USER MANUAL

SR500NM

CUSTOM®

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Start / End

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Time to Suspend State

This parameter sets the time to enter to suspend state when the decoder is idle. It is programmable in 1ms increments from 0 to 36,00,000 ms. When it is set to 0, the timeout is disable. The default setting is 0 ms.

Set the time to suspend state to 6,000 ms

1. Scan the **Start** barcode.
2. Scan the **Time to Suspend State** barcode
3. Scan the "6", "0", "0" and "0" barcodes from the **Digit Number** in Appendix C.
4. Scan the **End** barcode.

Start / End

Time to Suspend State

Time to Ignore Same Barcode

Time to ignore the decode when read same barcode in a given period of time. It is programmable in 1ms increments from 1ms to 5,000 ms. When it is set to 0, the timeout is disable. The default setting is 300 ms.

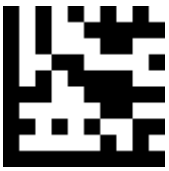
To ignore the decode when read same barcode in 1,000 ms

1. Scan the **Start** barcode.

2. Scan the **Time to Ignore Same Barcode**

3. Scan the "1", "0", "0" and "0" barcodes from the **Digit Number** in Appendix C.

4. Scan the **End** barcode.



Start / End

Time to Ignore Same Barcode

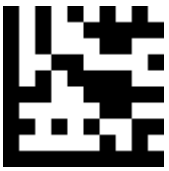
Code Settings

Enable All Codes

Start / End

Enable All Codes

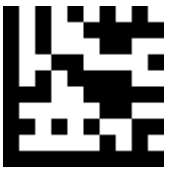
Enable 1D Codes



Start / End

Enable 1D Codes

Enable 2D Codes



Start / End

Enable 2D Codes

Disable All Codes

Start / End

Disable All Codes

UPC-A

Start / End

Enable UPC-A / DEFAULT

Disable UPC-A

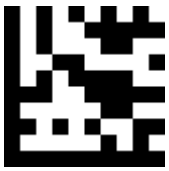
UPC-A - Continued

Start / End

Include Number System Digit / DEFAULT

Exclude Number System Digit

UPC-A - Continued



Start / End

Send Check Digit / DEFAULT

Don't Send Check Digit

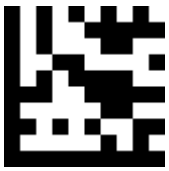
UPC-A - Continued

Start / End

Expand to EAN13

Don't Expand to EAN13 / DEFAULT

UPC-A - Continued



Start / End

Disable UPC-A Add-ons / DEFAULT

Enable UPC-A 2/5-Digit Add-ons

UPC-A - Continued

Start / End

Enable UPC-A 2-Digit Add-ons

Enable UPC-A 5-Digit Add-ons

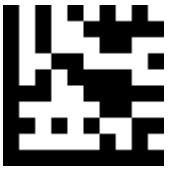
UPC-A - Continued

Start / End

Disable UPC-A 2/5-Digit Add-ons Only / DEFAULT

Enable UPC-A 2/5-Digit Add-ons Only

UPC-E

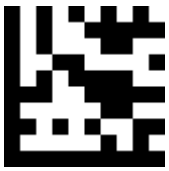


Start / End

Enable UPC-E / DEFAULT

Disable UPC-E

UPC-E - Continued

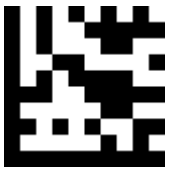


Start / End

Include Number System Digit / DEFAULT

Exclude Number System Digit

UPC-E - Continued



Start / End

Send Check Digit / DEFAULT

Don't Send Check Digit

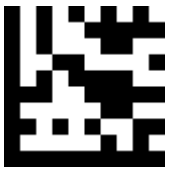
UPC-E - Continued

Start / End

Expand to UPC-A

Don't Expand to UPC-A / DEFAULT

UPC-E - Continued

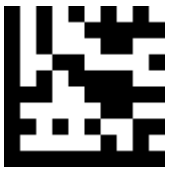


Start / End

Disable UPC-E Add-ons / DEFAULT

Enable UPC-E 2/5-Digit Add-ons

UPC-E - Continued

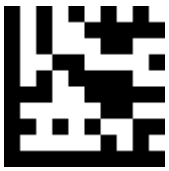


Start / End

Enable UPC-E 2-Digit Add-ons

Enable UPC-E 5-Digit Add-ons

UPC-E - Continued



Start / End

Disable UPC-E 2/5-Digit Add-ons Only / DEFAULT

Enable UPC-E 2/5-Digit Add-ons Only

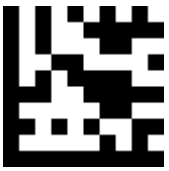
EAN 13

Start / End

Enable EAN 13 / DEFAULT

Disable EAN 13

EAN 13 - Continued

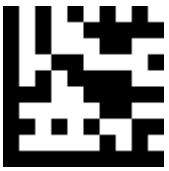


Start / End

Send Check Digit / DEFAULT

Don't Send Check Digit

EAN 13 - Continued

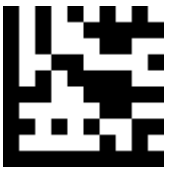


Start / End

Disable ISBN / DEFAULT

Enable ISBN

EAN 13 - Continued

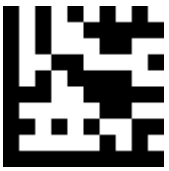


Start / End

Disable EAN 13 Add-ons / DEFAULT

Enable EAN 13 2/5-Digit Add-ons

EAN 13 - Continued

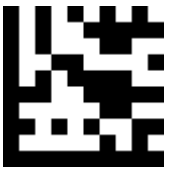


Start / End

Enable EAN 13 2-Digit Add-ons

Enable EAN 13 5-Digit Add-ons

EAN 13 - Continued

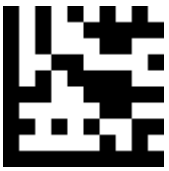


Start / End

Disable EAN 13 2/5-Digit Add-ons Only / DEFAULT

Enable EAN 13 2/5-Digit Add-ons Only

EAN 8

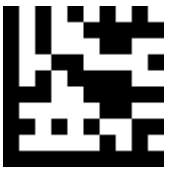


Start / End

Enable EAN 8 / DEFAULT

Disable EAN 8

EAN 8 - Continued

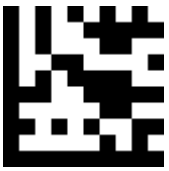


Start / End

Send Check Digit / DEFAULT

Don't Send Check Digit

EAN 8 - Continued

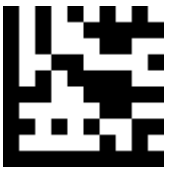


Start / End

Expand to EAN 13

Don't Expand to EAN 13 / DEFAULT

EAN 8 - Continued

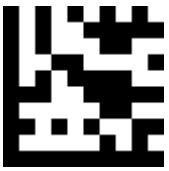


Start / End

Disable EAN 8 Add-ons / DEFAULT

Enable EAN 8 2/5-Digit Add-ons

EAN 8 - Continued

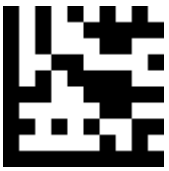


Start / End

Enable EAN 8 2-Digit Add-ons

Enable EAN 8 5-Digit Add-ons

EAN 8 - Continued

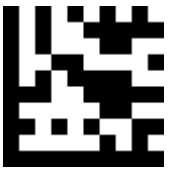


Start / End

Disable EAN 8 2/5-Digit Add-ons Only / DEFAULT

Enable EAN 8 2/5-Digit Add-ons Only

Code 128 / GS1-128



Start / End

Enable Code 128 / GS1-128 / DEFAULT

Disable Code 128 / GS1-128

GS1–128 - Continued

Start / End

Transmit GS1-128 AIM ID

Do Not Transmit GS1-128 AIM ID / DEFAULT

Set Lengths for Code 128

One Discrete Length

Select this option to decode the symbol containing a selected length. Select the length using the numeric bar codes in ASCII Code. For example, to decode only Code 128 symbols with 14 characters, scan **Code 128 One Discrete Length**, then scan **1** followed by **4**.

- **Two Discrete Lengths**

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in ASCII Code. For example, to decode only Code 128 symbols containing either 2 or 14 characters, select **Code 128 Two Discrete Lengths**, then scan **0**, **2**, **1**, and
then **4**.

- **Length Within Range**

Select this option to decode the symbol with a specific length range. Select lengths using numeric bar codes in ASCII Code. For example, to decode Code 128 symbols containing between 4 and 12 characters, first scan **Code 128 Length Within Range**. Then scan **0**, **4**, **1,** and **2**.

- **Any Length**

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.

Code 128 /GS1-128 - Continued

Start / End

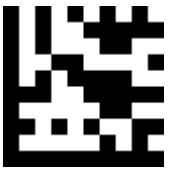
One Discrete Length

Two Discrete Lengths

Length Within Range

Any Length /DEFAULT

Code 39

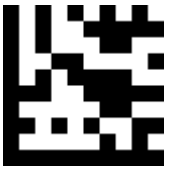


Start / End

Enable Code 39 / DEFAULT

Disable Code 39

Code 39 - Continued

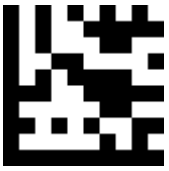


Start / End

Disable Code 39 Full ASCII / DEFAULT

Enable Code 39 Full ASCII

Code 39 - Continued

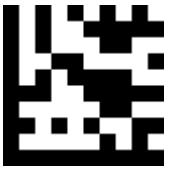


Start / End

Don't Transmit Start / Stop Characters / DEFAULT

Transmit Start / Stop Characters

Code 39 - Continued

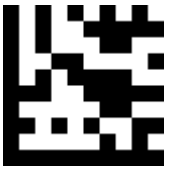


Start / End

Disable Check Digit Calculation / DEFAULT

Enable Check Digit Calculation

Code 39 - Continued



Start / End

Disable Check Digit Transmission / DEFAULT

Enable Check Digit Transmission

Set Lengths for Code 39

One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in ASCII Code. For example, to decode only Code 39 symbols with 14 characters, scan **Code 39 One Discrete Length**, then scan **1** followed by **4**.

- **Two Discrete Lengths**

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in ASCII Code. For example, to decode only Code 39 symbols containing either 2 or 14 characters, select **Code 39 Two Discrete Lengths**, then scan **0**, **2**, **1**, and then **4**.

- **Length Within Range**

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in ASCII Code. For example, to decode Code 39 symbols containing between 4 and 12 characters, first scan **Code 39**

Length Within Range. Then scan **0**, **4**, **1,** and **2**.

- **Any Length**

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.

Code 39 - Continued

Start / End

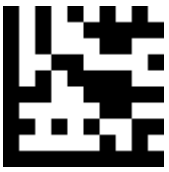
One Discrete Length

Two Discrete Lengths

Length Within Range

Any Length / DEFAULT

Code 93



Start / End

Enable Code 93 / DEFAULT

Disable Code 93

Set Lengths for Code 93

One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in ASCII Code. For example, to decode only Code 93 symbols with 14 characters, scan **Code 93 One Discrete Length**, then scan **1** followed by **4**.

- **Two Discrete Lengths**

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in ASCII Code. For example, to decode only Code 93 symbols containing either 2 or 14 characters, select **Code 93 Two Discrete Lengths**, then scan **0**, **2**, **1**, and then **4**.

- **Length Within Range**

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in ASCII Code. For example, to decode Code 93 symbols containing between 4 and 12 characters, first scan **Code 93**

Length Within Range. Then scan **0**, **4**, **1,** and **2**.

- **Any Length**

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.

Code 39 - Continued

Start / End

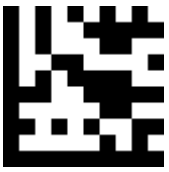
One Discrete Length

Two Discrete Lengths

Length Within Range

Any Length / DEFAULT

Code 32

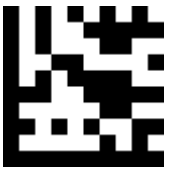


Start / End

Enable Code 32

Disable Code 32 / DEFAULT

Pharmacode

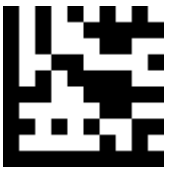


Start / End

Enable Pharmacode

Disable Pharmacode / DEFAULT

Codabar

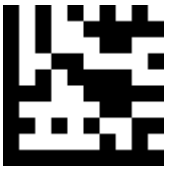


Start / End

Enable Codabar

Disable Codabar / DEFAULT

Codabar - Continued

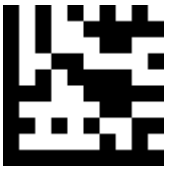


Start / End

Disable Check Digit Verification / DEFAULT

Enable Check Digit Verification

Codabar - Continued

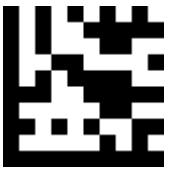


Start / End

Disable Check Digit Transmission / DEFAULT

Enable Check Digit Transmission

Codabar - Continued



Start / End

Transmit Start / Stop Characters

Don't Transmit Start / Stop Characters / DEFAULT

Set Lengths for Codabar

One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in ASCII Code. For example, to decode only Codabar symbols with 14 characters, scan **Codabar One Discrete Length**, then scan **1** followed by **4**.

- **Two Discrete Lengths**

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in ASCII Code. For example, to decode only Codabar symbols containing either 2 or 14 characters, select **Codabar Two Discrete Lengths**, then scan **0**, **2**, **1**, and then **4**.

- **Length Within Range**

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in ASCII Code. For example, to decode Codabar symbols containing between 4 and 12 characters, first scan **Codabar Length Within Range**. Then scan **0**, **4**, **1,** and **2**.

- **Any Length**

Select this option to decode the symbol containing any number of characters within the digital scanner’s capability.

Codabar - Continued

Start / End

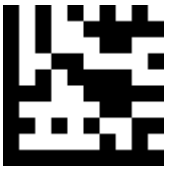
One Discrete Length

Two Discrete Lengths

Length Within Range

Any Length / DEFAULT

MSI

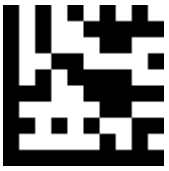


Start / End

Enable MSI

Disable MSI / DEFAULT

MSI - Continued

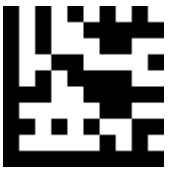


Start / End

Enable Check Digit Calculation / DEFAULT

Disable Check Digit Calculation

MSI - Continued

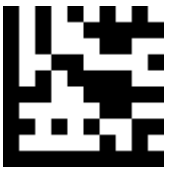


Start / End

Enable Check Digit Transmission / DEFAULT

Disable Check Digit Transmission

MSI - Continued



Start / End

Check Digit Algorithm - MOD 10 / DEFAULT

Check Digit Algorithm - MOD 10 / MOD 10

Check Digit Algorithm - MOD 10 / MOD 11

Set Lengths for MSI

One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in ASCII Code. For example, to decode only MSI symbols with 14 characters, scan **MSI One Discrete Length**, then scan **1** followed by **4**.

- **Two Discrete Lengths**

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in ASCII Code. For example, to decode only MSI symbols containing either 2 or 14 characters, select **MSI Two Discrete Lengths**, then scan **0**, **2**, **1**, and then **4**.

- **Length Within Range**

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in ASCII Code. For example, to decode MSI symbols containing between 4 and 12 characters, first scan **MSI Length Within Range**. Then scan **0**, **4**, **1,** and **2**.

- **Any Length**

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.

MSI - Continued

Start / End

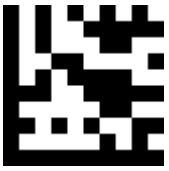
One Discrete Length

Two Discrete Lengths

Length Within Range

Any Length / DEFAULT

Interleaved 2 of 5

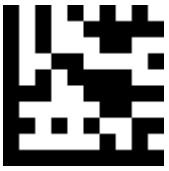


Start / End

Enable Interleaved 2 of 5 / DEFAULT

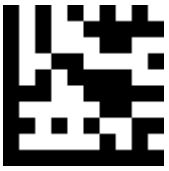
Disable Interleaved 2 of 5

Interleaved 2 of 5 - Continued



Start / End

Interleaved 2 of 5 - Continued



Start / End

Disable Check Digit Transmission / DEFAULT

Enable Check Digit Transmission

Set Lengths for Interleaved 2 of 5

One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in ASCII Code. For example, to decode only Interleaved 2 of 5 symbols with 14 characters, scan Interleaved 2 of 5 One Discrete Length, then scan 1 followed by 4.

- **Two Discrete Lengths**

  Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in ASCII Code. For example, to decode only Interleaved 2 of 5 symbols containing either 2 or 14 characters, select **Interleaved 2 of 5 Two Discrete Lengths**, then scan **0**, **2**, **1**, and then **4**.

- **Length Within Range**

  Select this option to decode the symbol with a specific length range.
  Select lengths using numeric bar codes in ASCII Code. For example, to decode Interleaved 2 of 5 symbols containing between 4 and 12 characters, first scan
  Interleaved 2 of 5 Length Within Range. Then scan **0**, **4**, **1,** and **2**.

- **Any Length**

  Select this option to decode the symbol containing any number of characters within the digital scanner's capability.

Interleaved 2 of 5 - Continued

Start / End

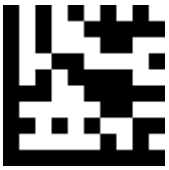
One Discrete Length

Two Discrete Lengths

Length Within Range

Any Length / DEFAULT

GS1 DataBar 14



Start / End

Enable GS1 DataBar 14

Disable DataBar 14 / DEFAULT

GS1 DataBar 14 – Continued

Start / End

Transmit Application Identifier "01" / DEFAULT

Do Not Transmit Application Identifier "01"

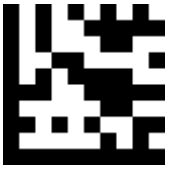
GS1 DataBar 14 Stacked -

Start / End

Enable GS1 DataBar 14 Stacked

Disable GS1 DataBar 14 Stacked / DEFAULT

Continued

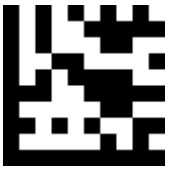


Start / End

Transmit Application Identifier “01” / DEFAULT

Do Not Transmit Application Identifier “01”

GS1 DataBar Expanded



Start / End

Enable GS1 DataBar Expanded

Disable GS1 DataBar Expanded / DEFAULT

GS1 DataBar Expanded –

Continued

Start / End

Transmit Application Identifier “01” / DEFAULT

Do Not Transmit Application Identifier “01”

GS1 DataBar Expanded Stacked

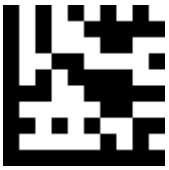
Start / End

Enable GS1 DataBar Expanded Stacked

Disable GS1 DataBar Expanded Stacked / DEFAULT

GS1 DataBar Expanded Stacked

- Continued

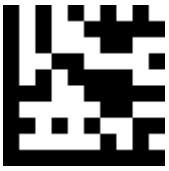


Start / End

Transmit Application Identifier “01” / DEFAULT

Do Not Transmit Application Identifier “01”

GS1 DataBar Limited



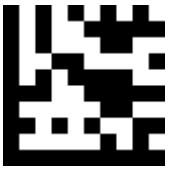
Start / End

Enable GS1 DataBar Limited

Disable GS1 DataBar Limited / DEFAULT

GS1 DataBar Limited –

Continued

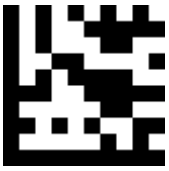


Start / End

Transmit Application Identifier “01” / DEFAULT

Do Not Transmit Application Identifier “01”

PDF417

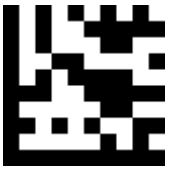


Start / End

Enable PDF417 / DEFAULT

Disable PDF417

Micro PDF417



Start / End

Enable Micro PDF417

Disable Micro PDF417 / DEFAULT

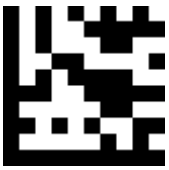
Data Matrix

Start / End

Enable Data Matrix / DEFAULT

Disable Data Matrix

Data Matrix – Continued

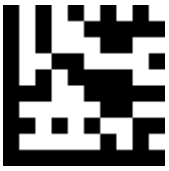


Start / End

Transmit GS1 Data Matrix AIM ID

Do Not Transmit GS1 Data Matrix AIM ID / DEFAULT

QR

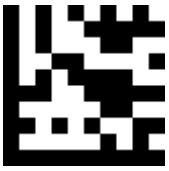


Start / End

Enable QR / DEFAULT

Disable QR

QR – Continued

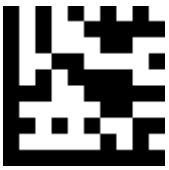


Start / End

Transmit GS1 QR AIM ID

Do Not Transmit GS1 QR AIM ID / DEFAULT

QR – Continued



Start / End

Microsoft Office Word - UTF8 / Codepage Keyboard Output

Unicode - UTF8 Keyboard Output / DEFAULT

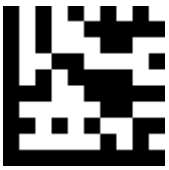
QR – Continued

Start / End

GB2312 - Microsoft Office Word

GB2312 - QR Keyboard Output

QR – Continued

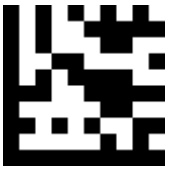


Start / End

Big 5 - Microsoft Office Word

Big 5 - QR Keyboard Output

QR - Continued

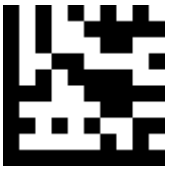


Start / End

Shift JIS - Microsoft Office Word

Shift JIS - QR Keyboard Output

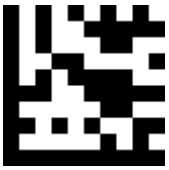
QR - Continued



Start / End

Thai - UTF8 QR Keyboard Output

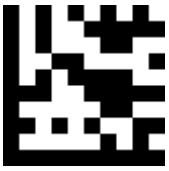
QR - Continued



Start / End

Russian - UTF8 QR Keyboard Output

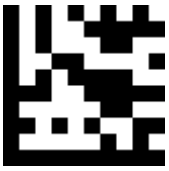
QR – Continued



Start / End

Turkish - UTF8 QR Keyboard Output

QR – Continued



Start / End

Italian - UTF8 QR Keyboard Output

QR – Continued

Start / End

German - UTF8 QR Keyboard Output

Micro QR

Start / End

Enable Micro QR

Disable Micro QR / DEFAULT

Aztec

Start / End

Enable Aztec

Disable Aztec / DEFAULT

Data Editing

The scan data is transmitted as below format.

Prefix	AIM ID	Scan Data	Suffix

Prefix/Suffix

One or two prefixes and/or suffixes can be appended to scan data for use in data editing.

Example:

Set a Prefix/Suffix for all codes

<Enter programming Mode>

<Set Prefix> or <Set Suffix>

<Set All Codes>

<Set one code of **ASCII Codes** or **Direct Keys** >

<Exit programming Mode>

Set two Prefixes/Suffixes for all codes

<Enter programming Mode>

<Set Prefix> or <Set Suffix>

<Set All Codes>

<Set first code of **ASCII Codes** or **Direct Keys** >

<Set second code of **ASCII Codes** or **Direct Keys** >

<Exit programming Mode>

Disable Prefixes/Suffixes for all codes

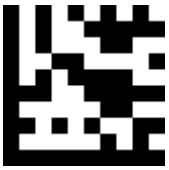
<Enter programming Mode>

<Disable Prefix> or <Disable Suffix>

<Set All Codes>

<Exit programming Mode>

Set Prefix

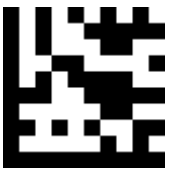


Start / End

Set Prefix

Disable Prefix / DEFAULT

Set Suffix



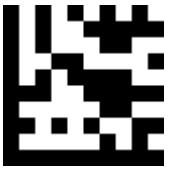
Start / End

Set Suffix

(Default CR for all codes)

Disable Suffix

Set Prefix/Suffix for Codes



Start / End

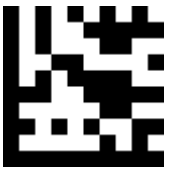
Set All Codes

UPC-A

UPC-E

EAN 13

Set Prefix/Suffix for Codes



Start / End

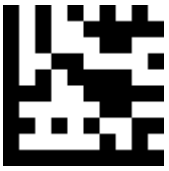
EAN 8

Code 128

Code 39

Code 93

Set Prefix/Suffix for Codes



Start / End

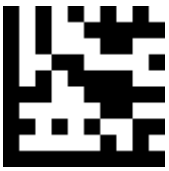
Code 32

Pharmacode

Codabar

MSI

Set Prefix/Suffix for Codes



Start / End

Interleaved 2 of 5

GS1 DataBar 14

GS1 DataBar 14 Stacked

GS1 DataBar Expanded

Set Prefix/Suffix for Codes

Start / End

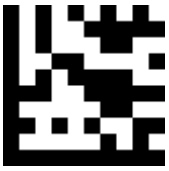
GS1 DataBar Expanded Stacked

GS1 DataBar Limited

PDF417

Micro PDF417

Set Prefix/Suffix for Codes



Start / End

Data Matrix

QR

Micro QR

Aztec

AIM ID

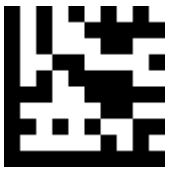
Start / End

Disable Transmission of AIM ID / DEFAULT

Enable Transmission of AIM ID

Keyboard Function Key Mapping

Enable this to send the keys in bold **(see ASCII Codes**) in place of the standard key mapping. Table entries that do not have a bold entry remain the same whether or not this parameter is enabled

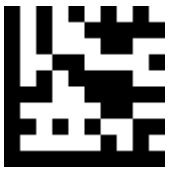


Start / End

Disable Function Key Mapping

Enable Function Key Mapping / DEFAULT

Keyboard Function Key Mapping - Continued



Start / End

Ctrl + ASCII Mode / DEFAULT

Control Characters (0x00 - 0x1F) are sent as ASCII sequences.

Alt + Numeric Keypad Mode

Control Characters (0x00 - 0x1F) are sent as Unicode code sequences.

Keyboard Caps Lock State

Start / End

Caps Lock Off / DEFAULT

Caps Lock On

Case Conversion

Start / End

Disable / DEFAULT

Convert to Upper Case

Convert to Lower Case

Note: Case Conversion does not affect AIM ID , Prefix , Suffix.

Control Characters Conversion

Convert Control Characters (0x00 - 0x1F) to other keystroke.

Set ASCII value 29 [GS] to #

1. Scan the **Start** barcode.
2. Scan the **GS Conversion** barcode.
3. Scan the **#** barcode from the **ASCII Code** in Appendix A.
4. Scan the **End** barcode.

Disable ASCII value 29 [GS] conversion

1. Scan the **Start** barcode.
2. Scan the **Disable GS Conversion** barcode.
4. Scan the **End** barcode.

Control Characters Conversion – Continued

Start / End

NUL Conversion

Disable NUL Conversion

SOH Conversion

Disable SOH Conversion

Control Characters Conversion - Continued

Start / End

STX Conversion

Disable STX Conversion

ETX Conversion

Disable ETX Conversion

Control Characters Conversion - Continued

Start / End

EOT Conversion

Disable EOT C
onversion

ENQ Conversion

Disable ENQ Conversion

Control Characters Conversion - Continued

Start / End

ACK Conversion

Disable ACK Conversion

BEL Conversion

Disable BEL Conversion

Control Characters Conversion - Continued

Start / End

BS Conversion

Disable BS Conversion

HT Conversion

Disable HT Conversion

Control Characters Conversion - Continued

Start / End

LF Conversion

Disable LF Conversion

VT Conversion

Disable VT Conversion

Control Characters Conversion - Continued

Start / End

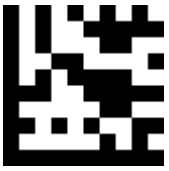
FF Conversion

Disable FF Conversion

CR Conversion

Disable CR Conversion

Control Characters Conversion - Continued



Start / End

SO Conversion

Disable SO Conversion

SI Conversion

Disable SI Conversion

Control Characters Conversion - Continued

Start / End

DLE Conversion

Disable DLE Conversion

DC1 Conversion

Disable DC1 Conversion

Control Characters Conversion - Continued

Start / End

DC2 Conversion

Disable DC2 Conversion

DC3 Conversion

Disable DC3 Conversion

Control Characters Conversion - Continued

Start / End

DC4 Conversion

Disable DC4 Conversion

NAK Conversion

Disable NAK Conversion

Control Characters Conversion - Continued

Start / End

SYN Conversion

Disable SYN Conversion

ETB Conversion

Disable ETB Conversion

Control Characters Conversion - Continued

Start / End

CAN Conversion

Disable CAN Conversion

EM Conversion

Disable EM Conversion

Control Characters Conversion - Continued

Start / End

SUB Conversion

Disable SUB Conversion

ESC Conversion

Disable ESC Conversion

Control Characters Conversion - Continued

Start / End

FS Conversion

Disable FS Conversion

GS Conversion

Disable GS Conversion

Control Characters Conversion - Continued

Start / End

RS Conversion

Disable RS Conversion

US Conversion

Disable US Conversion

Appendix A - ASCII Codes

ASCII (hex)	Serial	Keystroke	
01	SOH	ENTER / **CTRL+A**	
02	STX	F11 / **CTRL+B**	
03	ETX	F12 / **CTRL+C**	
04	EOT	NULL / **CTRL+D**	

The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
05	ENQ	NULL / **CTRL+E**	
06	ACK	NULL / **CTRL+F**	
07	BEL	NULL / **CTRL+G**	
08	BACKSPACE	BACKSPACE	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
09	TAB	TAB	
0A	LF	RIGHT / **CTRL+J**	
0B	VT	NULL / **CTRL+K**	
0C	FF	NULL / **CTRL+L**	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
0D	CR	ENTER	
0E	SO	INSERT / **CTRL+N**	
0F	SI	Page Up / **CTRL+O**	
10	DLE	Page Down / **CTRL+P**	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
11	DC1	HOME / **CTRL+Q**	
12	DC2	LEFT / **CTRL+R**	
13	DC3	DWON / **CTRL+S**	
14	DC4	Up / **CTRL+T**	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
15	NAK	F6 / **CTRL+U**	
16	SYN	F1 / **CTRL+V**	
17	ETB	F2 / **CTRL+W**	
18	CAN	F3 / **CTRL+X**	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
19	EM	F4 / **CTRL+Y**	
1A	SUB	F5 / **CTRL+Z**	
1B	ESC	ESC / **CTRL+[**	
1C	FS	F7 / **CTRL+**	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
1D	GS	F8 / **CTRL+]**	
1E	RS	F9 / **CTRL+^**	
1F	US	F10 / **CTRL+_**	
20	SPACE	SPACE	
The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.			

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
21	!	!	
22	"	"	
23	#	#	
24	$	$	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
25	%	%	
26	&	&	
27	'	'	
28	(	(	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
29	)	)	
2A	*	*	
2B	+	+	
2C	,	,	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
2D	-	-	
2E	.	.	
2F	/	/	
30	0	0	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
31	1	1	
32	2	2	
33	3	3	
34	4	4	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
35	5	5	
36	6	6	
37	7	7	
38	8	8	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
39	9	9	
3A	:	:	
3B	;	;	
3C	<	<	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
3D	=	=	
3E	>	>	
3F	?	?	
40	@	@	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
41	A	A	
42	B	B	
43	C	C	
44	D	D	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
45	E	E	
46	F	F	
47	G	G	
48	H	H	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
49	I	I	
4A	J	J	
4B	K	K	
4C	L	L	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
4D	M	M	
4E	N	N	
4F	O	O	
50	P	P	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
51	Q	Q	
52	R	R	
53	S	S	
54	T	T	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
55	U	U	
56	V	V	
57	W	W	
58	X	X	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
59	Y	Y	
5A	Z	Z	
5B	[	[	
5C	\	\	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
5D	]	]	
5E	^	^	
5F	_	_	
60	'	'	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
61	a	a	
62	b	b	
63	c	c	
64	d	d	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
65	e	e	
66	f	f	
67	g	g	
68	h	h	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
69	i	i	
6A	j	j	
6B	k	k	
6C	l	l	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
6D	m	m	
6E	n	n	
6F	o	o	
70	p	p	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
71	q	q	
72	r	r	
73	s	s	
74	t	t	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
75	u	u	
76	v	v	
77	w	w	
78	x	x	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
79	y	y	
7A	z	z	
7B	{	{	
7C	|	|	

ASCII Codes - Continued			
ASCII (hex)	Serial	Keystroke	
7D	}	}	
7E	~	~	

Appendix B - Prefix/Suffix Direct Keys

F1

F2

F3

F4

Prefix/Suffix Direct Keys - Continued

F5

F6

F7

F8

Prefix/Suffix Direct Keys - Continued

F9

F10

F11

F12

Prefix/Suffix Direct Keys - Continued

INSERT

DELETE

HOME

END

Prefix/Suffix Direct Keys - Continued

Arrow Up

Arrow Down

Arrow Left

Arrow Right

Prefix/Suffix Direct Keys - Continued

CTRL

ALT

SHIFT

Page Up

Prefix/Suffix Direct Keys - Continued

Page Down

ALT+a

ALT+b

ALT+c

Prefix/Suffix Direct Keys - Continued

ALT+d

ALT+e

ALT+f

ALT+g

Prefix/Suffix Direct Keys - Continued

ALT+h

ALT+i

ALT+j

Ctrl+k

Prefix/Suffix Direct Keys - Continued

ALT+l

ALT+m

ALT+n

ALT+o

Prefix/Suffix Direct Keys - Continued

ALT+p

ALT+q

ALT+r

ALT+s

Prefix/Suffix Direct Keys - Continued

ALT+t

ALT+u

ALT+v

ALT+w

Prefix/Suffix Direct Keys - Continued

ALT+x

ALT+y

ALT+z

Appendix C - Digit Number

0

1

2

3

4

5

Appendix C - Digit Number - Continued

6

7

8

9

Revision History

Version 1.6

- Add setting for Aztec
- Add setting for Brazil keyboard
- Add following settings for 2/5-Digit Add-ons

  Enable/Disable UPC-A 2/5-Digit Add-ons Only

  Enable/Disable UPC-E 2/5-Digit Add-ons Only

  Enable/Disable EAN 13 2/5-Digit Add-ons Only

  Enable/Disable EAN 8 2/5-Digit Add-ons Only
- Add following settings for UTF8 QR Keyboard Output

  Turkish - UTF8 QR Keyboard Output

  Italian - UTF8 QR Keyboard Output

  German - UTF8 QR Keyboard Output
- Support the setting for Time to Suspend State
- Support the setting for Time to Ignore Same Barcode
- Update the settings for Prefix/Suffix
- Support the settings for Control Characters Conversion

Version 1.5

- Add setting for Turkish Q keybaord
- Add settings for Custom Defaults
- Add settings for GS1-128
- Add settings for GS1 Data Matrix
- Add settings for GS1 QR
- Add settings for GS1 DataBar 14
- Add settings for GS1 DataBar Expanded
- Add settings for GS1 DataBar Limited
- Add settings for Function Key Mapping

  Control characters (0x00 - 0x1F) are sent as ASCII sequences

  Control characters (0x00 - 0x1F) are sent as Unicode code

Version 1.4

- Add setting for Disable All Codes
- Add setting for Only Enable 1D Codes
- Add setting for Only Enable 2D Codes
- Add setting for Enable All Codes

Version 1.3

- Correct the setting barcode for Disable Prefix

Version 1.2

- Add Shift JIS Keyboard Output for QR

Version 1.1

- Add settings for Standby Time

Version 1.0

- Initial release

Part Number : 05762000000097 Rev. 1.00

CUSTOM S.p.A.
World Headquarters
Via Berettine, 2/B - 43010 Fontevivo, Parma ITALY
Tel. +39 0521 680111 - Fax +39 0521 610701
info@custom.biz - www.custom.biz

www.custom.biz