

Chapter 1

Restore factory default



000001

Restore factory default

View version number



000095

View version number

Sound settings

Prompt for successful decoding

Turn on or off the prompt tone after successful decoding



499820

on*



499821

off

Duration of successful decoding prompt

Set the duration of the successful decoding prompt



815851

short



815850

long*

Prompt audio rate setting for successful decoding

Set the audio rate for successful decoding prompt



814645

2.0KHz*



814644

2.4KHz



814647

2.7KHz



814641

4.2KHz

Lighting settings

Fill light

Set the scanner fill light on or off



499871

on*



499870

off

Brightness of fill light



523692

High brightness*



523691

Middle brightness



523690

Low brightness

Aiming light

Set the scanner aiming light on or off



499881

on*



499880

off

Data Format

Data output format -- USB mode



598690

Default*



598691

UTF-8 (WORD)



598692

GBK (notepad, Excel)

Data output format -- serial port mode



593750

Default*



593752

UTF-8 (WORD)



593751

GBK (notepad, Excel)

Image recognition settings

Image inversion (reverse) setting

Normal phase bar code: bar code with light background and dark bar

Inverted bar code: dark background, light bar code, also known as reverse white bar code, reverse color bar code



Normal*



Inverted

Image mirroring settings

Turn on all mirrors: can read the mirrors of all barcodes

Prohibit all mirroring: turn off the mirroring of all barcodes



On



Off*

Chapter 2

USB keyboard interface



004001

USB-KBW*

National keyboard layout



837596

USA (American English) *



837598

Singapore



837594

Italy



837593

German



8375911

Sierra Leone



837590

Belgium



8375913

Russia



8375915

Russia (Russian)



837595

Spain



837591

UK (British English)



837592

France



837599

Salvador



8375912

Turkey



8375914

Hungary



8375910

Japan



8375916

Thailand

Virtual keyboard



595890

Off*



595891

On

Case conversion



597790

Normal (no change) *



597792

Upper (all uppercase)



597791

Lower (all lowercase)

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

USB-COM virtual serial interface



004002

USB-COM

TTL/RS232 serial interface



004000

TTL/RS232

Baud rate



841593

2400bps



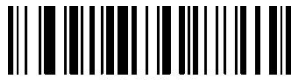
841595

9600bps



841598

38400bps



8415910

115200bps*



841594

4800bps



841597

19200bps



841599

57600bps

Check Digit



839640

ODD



839644

NONE*



839642

EVEN

Data bit

You can choose to transmit 7, 8-bit data, please make sure that the data bits of the scanner are consistent with the data receiving host.



839861

8-bit data*



839860

7-bit data

Stop bit



839851

1-bit*



839850

2-bit

Chapter 3

Reading mode



816552

Manual*



816550

Sense

Chapter 4

Custom prefix

Scan the entry/exit setting barcode, you can start and end the process of adding prefix.



Enter/exit settings

The steps to add custom prefix are as follows:

Step 1: Scan the "Enter/Exit Settings" barcode above to start.

Step 2: Scan the "1" barcode in next page.

Step 3: Check the corresponding decimal value in "ASCII code table" of the first character to be added, and take 3 digits, if not enough 3 digits, add 0 in front. Scan the numbers in order in Chapter 7 "Appendix- Data Code"

Step 4: Scan the "2" barcode in next page.

Step 5: Check the corresponding decimal value in "ASCII code table" of the second character to be added, and take 3 digits, if not enough 3 digits, add 0 in front. Scan the numbers in order in Chapter 7 "Appendix- Data Code"

... ..

Step N: Scan the "Enter/Exit Settings" barcode above to end.

Prefix setting numbers

Add up to 10 characters (bytes) for the custom prefix.



964090

1



962090

3



960090

5



958090

7



956090

9



963090

2



961090

4



959090

6



957090

8



955090

10

Example: Add custom prefix "XY" to all barcode types.

Step 1: Scan the "Enter/Exit Settings" barcode to start.

Step 2: Scan the "1" barcode in above page.

Step 3: Check the corresponding decimal value in "ASCII code table" of the character "X" -
"088". Scan "0" "8" "8" in order in Chapter 7 "Appendix- Data Code"

Step 4: Scan the "2" barcode in above page.

Step 5: Check the corresponding decimal value in "ASCII code table" of the character "Y" -
"089". Scan "0" "8" "9" in order in Chapter 7 "Appendix- Data Code"

Step 6: Scan the "Enter/Exit Settings" barcode to end.

Delete custom prefix



Delete custom prefix

Custom suffix

Scan the entry/exit setting barcode, you can start and end the process of adding suffix.



Enter/exit settings

The steps to add custom suffix are as follows: (the same steps as add custom prefix)

Step 1: Scan the "Enter/Exit Settings" barcode above to start.

Step 2: Scan the "1" barcode in next page.

Step 3: Check the corresponding decimal value in "ASCII code table" of the first character to be added, and take 3 digits, if not enough 3 digits, add 0 in front. Scan the numbers in order in Chapter 7 "Appendix- Data Code"

Step 4: Scan the "2" barcode in next page.

Step 5: Check the corresponding decimal value in "ASCII code table" of the second character to be added, and take 3 digits, if not enough 3 digits, add 0 in front. Scan the numbers in order in Chapter 7 "Appendix- Data Code"

... ..

Step N: Scan the "Enter/Exit Settings" barcode above to end.

Suffix setting numbers

Add up to 10 characters (bytes) for the custom suffix.



1



3



5



7



9



2



4



6



8



10

Example: Add custom suffix "XY" to all barcode types.

Step 1: Scan the "Enter/Exit Settings" barcode to start.

Step 2: Scan the "1" barcode in above page.

Step 3: Check the corresponding decimal value in "ASCII code table" of the character "X" -
"088". Scan "0" "8" "8" in order in Chapter 7 "Appendix- Data Code"

Step 4: Scan the "2" barcode in above page.

Step 5: Check the corresponding decimal value in "ASCII code table" of the character "Y" -
"089". Scan "0" "8" "9" in order in Chapter 7 "Appendix- Data Code"

Step 6: Scan the "Enter/Exit Settings" barcode to end.

Delete custom suffix



Delete custom suffix

End character setting



833861

Add <CR>*



833871

Add <LF>



833860

Delete <CR>



833870

Delete <LF>

Chapter 5

Global Settings



Enable to read all barcode types



Disable to read all barcode types



Enable to read all 1D barcodes



Disable to read all 1D barcodes



Enable to read all 2D barcodes



Disable to read all 2D barcodes

Note: When disable to read all barcode types, the setting codes can be still be read.

UPC-A

Enable /Disable to read UPC-A



997831

Enable UPC-A*



997830

Disable UPC-A

Transmit check character

UPC-A barcode data fixed to 12 characters, and the 12th character is the check bit to check all 12 characters correctness. Transmit check character for default.



924821

Transmit check character*



924820

Not transmit check character

Transmit leading character (country code)

The country code of the UPC-A barcode is a prefix character, not showing in printed data.



924881

Transmit leading character*



924880

Not transmit leading character

Convert to EAN-13

UPC-A barcode type supports extended settings. After the extension turned on, UPC-A barcode information is expanded to 13 digits, prefixed with "0", and barcode type is converted to EAN-13 , and the default is no conversion.



924851

Convert



924850

Not Convert*

UPC-E

Enable/Disable UPC-E



997891

Enable UPC-E*



997890

Disable UPC-E

Transmit check character

UPC-E barcode data fixed to 8 characters, and the 8th character is the check bit to check all 8 characters correctness. Transmit check character for default.



924831

Transmit check character*



924830

Not transmit check character

Transmit leading character (country code)

The country code of the UPC-E barcode is a prefix character, not showing in printed data.



Transmit



Not Transmit*

Convert to UPC-A

UPC-E barcode type supports extended settings. After the extension turned on, UPC-E barcode information is expanded to 12 digits, and barcode type is converted to UPC-A, and the default is no conversion.



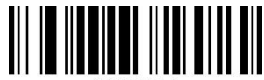
Convert



Not Convert*

EAN-8

Enable/Disable EAN-8



997851

Enable EAN-8*



997850

Disable EAN-8

Transmit check character

EAN-8 barcode data fixed to 8 characters, and the 8th character is the check bit to check all 8 characters correctness. Transmit check character for default.



920891

Transmit check character*



920890

Not transmit check character

Convert to EAN-13



924871

Convert



924870

Not Convert*

EAN-13

Enable/Disable EAN-13



997881

Enable EAN-13*



997880

Disable EAN-13

Transmit check character

EAN-13 barcode data fixed to 13 characters, and the 13th character is the check bit to check all 13 characters correctness. Transmit check character for default.



920871

Transmit check character*



920870

Not transmit check character

UPC/EAN additional bit setting

Additional bits refer to the 2 or 5 digital barcodes appended to the normal barcode, as shown below. The blue line frame on the left is the normal barcode, and the red line frame on the right is the additional bits. The default is to turn off the additional bits.



Enable 2-bit additional digitals



Disable 2-bit additional digitals*



Enable 5-bit additional digitals



Disable 5-bit additional digitals*



UPC/EAN must include additional bits



UPC/EAN not include additional bits*

Code 128

Enable/Disable Code 128



998861

Enable Code 128*



998860

Disable Code 128

Code 39

Enable/Disable Code 39



998881

Enable Code 39*



998880

Disable Code 39

Check character setting

Code 39 bar code data does not contain mandatory check character , if there is the check character, it is the last data - 1 character. The check character is a value calculated based on all data to check whether the data is correct. You can Enable or Disable check according to your needs, and set whether to send check characters or not.

The default is "Disable check"



609790

Disable check*



609791



609792

Enable MOD43 check and transmit check
character

Enable MODE 43check and not transmit
check character

Transmit start character and end character

Code 39 barcode data has a character "*" before and after the data, used as the start character and end character. You can set to transmit the start character and end character with the barcode data after the barcode is successfully read.



609871

Transmit



609870

Not Transmit*

Full ASCII recognition range

Code 39 code data can include all ASCII characters, but the scanner only reads partial ASCII characters by default. By setting, you can turn on the function of reading complete ASCII characters.



997821

Recognize all ASCII characters



997820

Recognize partial ASCII characters*

Code 32

Enable/Disable Code 32

Code 32, also called Code 32 Pharmaceutical, is a form of the Code 39 barcode used by Italian pharmacies. This barcode is also called PARAF.



Enable Code 32



Disable Code 32*

Note: Enabling Code 32 will affect Code 39. Code 32 can only be read when Code 39 is enabled and without check.

Code 93

Enable/Disable Code 93



Enable Code 93



Disable Code 93*

Code 11

Enable/Disable Code 11



Enable Code 11



Disable Code 11*

Check character setting

Code 11 bar code data does not contain mandatory check character, if there is the check character, it is the last 1 or 2 characters. The check character is a value calculated based on all data to check whether the data is correct.



1 check character*



2 check characters

Transmit Check character



Transmit Check character



Not Transmit Check character*

Codabar (NW-7)

Enable/Disable Codabar



998851

Enable Codabar*



998850

Disable Codabar

Check character setting

Codabar bar code data does not contain mandatory check character, if there is the check character, it is the last 1 character. The check character is a value calculated based on all data to check whether the data is correct.



610770

Disable check



610772

Enable check and transmit



610771

Enable check and not transmit*

Transmit start character and end character



922821

Transmit



922820

Not Transmit*

Interleaved 2 of 5

Enable/Disable Interleaved 2 of 5



998841

Enable Interleaved 2 of 5



998840

Disable Interleaved 2 of 5*

Check character setting

Interleaved 2 of 5 bar code data does not contain mandatory check character , if there is the check character, it is the last 1 character. The check character is a value calculated based on all data to check whether the data is correct. You can Enable or Disable check according to your needs, and set whether to send check characters or not.

The code digits of Interleaved 2 of 5 bar code must be even, the check character is included in the code, if the data is odd, the first digit should be filled with 0.



610790

Disable check*



610791

Enable check and transmit check



610792

Enable check and not transmit check

Matrix 2 of 5

Enable/Disable Matrix 2 of 5



999841

Enable Matrix 2 of 5



999840

Disable Matrix 2 of 5*

Check character setting

Matrix 2 of 5 bar code data does not contain mandatory check character , if there is the check character, it is the last 1 character. The check character is a value calculated based on all data to check whether the data is correct.



994820

Enable check*



994821

Disable check



921871

Transmit check



921870

N Transmit check*

Industrial 2 of 5

Enable/Disable Industrial 2 of 5



998891

Enable Industrial 2 of 5



998890

Disable Industrial 2 of 5*

MSI Plessey

Enable/Disable MSI Plessey



997871

Enable MSI Plessey



997870

Disable MSI Plessey*

Telepen

Enable/Disable Telepen



999821

Enable Telepen



999820

Disable Telepen*

GS1 DataBar 14(RSS-14)

Enable/Disable GS1 DataBar 14



995861

Enable GS1 DataBar 14



995860

Disable GS1 DataBar 14*

Note: GS1 DataBar 14, also called GS1 Databar Omnidirectional or RSS-14

GS1 DataBar Limited (RSS-Limited)

Enable/Disable RSS-Limited



995851

Enable RSS-Limited



995850

Disable RSS-Limited*

Note: GS1 DataBar Limited, also called RSS-Limited

GS1 DataBar Expanded(RSS-Expanded)

Enable/Disable RSS-Expanded



995841

Enable RSS-Expanded



995840

Disable RSS-Expanded*

Note: GS1 DataBar Expanded, also called RSS-Expanded

QR Code

Enable/Disable QR Code



993871

Enable QR Code*



993870

Disable QR Code

QR Code inverted settings



993860

Normal QR reading*



993861

Inverted QR reading

QR Code web code



591890

Enable to read web QR*



591891

Disable to read web QR

QR Code mirroring



579891

Enable QR mirroring



579890

Disable QR mirroring*

Micro QR Code

Enable/Disable Micro QR Code



993841

Enable Micro QR Code



993840

Disable Micro QR Code*

Micro QR Code inverted settings



993830

Normal Micro QR reading*



993831

Inverted Micro QR reading

Data Matrix

Enable/Disable Data Matrix



994861

Enable Data Matrix*



994860

Disable Data Matrix

Data Matrix inverted settings



994870

Normal Data Matrix reading*



994871

Inverted Data Matrix reading

Data Matrix mirroring



580821

Enable Data Matrix mirroring



580820

Disable Data Matrix mirroring*

PDF 417

Enable/Disable PDF 417



999891

Enable PDF 417



999890

Disable PDF 417*

Micro PDF 417

Enable/Disable Micro PDF 417



995821

Enable Micro PDF 417



995820

Disable Micro PDF 417*

MaxiCode

Enable/Disable MaxiCode



993851

Enable MaxiCode



993850

Disable MaxiCode*

Aztec

Enable/Disable Aztec



993891

Enable Aztec



993890

Disable Aztec*

Aztec inverted settings



993880

Normal Aztec reading*



993881

Inverted Aztec reading

Dot Code

Enable/Disable Dot Code



580881

Enable Dot Code



580880

Disable Dot Code*

Chapter 6 communication instruction

Introduction

When the scanner uses the serial port mode, you can control the scanner to scan or set related functions by sending related command.

Command format

The barcode scanner adopts the format of " prefix + command + suffix" as a set of commands, and the user can select a string or hexadecimal command to send to control the barcode scanner. The command is the corresponding hexadecimal setting code content.

prefix: 0x02

suffix: 0x03

Command format: 0x02 + command +0x03

Command feedback

When the command is sent successfully: the scanner returns ACK value: 0x06

When the command sending fails: the scanner returns NAK value: 0x15

Set command format

Step 1: send the "Enter/Exit Settings" configuration code - turn on

Step 2: send the "corresponding function setting code" configuration code

Step 3: send the "Enter/Exit Settings" configuration code to save the corresponding configuration

Note: After the third step is successfully set, the barcode scanner will beep three times to indicate the setting is successful.

Example: Set "Disable QR Code" by command

Setting code command: 993870

Step 1: send hexadecimal: 02 30 30 30 30 30 30 03

Step 2: send hexadecimal: 02 39 39 33 38 37 30 03

Step 3: send hexadecimal: 02 30 30 30 30 30 30 03

Trigger instruction

Turn on scanning: [0x16][0x54][0x0D]

Turn off scanning: [0x16][0x55][0x0D]

Command sending example

To send a hexadecimal command to control the scanning, please confirm the serial port protocol setting, and input the corresponding command to send in the command sending input box.



Chapter 7 Appendix

Appendix - Data Code



0

0



2

2



4

4



6

6



8

8



1

1



3

3



5

5



7

7



9

9

Appendix - Default Setting Table

Parameter name	Default setting	Note
Comprehensive settings		
Setting code function	ON	Default: Enable
Setting code sending	OFF	Default: Disable
Prompt for successful decoding	ON	
Duration of successful decoding tone	Long	
Audio frequency for successful decoding	2.0KHz	
Fill light	ON	
Brightness of fill light	High	
Aiming light	ON	
Data output format	Default	
Image reading setting	Normal image reading	
Communication settings		
Interface mode	USB-KBW	
Keyboard language	American English	
Virtual keyboard	OFF	
Case conversion	OFF	Normal
Baud rate	115200	
Serial check	No check	
Data bit	8 bit	

Stop bit	1 位	
Reading mode		
Reading mode	Manual	
Sense mode	OFF	
Sense mode - sensitivity	Middle	
Sense mode - same barcode reading delay	ON	500MS
Data editing		
Transmit custom prefix	OFF	
Transmit custom suffix	OFF	
End character	ON	CR
Barcode parameter setting		
Enable all barcodes	OFF	
UPC-A		
Enable reading	ON	
Transmit check character	ON	
Read 2-bit additional characters	OFF	
Read 5-bit additional characters	OFF	
Mandatory additional bits, Enable 2 bits	OFF	
Mandatory additional bits, Enable 5 bits	OFF	
Transmit leading characters	ON	
Convert to EAN-13	OFF	
UPC-E		

Enable reading	ON	
Transmit check character	OFF	
Read 2-bit additional characters	OFF	
Read 5-bit additional characters	OFF	
Mandatory additional bits, Enable 2 bits	OFF	
Mandatory additional bits, Enable 5 bits	OFF	
Transmit leading characters	OFF	
Convert to UPC-A	OFF	
EAN-8		
Enable reading	ON	
Transmit check character	ON	
Read 2-bit additional characters	OFF	
Read 5-bit additional characters	OFF	
Mandatory additional bits, Enable 2 bits	OFF	
Mandatory additional bits, Enable 5 bits	OFF	
Convert to EAN-13	OFF	
EAN-13		
Enable	ON	
Transmit check character	ON	
Code 128		
Enable	ON	
Code 39		

Enable reading	ON	
Transmit check	OFF	
MOD43 check	OFF	
Transmit start and end character	OFF	
Reading Full ASCII	OFF	
Code 32		
Enable reading	OFF	
Code 93		
Enable reading	ON	
MODE 47check	ON	
Transmit check	OFF	
Code 11		
Enable reading	OFF	
Enable check	ON	1-bit check
Transmit check	OFF	
Codabar		
Enable reading	ON	
Enable check	ON	
Transmit check	OFF	
Transmit start and end character	OFF	
Interleaved 2 of 5		
Enable reading	OFF	

Enable check	OFF	
Transmit check	OFF	
Matrix 2 of 5		
Enable reading	OFF	
Enable check	ON	
Transmit check	OFF	
Industrial 2 of 5		
Enable reading	OFF	
MSI Plessey		
Enable reading	OFF	
Telepen		
Enable reading	OFF	
RSS-14		
Enable reading	OFF	
RSS-Limited		
Enable reading	OFF	
RSS-Expanded		
Enable reading	OFF	
QR Code		
Enable reading	ON	
QR Inverted reading	OFF	
Web QR reading	ON	

QR mirroring	OFF	
Micro QR Code		
Enable reading	OF	
Micro QR Inverted reading	OFF	
Data Matrix		
Enable reading	ON	
DM Inverted reading	OFF	
DM mirroring	OFF	
PDF 417		
Enable reading	ON	
Micro PDF 417		
Enable reading	OFF	
Maxi Code		
Enable reading	OFF	
Aztec		
Enable reading	OFF	
Aztec Inverted reading	OFF	
Dot Code		
Enable reading	OFF	

Appendix - ASCII code table

Note: 00-31 are invisible characters used as control characters, and 32-127 are visible characters.

Hexadecimal	ASCII value (decimal)	Character
00	00	NUL (Null char.)
01	01	SOH (Start of Header)
02	02	STX (Start of Text)
03	03	ETX (End of Text)
04	04	EOT (End of Transmission)
05	05	ENQ (Enquiry)
06	06	ACK (Acknowledgment)
07	07	BEL (Bell)
08	08	BS (Backspace)
09	09	HT (Horizontal Tab)
0A	10	LF (Line Feed)
0B	11	VT (Vertical Tab)
0C	12	FF (Form Feed)
0D	13	CR (Carriage Return)
0E	14	SO (Shift Out)
0F	15	SI (Shift In)
10	16	DLE (Data Link Escape)
11	17	DC1 (XON) (Device Control 1)

12	18	DC2 (Device Control 2)
13	19	DC3 (XOFF) (Device Control 3)
14	20	DC4 (Device Control 4)
15	21	NAK (Negative Acknowledgment)
16	22	SYN (Synchronous Idle)
17	23	ETB (End of Trans. Block)
18	24	CAN (Cancel)
19	25	EM (End of Medium)
1A	26	SUB (Substitute)
1B	27	ESC (Escape)
1C	28	FS (File Separator)
1D	29	GS (Group Separator)
1E	30	RS (Request to Send)
1F	31	US (Unit Separator)
20	32	SP (Space)
21	33	! (Exclamation Mark)
22	34	" (Double Quote)
23	35	# (Number Sign)
24	36	\$ (Dollar Sign)
25	37	% (Percent)
26	38	& (Ampersand)
27	39	` (Single Quote)

28	40	((Right / Closing Parenthesis)
29	41) (Right / Closing Parenthesis)
2A	42	* (Asterisk)
2B	43	+ (Plus)
2C	44	, (Comma)
2D	45	- (Minus / Dash)
2E	46	. (Dot)
2F	47	/ (Forward Slash)
30	48	0
31	49	1
32	50	2
33	51	3
34	52	4
35	53	5
36	54	6
37	55	7
38	56	8
39	57	9
3A	58	: (Colon)
3B	59	; (Semi-colon)
3C	60	< (Less Than)
3D	61	= (Equal Sign)

3E	62	> (Greater Than)
3F	63	? (Question Mark)
40	64	@ (AT Symbol)
41	65	A
42	66	B
43	67	C
44	68	D
45	69	E
46	70	F
47	71	G
48	72	H
49	73	I
4A	74	J
4B	75	K
4C	76	L
4D	77	M
4E	78	N
4F	79	O
50	80	P
51	81	Q
52	82	R
53	83	S

54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5A	90	Z
5B	91	[(Left / Opening Bracket)
5C	92	\ (Back Slash)
5D	93] (Right / Closing Bracket)
5E	94	^ (Caret / Circumflex)
5F	95	_ (Underscore)
60	96	' (Grave Accent)
61	97	a
62	98	b
63	99	c
64	100	d
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
6E	110	n
6F	111	o
70	112	p
71	113	q
72	114	r
73	115	s
74	116	t
75	117	u
76	118	v
77	119	w
78	120	x
79	121	y
7A	122	z
7B	123	{ (Left/ Opening Brace)
7C	124	(Vertical Bar)
7D	125	} (Right/Closing Brace)
7E	126	~ (Tilde)
7F	127	DEL (Delete)

Appendix - ASCII extended characters (CP-1252 encoding)

hexadecimal	ASCII value (decimal)	Character
80	128	€
81	129	
82	130	,
82	131	<i>f</i>
84	132	„
85	133	...
86	134	†
87	135	‡
88	136	^
89	137	‰
8A	138	Š
8B	139	<
8C	140	Œ
8D	141	
8E	142	Ž
8F	143	
8G	144	
91	145	'
92	146	'

93	147	“
94	148	”
95	149	•
96	150	–
97	151	—
98	152	~
99	153	™
9A	154	š
9B	155	>
9C	156	œ
9D	157	
9E	158	ž
9F	159	ÿ
A0	160	
A1	161	ı
A2	162	¢
A3	163	£
A4	164	¤
A5	165	¥
A6	166	
A7	167	§
A8	168	¨

A9	169	©
AA	170	a
AB	171	«
AC	172	¬
AD	173	
AE	174	®
AF	175	–
B0	176	◦
B1	177	±
B2	178	²
B3	179	³
B4	180	´
B5	181	μ
B6	182	¶
B7	183	·
B8	184	˘
B9	185	1
BA	186	◦
BB	187	»
BC	188	¼
BD	189	½
BE	190	¾

BF	191	ı
C0	192	À
C1	193	Á
C2	194	Â
C3	195	Ã
C4	196	Ä
C5	197	Å
C6	198	Æ
C7	199	Ç
C8	200	È
C9	201	É
CA	202	Ê
CB	203	Ë
CC	204	Ì
CD	205	Í
CE	206	Î
CF	207	Ï
D0	208	Ð
D1	209	Ñ
D2	210	Ò
D3	211	Ó
D4	212	Ô

D5	213	Õ
D6	214	Ö
D7	215	×
D8	216	Ø
D9	217	Ù
DA	218	Ú
DB	219	Û
DC	220	Ü
DD	221	Ý
DE	222	Þ
DF	223	ß
E0	224	à
E1	225	á
E2	226	â
E3	227	ã
E4	228	ä
E5	229	å
E6	230	æ
E7	231	ç
E8	232	è
E9	233	é
EA	234	ê

EB	235	ë
EC	236	ì
ED	237	í
EE	238	î
EF	239	ï
F0	240	ǒ
F1	241	ñ
F2	242	ò
F3	243	ó
F4	244	ô
F5	245	õ
F6	246	ö
F7	247	÷
F8	248	ø
F9	249	ù
FA	250	ú
FB	251	û
FC	252	ü
FD	253	ý
FE	254	þ
FF	255	ÿ