Bit



****1 bit**



2bit





4. Language Keyboard layout



****American Keyboard**



Global



Denmark



Finland



France



Turkish-F



Italy



Norway



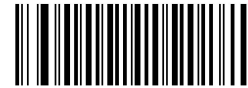
Spain



Turkish-Q



England



Austria, Germany



Belgium



Portugal



开启设置码



Open Setting Code



Sweden

5. Sound Setting

Open/Close



****Open**



Close

Sound type



Type 1



Type 2



****Type 3**

Beeper Volume



****High**



Middle



Low





6. Data Edit

Code ID

Users can use Code ID to identify different barcode types. The Code ID corresponding to each barcode type can be modified freely. All barcodes have a Code ID of 1 or 2 characters and must be letters, not numbers, invisible characters, or punctuation.



Permit Add Code ID



****No Add Code ID**

Add Prefix



Permit Add Prefix



****No add Prefix**

Modify Prefix

Read the "Modify Prefix Content" setting code and combine the read data code to modify the prefix content. Use 2 hexadecimal values for each prefix character and up to 11 characters for the prefix. Please refer to the appendix for the hexadecimal conversion table of character values.



Modify Prefix

Example: Setting Add Prefix "LYL":

1. To check Character appendix table to get hex values of "LYL" this 3 characters: 4C、59、4C。
2. Read "Open Setting Code"
3. Read "Modify Prefix" Code
4. Read data code: "4" "C" "5" "9" "4" "C"
5. Read "Save" code
6. Read "Close Setting code"



开启设置码



Open Setting Code

Add Suffix



Permit Add Suffix



****No Add Suffix**

Modify Suffix

Read the "Modify Suffix" setting code and combine the read data code to modify the suffix content. Use 2 hexadecimal values for each suffix character and up to 11 characters for the suffix. Please refer to the appendix for the hexadecimal conversion table of character values.



Modify Suffix

Example: Setting Add Suffix "LYL":

1. To check Character appendix table to get hex values of "LYL" this 3 characters: 4C、59、4C
2. Read "Open Setting Code"
3. Read "Modify Suffix" Code
4. Read data code: "4" "C" "5" "9" "4" "C"
5. Read "Save" code
6. Read "Close Setting code"

7. Modify Stop Character

Read the following setup code to quickly set the terminator to a carriage return (0x0D), carriage return + line feed (0x0D + 0x0A) or TAB key (0x09)



****Set Add Stop Character as CR(0x0D)**



开启设置码



Open Setting Code

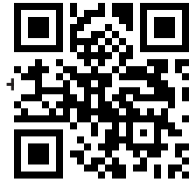


Set Add stop character as CR+LF(0x0D+0x0A)

修改结束符



Set Add stop character as TAB(0x09)



8. Forward/reverse scan bar code

In the process, usually only the forward bar code is allowed to be read, and by reading the following setting code, this scanner can turn on or off to read reverse bar code. When setting "Allow reading reverse barcode", both the forward and reverse barcodes can be read. When setting "Prohibit reading reverse barcode", only the forward barcode can be read. Allowing the reading of the reverse barcode will slightly reduce the reading speed.



Allow reading reverse barcode



**Prohibit reading reverse barcode

9. Code Setting

1D Bar code Type

Code 128



Back code 128 Default setting

Allow/Prohibit Read code 128



**All read Code 128



Prohibit read Code 128



开启设置码



Open Setting Code

Setting Length



Scan Min. Code Length



Scan Max. Code Length

GS1-128(UCC/EAN-128)



Back GS1-128 Default Setting

Allow/Prohibit read GS1-128



**Allow Read GS1-128



Prohibit read GS1-128

Setting Length



Scan Min. Code Length



Scan Max. Code Length

AIM-128



Back AIM-128 Default Setting



开启设置码



Open Setting Code

Allow/Prohibit AIM-128



****Allow read AIM-128**



Prohibit read AIM-128

Setting Length



Scan Min. Code Length



Scan Max. Code Length

EAN-8



Back EAN-8 Default Setting

Allow/Prohibit read EAN-8



****Allow read EAN-8**



Prohibit read EAN-8

Output Check

EAN-8 barcode data is fixed to 8bytes,last bytes is check.



****Output check**



No output





Extension code

Extension code means add 2digit or 5 digit after normal code



Read 2digit



**** no read 2digit**



Read 5 digit



**** no read 5 digit**

Set "Read 2digit" or "Read 5digit", it can read barcode with extension code, or can read barcode without extension code. Set "No read 2digit" or "No read 5 digit", can not read extension code.

Must have extension code



Must have



****No required**

Extension to EAN-13 means add 5digit"0" before EAN-8 data



Extension to EAN-13



****No extension**





EAN-13



Back EAN-13 Default setting

Allow/Prohibit EAN-13



**Allow read EAN-13



Prohibit read EAN-13

Output check



**Output check



No output

Extension code

Extension code means add 2digit or 5 digit after normal code



Read 2digit



**No read 2digit



Read 5digit



**No read 5digit



开启设置码



Open Setting Code

Set "Read 2digit" or "Read 5digit", it can read barcode with extension code, or can read barcode without extension code. Set "No read 2digit" or "No read 5 digit", can not read extension code.

Must have extension code



Must have



**No required

ISSN



Back ISSN Default setting

Allow/Prohibit read ISSN



Allow read ISSN



**Prohibit read ISSN

Extension code

Extension code means add 2digit or 5 digit after normal code



Read 2digit



**No read 2digit



Read 5digit



**No read 5digit



开启设置码



Open Setting Code

Set "Read 2digit" or "Read 5digit,it can read barcode with extension code,or can read barcode without extension code.Set "No read 2digit" or "No read 5 digit", can not read extension code.

Must have extension code



Mush have



**No required

ISBN



Back ISBN Default setting

Allow/Prohibit read ISBN



**Allow read ISBN



Prohibit read ISBN

Format choose



**13位



10位



开启设置码



Open Setting Code

Extension Code

Extension code means add 2digit or 5 digit after normal code



Read 2digit



**No read 2digit



Read 5digit



**No read 5digit

Set "Read 2digit" or "Read 5digit",it can read barcode with extension code,or can read barcode without extension code.Set "No read 2digit" or "No read 5 digit", can not read extension code.

Must have extension code



Must have



**No required

UPC-E



Back UPC-E default setting



开启设置码



Open Setting Code

Allow/Prohibit read UPC-E



****Allow read UPC-E**



Prohibit read UPC-E

Output check



****Output check**



No output

Extension Code

Extension code means add 2digit or 5 digit after normal code



Read 2digit



**** No read 2digit**



Read 5digit



****No read 5digit**

Set "Read 2digit" or "Read 5digit",it can read barcode with extension code,or can read barcode without extension code.Set "No read 2digit" or "No read 5 digit", can not read extension code.

Must have extension code



Must have



****No required**



开启设置码



Open Setting Code

Transfer System character

UPC-E barcode first bytes is system character, fixed be "0".



****Transfer system character**



No transfer system character

Result extension to UPC-A



Turn result extension to UPC-A



****No Extension**

UPC-A



Back UPC-A default setting

Allow/Prohibit read UPC-A



****Allow read UPC-A**



Prohibit read UPC-A



开启设置码



Open Setting Code

Output check



****Output check**



No output

Extension Code

Extension code means add 2digit or 5 digit after normal code



Read 2digit



****No read 2 digit**



Read 5digit



****No read 5digit**

Set "Read 2digit" or "Read 5digit",it can read barcode with extension code,or can read barcode without extension code.Set "No read 2digit" or "No read 5 digit", can not read extension code.

Must have extension code



Must have



****No required**

Transfer leading character



Transfer leading character"0"



****No transfer leading character"0"**





Interleaved 2 of 5



Back ITF Default setting

Allow/Prohibit read ITF



**Allow read ITF



Prohibit read ITF

Setting length



Scan Min. Code Length



Scan Max. Code Length

Check and output check

Interleaved 2 of 5 code are not mandatory for check. Users can choose to use check depending on the application. When set to "No Check", the scanner will not check data. Set to "check but not output", the scanner will check data, and the data output after check will not contain the check character. Set to "check and output check", the scanner will check data, and the data output after checking will contain the check characters.



**No check



Check but no output



Check and output

Note: When set no output, data length deduce 1byte check character, it is can not less than Min barcode length limit. Otherwise, reading is fail.





ITF-14

ITF-14 is special format of Interleaved 2 of 5 code,data length is 14 bytes and fix to required checking.Last byte is checking character.



Back ITF-14 default setting



Prohibit read ITF-14



**Allow read ITF-14 but no output check



Allow read ITF-14 and also output check

Note: Since ITF-14 is a subset of interleaved 2 of 5 codes, the read performance of interleaved 2 of 5 codes with a length of 14 bytes will change depending on the specific settings. Please handle both types carefully in use. It is recommended to prohibit ITF-14 when using Interleaved 2 of 5 code; or to prohibit Interleaved 2 of 5 code two when using ITF-14.

ITF-6

ITF-6 like ITF-14 ,fixed length is 6bytes and fixed required checking

。



Back ITF-6 default setting



**Prohibit read ITF-6



Allow read ITF-6 but no output



Allow read ITF-6 and output

Note: Since ITF-6 is a subset of interleaved 2 of 5 codes, the read performance of interleaved 2 of 5 codes with a length of 6 bytes will change depending on the specific settings. Please handle both types carefully in use. It is recommended to prohibit ITF-6 when using Interleaved 2 of 5 code; or to prohibit Interleaved 2 of 5 code two when using ITF-6.



开启设置码



Open Setting Code

Matrix 2 of 5



Back Matrix 25 Default setting

Allow/Prohibit read Matrix 25



Allow read Matrix 25



**Prohibit read Matrix 25

Setting Length



Set Min Length



Set Max Length

Check&Output Check



No Check



**Check but no output



Check and output



开启设置码



Open Setting Code

Industrial 2 of 5



Back Industrial 2 of 5 Default setting

Allow/Prohibit read Industrial 2 of 5



****Allow read Industrial 2 of 5**



Prohibit read Industrial 2 of 5

Setting Length



Set Min Length



Set Max Length

Check and output



****No Check**



Check but no output



Check and output



开启设置码



Open Setting Code

Standard 2 of 5 (IATA 2 of 5)



Back Standard 2 of 5 Default setting

Allow/Prohibit read Standard 2 of 5



**Allow read Standard 2 of 5



Prohibit read Standard 2 of 5

Setting Length



Set Min Length



Set Max Length

Check and output



**No Check



Check and output



Check but no output





Code 39



Back Code 39 default setting

Allow/Prohibit read Code 39



**Allow read Code 39



Prohibit read Code 39

Output Start&Stop



Out Start and stop



** No output start and stop

Setting Length



Set Min Length



Set Max Length

Check and output



**No Check



Check and output



Check but no output



开启设置码



Open Setting Code

Full ASCII Support

Code 39's edit method can include representation of all ASCII characters. By setting, the scanner can support full ASCII character set.



****Allow Full ASCII**



Close Full ASCII

Codabar



Back Codabar Default setting

Allow/Prohibit read Codabar



****Allow read Codabar**



Prohibit read Codabar

Setting Length



Set Min Length



Set Max Length



开启设置码



Open Setting Code

Check and output



****No Check**



Check and output



Check but no output

Output Start and stop

Codabar front and last have one character to be Start and stop.Can set as output or not.



Output start and stop



****No output start and stop**

Start and stop format

Codabar Start and Stop allow one of“A”, “B”, “C”, “D” character,and also allow use “T”、“N”、“*”、“E” to show stop.Can use Upper or lower case letter to set Start or stop format.



****ABCD/ABCD**



ABCD/TN*E format



Uppercase letter



Lower case letter



开启设置码



Open Setting Code

Code 93



Back Code 93 Default Setting

Allow/Prohibit read Code 93



**Allow read Code 93



Prohibit read Code 93

Setting Length



Set Min Length



Set Max Length

Check and output



No Check



**Check but no output



Check and output



开启设置码



Open Setting Code

GS1-Databar (RSS)



Back GS1-Databar Default Setting

Allow/Prohibit read GS1-Databar



**Allow read GS1-Databar



Prohibit read GS1-Databar

Output AI (01) Character



**Output



No output

Code 11



Back Code 11 Default Setting

Allow/Prohibit read Code 11



**Allow read Code 11



Prohibit read Code 11



开启设置码



Open Setting Code

Setting Length



Set Min Length



Set Max Length

Output check



Output check



**No output check

Check choosing way



No Check



**1byte check,MOD11



2bytes check, MOD11/MOD11



2bytes check, MOD11/MOD9



MOD11 Single check(Len<=10),
MOD11/MOD11 Double check(Len>10)



MOD11 Single check(Len<=10),
MOD11/MOD9 Double check(Len>10)



开启设置码



Open Setting Code

Plessey



Back Plessey Default Setting

Allow/Prohibit read Plessey



****Allow read Plessey**



Prohibit read Plessey

Setting Length



Set Min Length



Set Max Length

Check and output



No Check



****Check but no output**



Check and output



开启设置码



Open Setting Code

MSI-Plessey



Back MSI-Plessey Default Setting

Allow/Prohibit read MSI-Plessey



****Allow read MSI-Plessey**



Prohibit read MSI-Plessey

Setting Length



Set Min Length



Set Max Length

Output Check



Output Check



****No Output Check**



开启设置码



Open Setting Code

Check choosing way



No Check



**1byte check,MOD11



2bytes check,MOD11/MOD11



2bytes, MOD11/MOD9

2D barcode type

PDF 417



Back PDF 417 Default Setting

Allow/Prohibit read PDF 417



**Allow read PDF 417



Prohibit read PDF 417



开启设置码



Open Setting Code

Setting Length



Set Min Length



Set Max Length

PDF 417 double code setting

PDF 417 Double code: Two PDF 417 barcodes side by side (up and down or left and right). The direction of the double code should be the same, the difference should be as small as possible, and the distance should be as close as possible. The double code setting has three modes.

Read single-code mode only: The device reads only one PDF417 barcode at one time;

Read only double code mode: The device must detect the PDF417 double code at any time, and the decoding information will be sent after both codes are successfully decoded.

Read single and double code mode: When reading the code, first check whether the PDF 417 double code exists. If it exists and decode successfully, it will be sent according to the double code. Otherwise, it will be treated as single code.



****Only read Singe Code**



Only read double code



Read single and double code

Double code output Sequence setting

Sequence 1: Output long information first

Sequence 2: Output short information first



****Sequence 1**



Sequence 2



开启设置码



Open Setting Code

QR Code



Back QR Code Default Setting

Allow/Prohibit read QR Code



****Allow read QR Code**



Prohibit read QR Code

Setting Length



Set Min Length



Set Max Length

Micro QR

Allow/Prohibit read Micro QR



****Allow read Micro QR**



Prohibit read Micro QR





QR Double Code Setting

QR Double code: Two QR barcodes side by side (up and down or left and right). The direction of the double code should be the same, the difference should be as small as possible, and the distance should be as close as possible. The double code setting has three modes.

Read single-code mode only: The device reads only one QR barcode at one time;

Read only double code mode: The device must detect the QR double code at any time, and the decoding information will be sent after both codes are successfully decoded.

Read single and double code mode: When reading the code, first check whether the QR double code exists. If it exists and decode successfully, it will be sent according to the double code. Otherwise, it will be treated as single code.



****Only read Singe Code**



Only read double code



Read single and double code

Double code output sequence setting

Sequence 1: Output long information first

Sequence 2: Output short information first

Sequence 3: When double code is left and right, will output left information first, When double code is up and down, will output up information first



Sequence 1



Sequence 2



****Sequence 3**



开启设置码



Open Setting Code

Data Matrix



Back Data Matrix Default Setting

Allow/Prohibit read Data Matrix



****Allow read Data Matrix**



Prohibit read Data Matrix

Setting Length



Set Min Length



Set Max Length

Rectangular version



****Identify Rectangular version**



No identify rectangular version

Mirror Support



****Allow read Mirror DM**



Prohibit read Mirror DM



开启设置码



Open Setting Code

Data Matrix Double Code Setting

Data Matrix Double: Two Data Matrix barcodes side by side (up and down or left and right). The direction of the double code should be the same, the difference should be as small as possible, and the distance should be as close as possible. The dual code setting has three modes.

Read single-code mode only: The device reads only one Data Matrix barcode at one time;

Read only double code mode: The device must detect the Data Matrix double code at any time, and the decoding information will be sent after both codes are successfully decoded. The order of sending is from top to bottom or left to right.

Read single and double code mode: When reading the code, first check whether the Data Matrix double code exists. If it exists and decode successfully, it will be sent according to the double code. Otherwise, it will be treated as single code.



****Only read Single Code**



Only read double code



Read single and double code

Han Xin Code



Back Han Xin Code Default Setting

Allow/Prohibit read Hanxin Code



Allow read Han Xin Code



****Prohibit read Han Xin Code**

Setting Length



Set Min Length



Set Max Length





Appendix A: Code ID table

Code type	Code ID
Code 128	g
GS1-128(UCC/EAN-128)	p
AIM-128	q
EAN-8	d
EAN-13	e
ISSN	r
ISBN	f
UPC-E	c
UPC-A	b
Interleaved 2 of 5	i
ITF-6	i
ITF-14	i
Matrix 2 of 5	n
Industrial 2 of 5	j
Standard 2 of 5	s
Code 39	a
Codebar	k
Code 93	h
Code 11	m
Plessey	t
MSI-Plessey	l
GS1 Databar	u
PDF 417	v
QR Code	w
Data Matrix	x
Chinese Sensible Code (汉信码)	y





Appendix B: ASCII Table(H=hex,D=decimal,C=character)

H	D	C	H	D	C	H	D	C	H	D	C
0	0	NUL	20	32	space	40	64	@	60	96	`
1	1	SOH	21	33	!	41	65	A	61	97	a
2	2	STX	22	34	"	42	66	B	62	98	b
3	3	ETX	23	35	#	43	67	C	63	99	c
4	4	EOT	24	36	\$	44	68	D	64	100	d
5	5	ENQ	25	37	%	45	69	E	65	101	e
6	6	ACK	26	38	&	46	70	F	66	102	f
7	7	BEL	27	39	'	47	71	G	67	103	g
8	8	BS	28	40	(	48	72	H	68	104	h
9	9	HT	29	41	)	49	73	I	69	105	i
0a	10	LF	2a	42	*	4a	74	J	6a	106	j
0b	11	VT	2b	43	+	4b	75	K	6b	107	k
0c	12	FF	2c	44	,	4c	76	L	6c	108	l
0d	13	CR	2d	45	-	4d	77	M	6d	109	m
0e	14	SO	2e	46	.	4e	78	N	6e	110	n
0f	15	SI	2f	47	/	4f	79	O	6f	111	o
10	16	DLE	30	48	0	50	80	P	70	112	p
11	17	DC1	31	49	1	51	81	Q	71	113	q
12	18	DC2	32	50	2	52	82	R	72	114	r
13	19	DC3	33	51	3	53	83	S	73	115	s
14	20	DC4	34	52	4	54	84	T	74	116	t
15	21	NAK	35	53	5	55	85	U	75	117	u
16	22	SYN	36	54	6	56	86	V	76	118	v
17	23	ETB	37	55	7	57	87	W	77	119	w
18	24	CAN	38	56	8	58	88	X	78	120	x
19	25	EM	39	57	9	59	89	Y	79	121	y
1a	26	SUB	3a	58	:	5a	90	Z	7a	122	z
1b	27	ESC	3b	59	;	5b	91	[	7b	123	{
1c	28	FS	3c	60	<	5c	92	\	7c	124	|
1d	29	GS	3d	61	=	5d	93	]	7d	125	}
1e	30	RS	3e	62	>	5e	94	^	7e	126	~
1f	31	US	3f	63	?	5f	95	_	7f	127	DEL



开启设置码



Open Setting Code

Appendix C: Data code

0~9

0



5



1



6



2



7



3



8



4



9



开启设置码



Open Setting Code

A~F

A



B



C



D



E



F



Appendix D: Save or Cancel

After reading the data code, you need to read the save code to save data. If an error occurs while reading the data code, in addition to resetting, you can also cancel reading the wrong data.

If you read a certain setting code and read the data "1", "2", "3" in turn, if you read "Cancel the previous reading of 1byte data", the last read number "3" will be canceled. If you read "Cancel previous reading data", the data "123" will be canceled. If you read "Cancel current setting", the setup code will be canceled together, but the device is still in the start up setup code state.

保存



Save

取消前一次读的一位数据



Cancel pervious reading of 1byte data

取消前面读的一串数据



Cancel previous reading data

取消当前设置



Cancel current setting

