

Programming Guide

Advanced 2D Imager

Revision History

Changes to the original manual are listed below:

Version	Date	Description of Version
1.0	2015/08/13	Initial release
1.1	2015/9/10	Added beep functions
1.2	2015/11/3	Corrected terminal character default, baud rate
1.3	2015/11/5	Added Show Version
1.4	2015/11/23	Added defaults to symbologies
1.5	2016/4/26	Added new functions Customer's Factory Default, Continue Scan, Illumination, Delay Time for Scan Code, Keyboard Caps Lock, Set Lengths for Codes, Function Key Mapping, Added Universal UTF8 conversion installation file note, descriptions for Continue Scan settings
1.6	2016/6/23	Changed Continue scan mode descriptions

Important Notice

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General Handling Precautions

- Do not dispose the scanner in fire.
- Do not put the scanner directly in the sun or by any heat source.
- Do not use or store the scanner in a very humid place.
- Do not drop the scanner or allow it to collide violently with other objects.
- Do not take the scanner apart without authorization

Guidance for Printing

This manual is in A5 size. Please double check your printer setting before printing it out. When the barcodes are to be printed out for programming, the use of a high-resolution laser printer is strongly suggested for the best scan result.

Firmware Notice

To use all functions in this guide please update to the latest firmware.

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Using the Scanner

Beeper Indication

Beeps	Indication
3 beeps in a series from low to high pitch	Power up
1 short beep	A barcode has been successfully decoded
2 short beeps	The scanner has entered program mode
1 long beep	A setting has been programmed
3 beeps in a series from low to high pitch	The scanner has exited program mode
3 short beeps	Error setting the scanner

LED Indication

LED	Indication
1 blue flash	A barcode has been successfully decoded

Settings and Programming

Scan selected barcodes in this manual to affect setup and programming of your handheld imaging barcode scanner. Decoding options and interface protocols can be tailored to a specific application.

Setup parameters are stored in non-volatile memory in the scanner and are retained even when power is off. Setup parameters change only when you reset them. You may need to hide adjacent code patches with your hand when scanning.

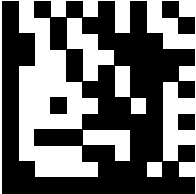
Program Set Up Flow

Scan "Set" to set up --> Scan selected barcode --> Scan "End" to confirm the setup.

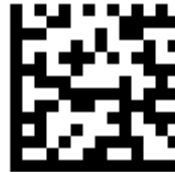
User Preferences

System Settings

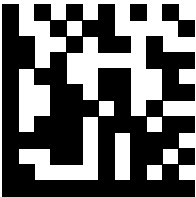
Scan this barcode to return all parameters to the default values.



Set



Factory default settings



End

Show Version

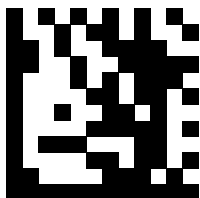
Scan this barcode to display firmware version.



Read device information

Customer's Factory Default

Scan barcodes below to set or delete customer's factory default.



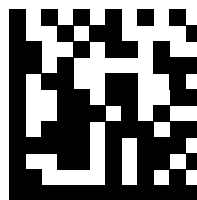
Set



Save customer's factory default



Delete customer's factory default



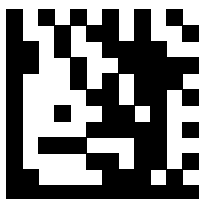
End

Scan Mode

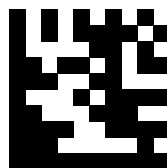
Scan a barcodes below to set the scanner to different modes.

Handheld mode allows you to scan manually with trigger; Hands Free and Continue Scan modes allow automatic scan when barcodes are present in front of the scanner.

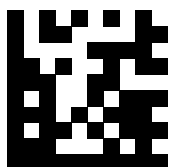
In Continue Scan mode, the scan LED stays active and continues to decode. If no barcode is present in the scanning field for 20 seconds, the scanner goes to standby with scan LED continues to flash.



Set



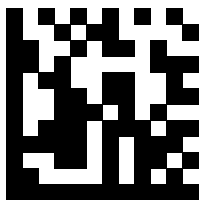
Handheld Mode (Default)



Hands Free Mode



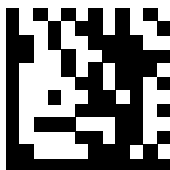
Continue Scan Mode



End

Standby Time for Continue Scan Mode

Use the barcodes below to set the standby time for Continue Scan mode.



Set



5 minutes (Default)



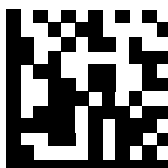
10 minutes



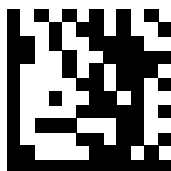
15 minutes



20 minutes



End



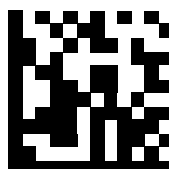
Set



25 minutes



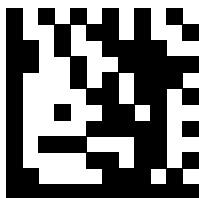
30 minutes



End

Same Code Delay Time for Continue Scan Mode

Scan a barcode below to select the duration of the delay time for scan code.



Set



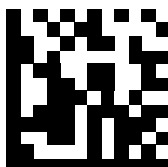
500 msec



1 sec (Default)



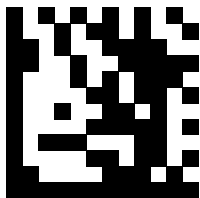
1.5 sec



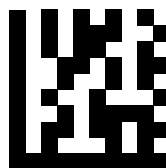
End

Interface Switch

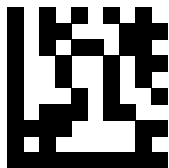
Your 2D Imager supports interfaces such as USB HID, RS232 serial, and USB virtual COM. To switch the interface, simply select the appropriate cable and configure the proper interface by following interface selection.



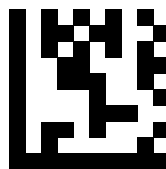
Set



RS-232

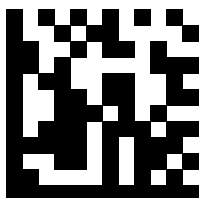


USB Keyboard (Default)



USB Virtual COM Port

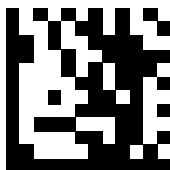
*Driver required



End

Good Read Beep Length

Scan a barcode below to select the duration of the beep signal after a good decode.



Set



50 msec (Default)



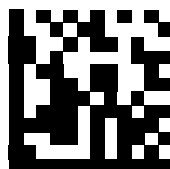
100 msec



150 msec



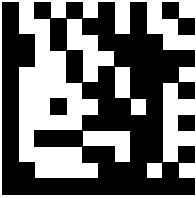
200 msec



End

Good Read Beep Frequency

Scan a barcode below to select the beep tone of the beep signal after a good decode.



Set



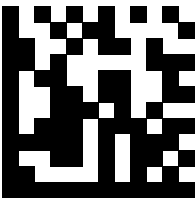
Low



Medium (Default)



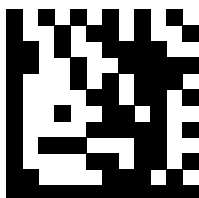
High



End

Aiming Pattern

Aiming pattern works as an aiming system to aid in barcode reading. Use the following settings to enable or disable this function.



Set



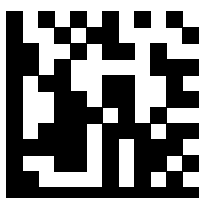
Auto (Default)



Always On



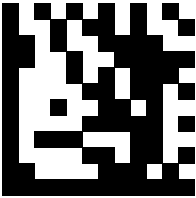
Always Off



End

Illumination

Set Illumination to aid in barcode reading. Use the following settings to configure this function.



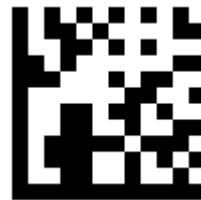
Set



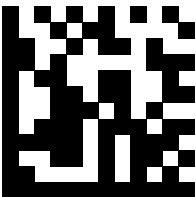
On (Default)



Always On

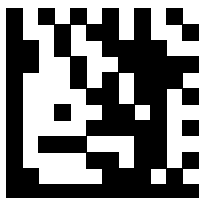


Off

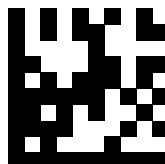


End

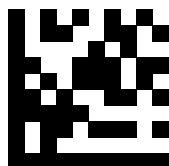
Terminal Character



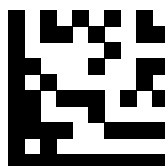
Set



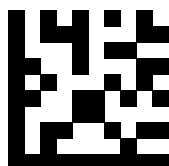
None



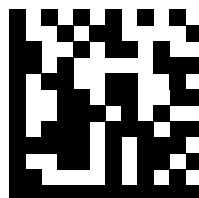
CR/LF (Default)



CR



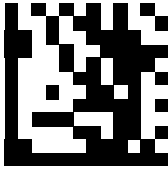
TAB



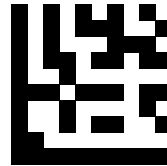
End

RS232 Baud Rate

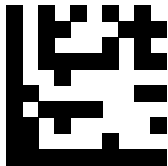
Baud rate is the number of bits of data transmitted per second. Set the imager's baud rate to match the baud rate setting of the host device. Otherwise, data may not reach the host device or may reach it in distorted form.



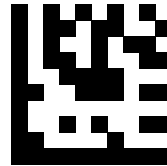
Set



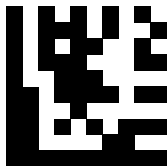
9600



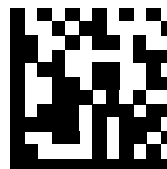
19200



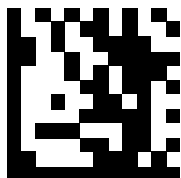
38400



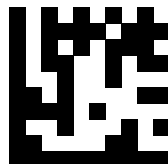
57600



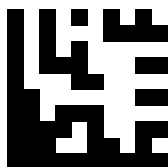
End



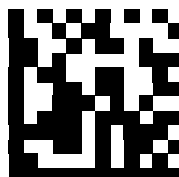
Set



115200 (Default)



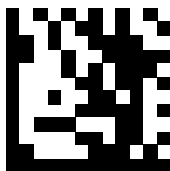
230400



End

Country Code

Scann the following settings to change the country code.



Set



US (Default)



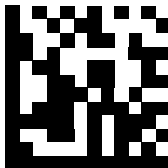
Belgium



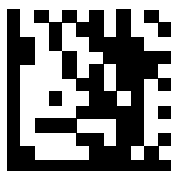
Britain



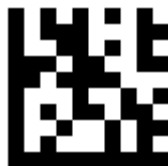
Denmark



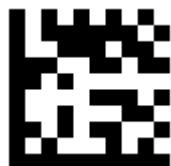
End



Set



France



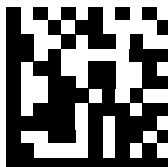
Germany



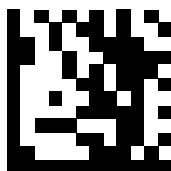
Italy



Norway



End



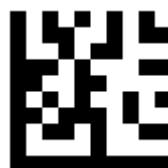
Set



Portugal



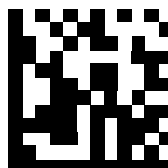
Spain



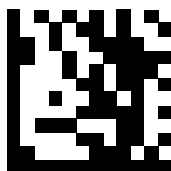
Sweden



Switzerland



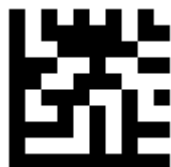
End



Set



Japan



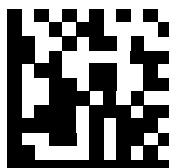
Hungary



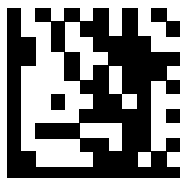
Czech Republic



Slovakia



End



Set



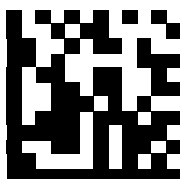
Romania



Croatia



Poland

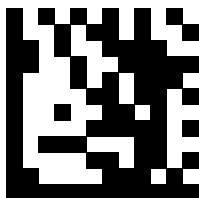


End

Readable Symbolologies

This section provides the programming barcodes for enabling and disabling readable symbolologies. If the default values suit requirements, programming is not necessary.

All Symbolologies



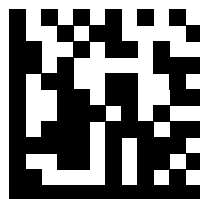
Set



Enable All

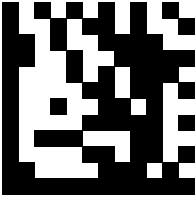


Default



End

UPC-A



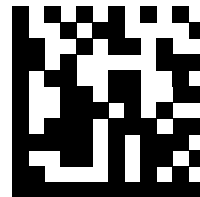
Set



Enable UPC-A (Default)

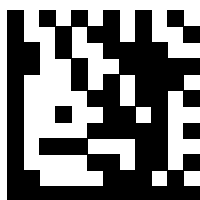


Disable UPC-A



End

UPC-E



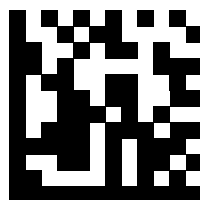
Set



Enable UPC-E (Default)

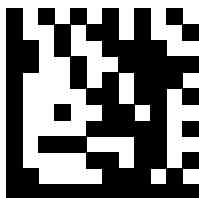


Disable UPC-E



End

EAN-8



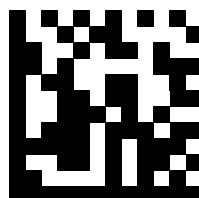
Set



Enable EAN 8 (Default)

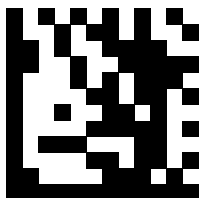


Disable EAN 8



End

EAN 13



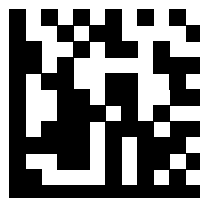
Set



Enable EAN 13 (Default)

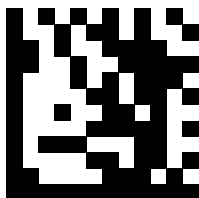


Disable EAN 13



End

Code 128



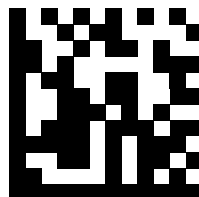
Set



Enable Code 128 (Default)

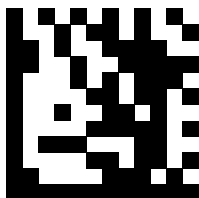


Disable Code 128



End

Code 39



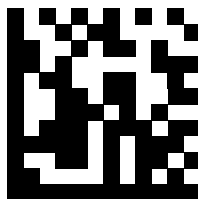
Set



Enable Code 39 (Default)

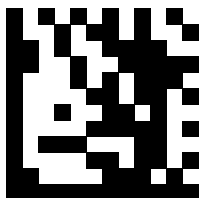


Disable Code 39



End

Code 93



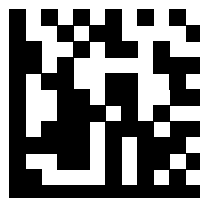
Set



Enable Code 93 (Default)

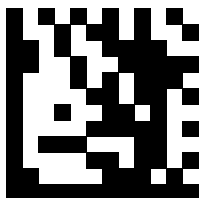


Disable Code 93



End

Code 32



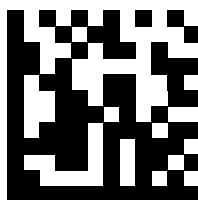
Set



Enable Code 32

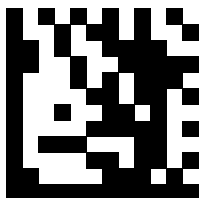


Disable Code 32 (Default)



End

Code 11



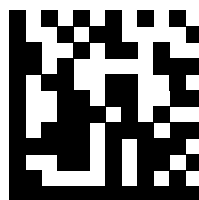
Set



Enable Code 11

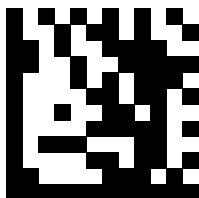


Disable Code 11 (Default)



End

Codabar



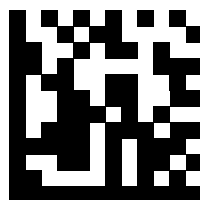
Set



Enable Codabar (Default)

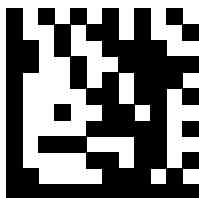


Disable Codabar



End

Plessey



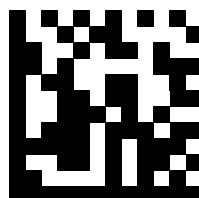
Set



Enable Plessey

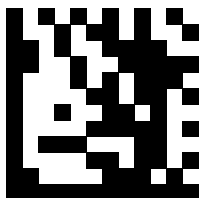


Disable Plessey (Default)



End

MSI/Plessy



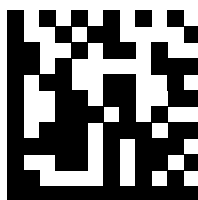
Set



Enable MSI/Plessy

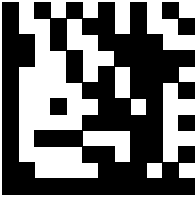


Disable MSI/Plessy (Default)



End

Interleaved 2 of 5



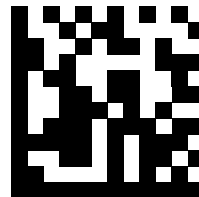
Set



Enable Interleaved 2 of 5 (Default)

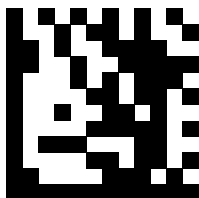


Disable Interleaved 2 of 5



End

IATA 2 of 5



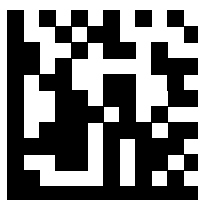
Set



Enable IATA 2 of 5

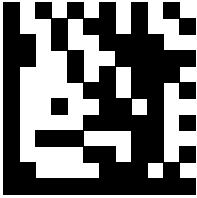


Disable IATA 2 of 5 (Default)



End

Matrix 2 of 5



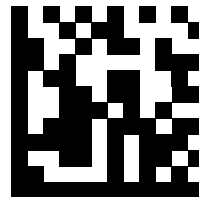
Set



Enable Matrix 2 of 5

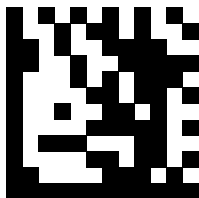


Disable Matrix 2 of 5 (Default)



End

Straight 2 of 5



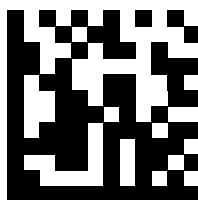
Set



Enable Straight 2 of 5

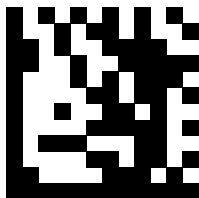


Disable Straight 2 of 5 (Default)



End

Pharmacode



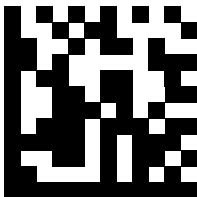
Set



Enable Pharmacode

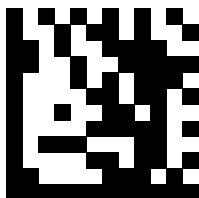


Disable Pharmacode (Default)



End

RSS 14



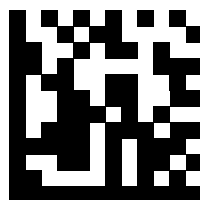
Set



Enable RSS 14 (Default)

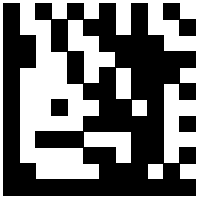


Disable RSS 14



End

RSS Expanded



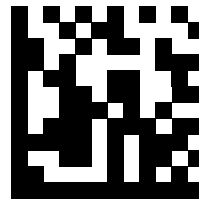
Set



Enable RSS Expanded (Default)

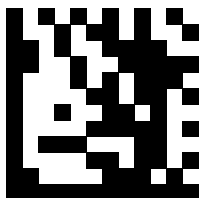


Disable RSS Expanded



End

RSS Limited



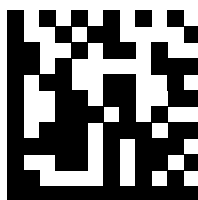
Set



Enable RSS Limited (Default)

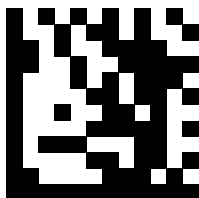


Disable RSS Limited



End

Component CC-A



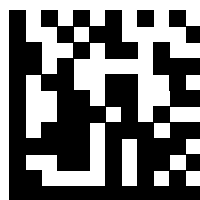
Set



Enable Component CC-A

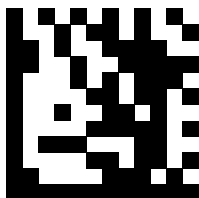


Disable Component CC-A (Default)



End

Component CC-B



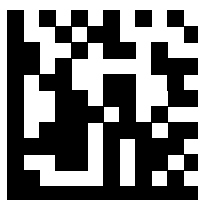
Set



Enable Component CC-B

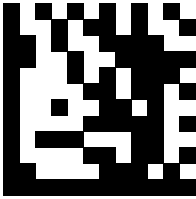


Disable Component CC-B (Default)



End

Component CC-C



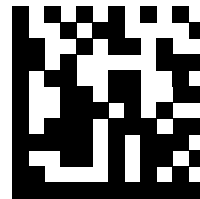
Set



Enable Component CC-C

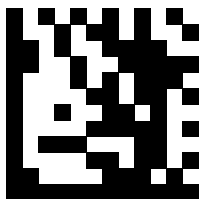


Disable Component CC-C (Default)



End

PDF417



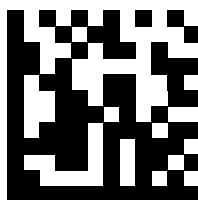
Set



Enable PDF417 (Default)

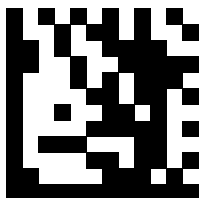


Disable PDF417



End

Micro PDF417



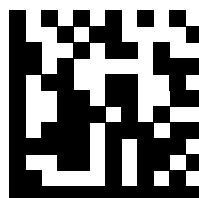
Set



Enable Micro PDF417 (Default)

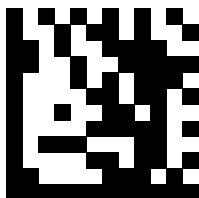


Disable Micro PDF417



End

Data Matrix



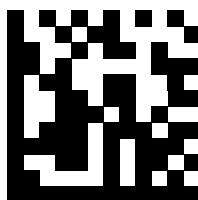
Set



Enable Data Matrix (Default)

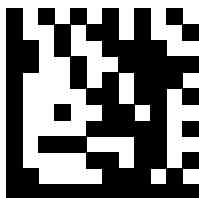


Disable Data Matrix



End

QR Code



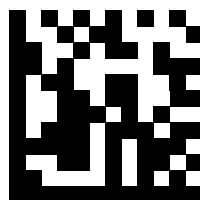
Set



Enable QG Code (Default)

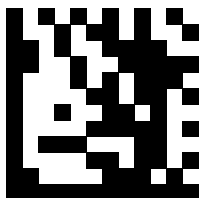


Disable QR Code



End

Micro QR Code



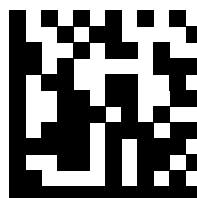
Set



Enable Micro QG Code (Default)

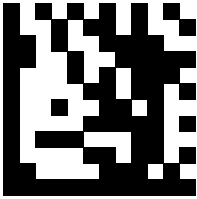


Disable Micro QR Code



End

Aztec



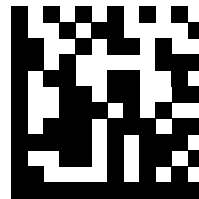
Set



Enable Aztec

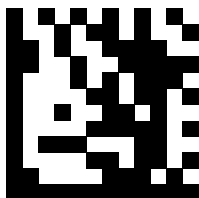


Disable Aztec (Default)



End

MaxiCode



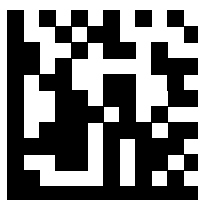
Set



Enable MaxiCode



Disable MaxiCode (Default)

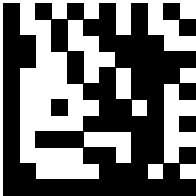


End

Symbology Features

This section provides the programming barcodes for selecting features available to different symbologies.

UPC / EAN



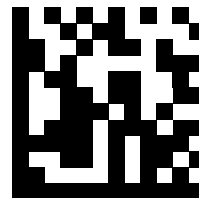
Set



Enable decoding of 2/5-digit supplemental code for UPC-A, UPC-E, EAN-13, and EAN-8

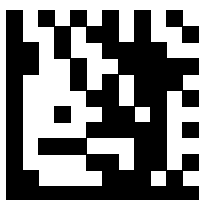


Disable decoding of 2/5-digit supplemental code for UPC-A, UPC-E, EAN-13, and EAN-8 (Default)

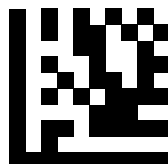


End

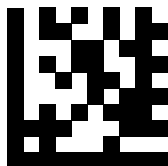
UPC-A



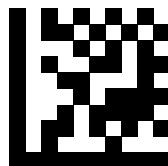
Set



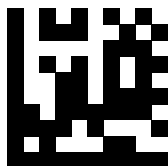
Enable UPC-A Number System digit
(Default)



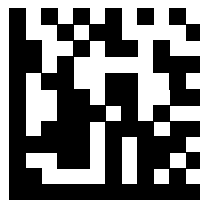
Disable UPC-A Number System digit



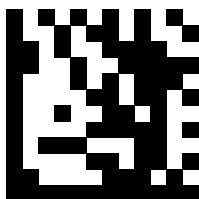
Enable UPC-A check digit (Default)



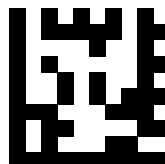
Disable UPC-A check digit



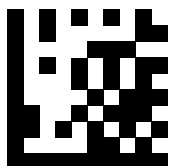
End



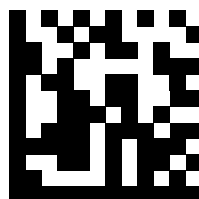
Set



Enable conversion of UPC-A to EAN13

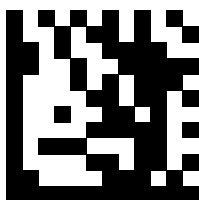


Disable conversion of UPC-A to EAN13
(Default)

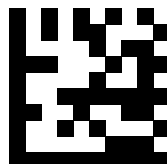


End

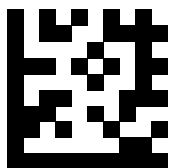
UPC-E



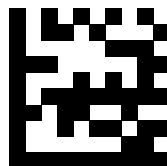
Set



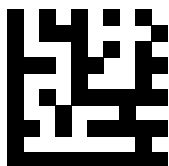
Enable UPC-E Number System digit
(Default)



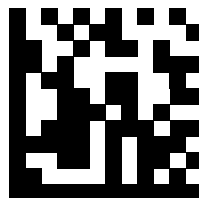
Disable UPC-E Number System digit



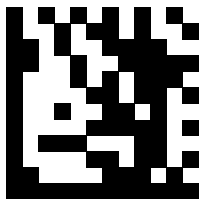
Enable UPC-E check digit (Default)



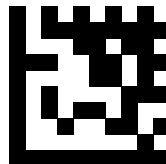
Disable UPC-E check digit



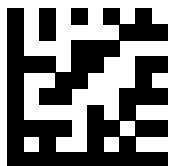
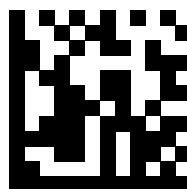
End



Set

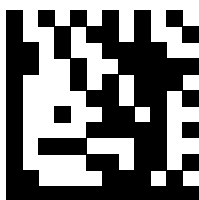


Enable conversion of UPC-E to UPC-A

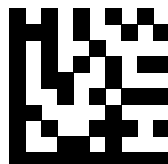
Disable conversion of UPC-E to UPC-A
(Default)

End

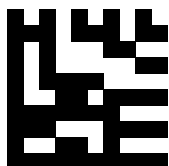
EAN 8



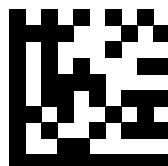
Set



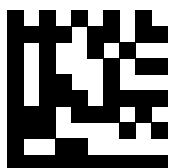
Enable EAN 8 check digit (Default)



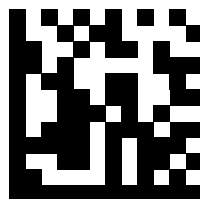
Disable EAN 8 check digit



Enable conversion of EAN 8 to EAN 13

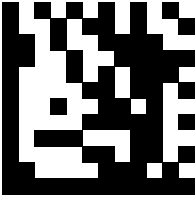


Disable conversion of EAN 8 to EAN 13
(Default)

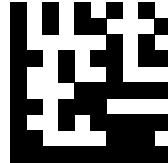


End

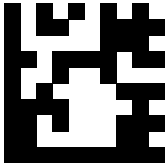
EAN 13



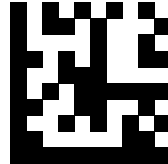
Set



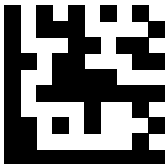
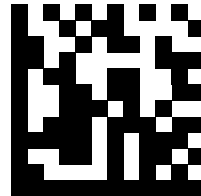
Enable EAN 13 check digit (Default)



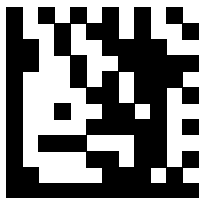
Disable EAN 13 check digit



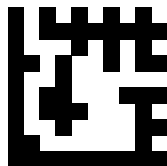
Enable conversion of EAN 13 to ISBN

Disable conversion of EAN 13 to ISBN
(Default)

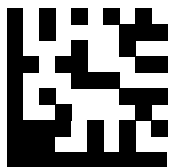
End



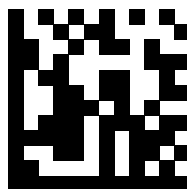
Set



Enable conversion of EAN 13 to ISSN

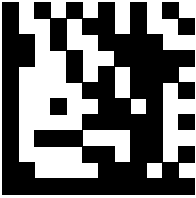


Disable conversion of EAN 13 to ISSN
(Default)

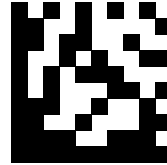


End

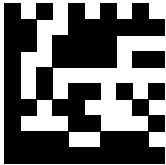
Code 39



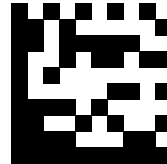
Set



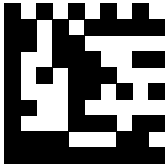
Enable Code 39 full ASCII mode



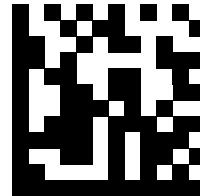
Disable Code 39 full ASCII mode (Default)



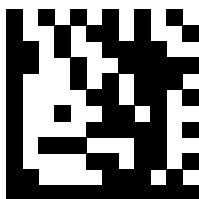
Enable Start and Stop characters



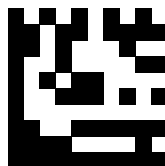
Disable Start and Stop characters (Default)



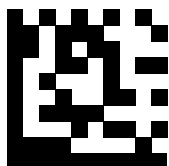
End



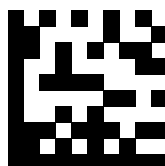
Set



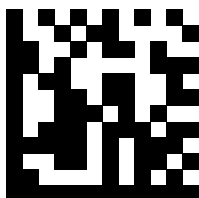
Disable Checksum (Default)



Enable checksum and send check character

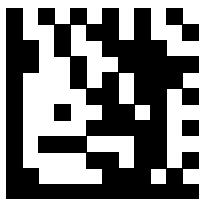


Enable checksum and strip check character

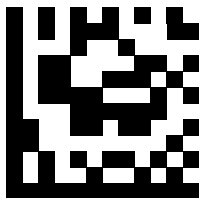


End

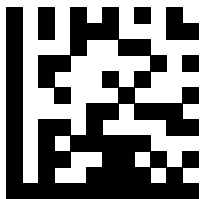
Codabar



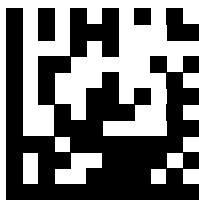
Set



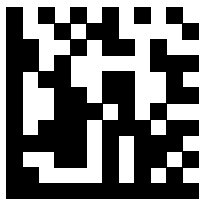
Disable Checksum (Default)



Enable checksum and send check character

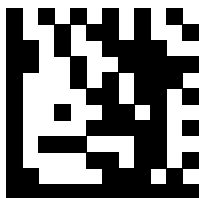


Enable checksum and strip check character

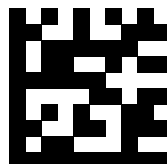


End

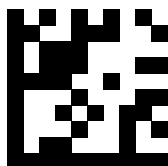
Interleaved 2 of 5



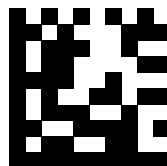
Set



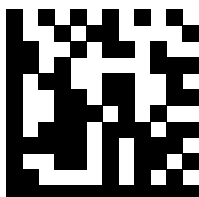
Disable Checksum (Default)



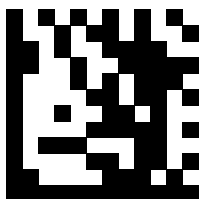
Enable checksum and send check
character



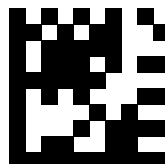
Enable checksum and strip check
character



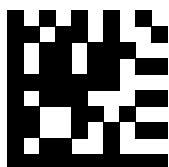
End



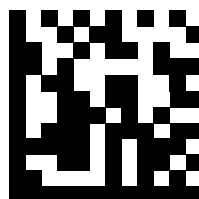
Set



Default quiet zone checking
No length checking performed (Default)



Smaller quiet zone allowed

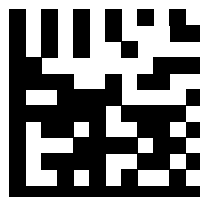


End

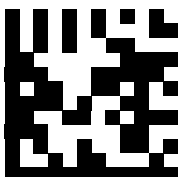
MSI / Plessey



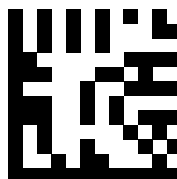
Set



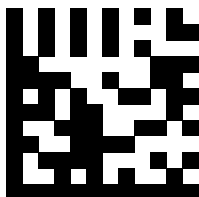
Disable MSI Plessey checksum



Mod 10 checksum (Default)



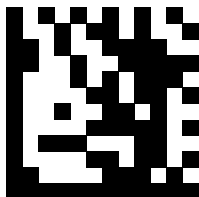
Mod 10/10 checksum



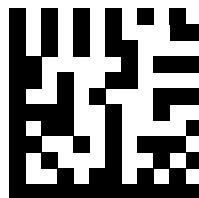
Mod 11/10 checksum



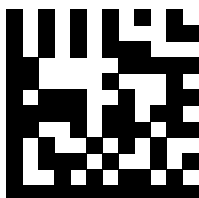
End



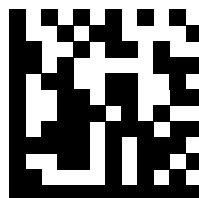
Set



Output checksum character(s) (Default)

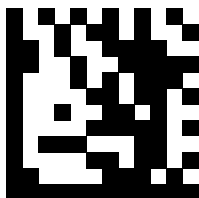


Strip checksum character(s)

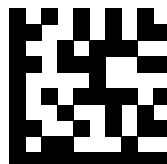


End

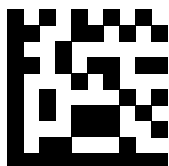
Code 11



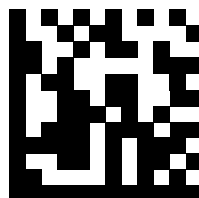
Set



Output checksum character(s)

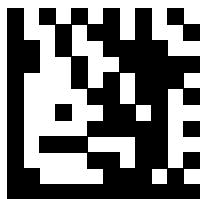


Strip checksum character(s) (Default)

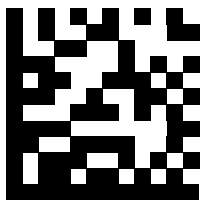


End

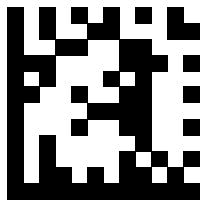
Data Matrix



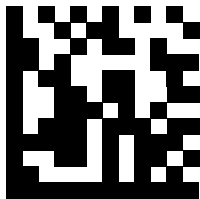
Set



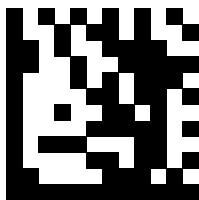
Enable mirror decoding (Default)



Disable mirror decoding



End



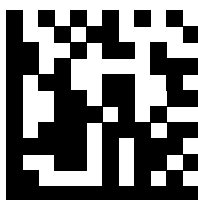
Set



Enable rectangular Data Matrix decoding

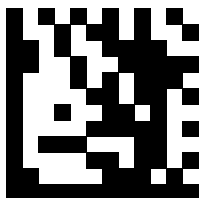


Disable rectangular Data Matrix decoding
(Default)

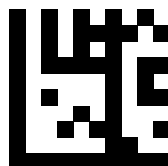


End

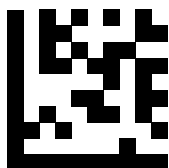
QR / Micro QR



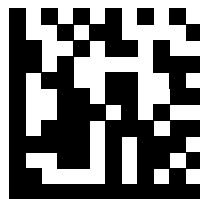
Set



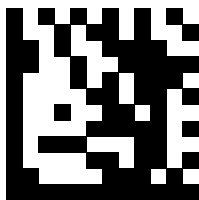
Enable mirror decoding (Default)



Disable mirror decoding



End



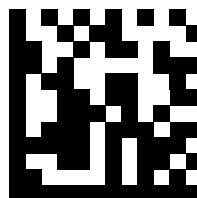
Set



UTF8 conversion for word only



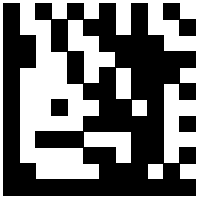
Universal UTF8 conversion (Default)



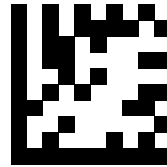
End

Note: Please install QR_UTF8_Conversion executable file before using this function.

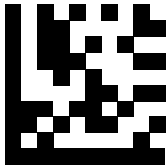
Aztec



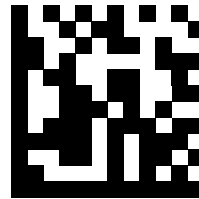
Set



Enable mirror decoding (Default)



Disable mirror decoding



End

Data Editing (Prefix)

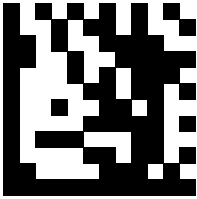
Prefix is additional characters that can be sent before the scanned data. Please scan the barcodes in the selection below to set your prefix.

Prefix Set Up Flow

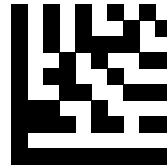
1. Scan Set.
2. Enable barcode type.
3. Scan prefix you would like to add characters within ASCII Table. Up to 4 digits can be added.
4. Scan End.

Ex. If we wish to add "3" as prefix for all barcode type, then follow procedure as below, Scan [Set] to enter setup. Then we select barcode by scanning [Enable All], then we scan [3] as 3 of ASCII HEX. At the end, we scan [End] to completed setup.

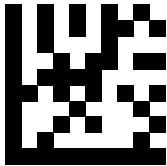
All Prefix



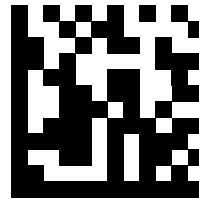
Set



Enable All

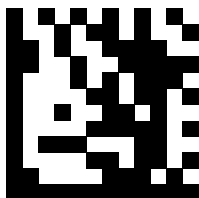


Disable All (Default)

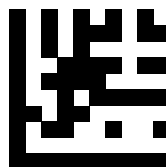


End

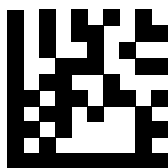
UPC / EAN Prefix



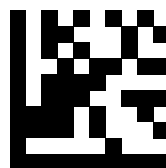
Set



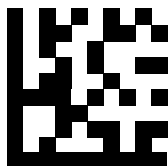
Enable UPC-A



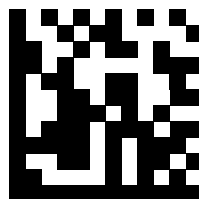
Disable UPC-A



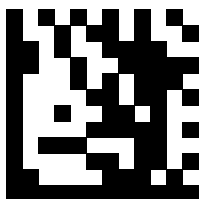
Enable UPC-E



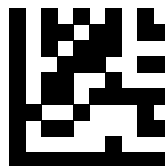
Disable UPC-E



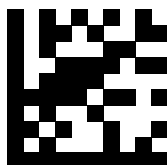
End



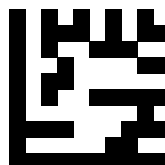
Set



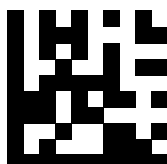
Enable EAN 8



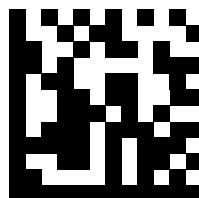
Disable EAN 8



Enable EAN 13

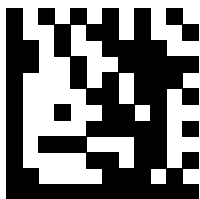


Disable EAN 13

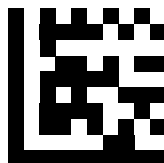


End

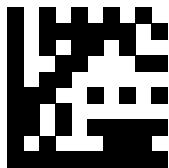
Code 128 Prefix



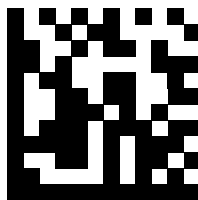
Set



Enable Code 128

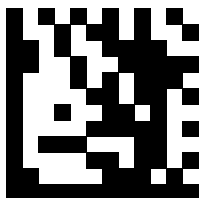


Disable Code 128

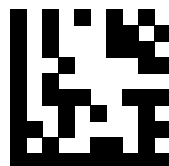


End

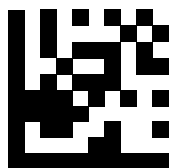
Code 39 Prefix



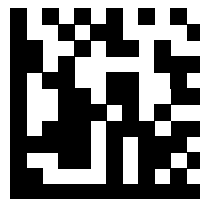
Set



Enable Code 39

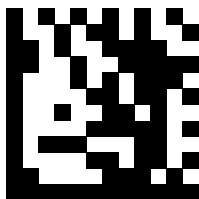


Disable Code 39

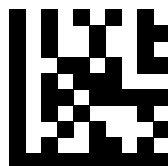


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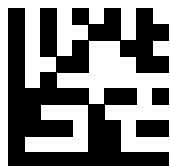
Code 93 Prefix



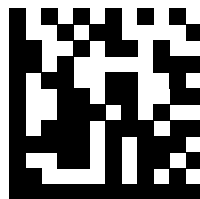
Set



Enable Code 93

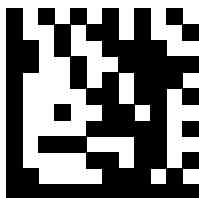


Disable Code 93

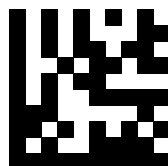


End

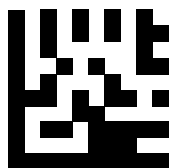
Code 32 Prefix



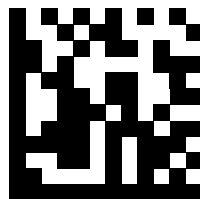
Set



Enable Code 32

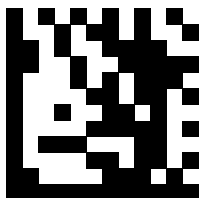


Disable Code 32

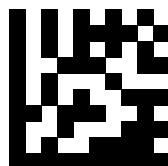


End

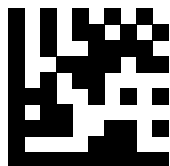
Code 11 Prefix



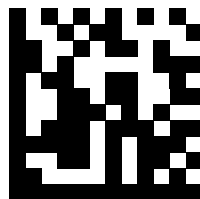
Set



Enable Code 11

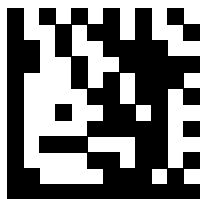


Disable Code 11

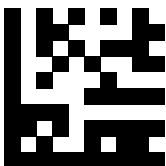


End

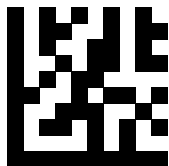
Codabar Prefix



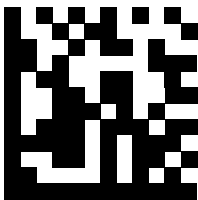
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Enable Codabar

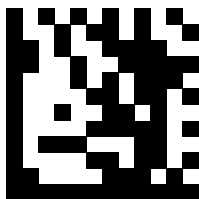


Disable Codabar

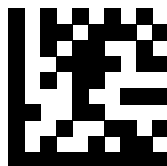


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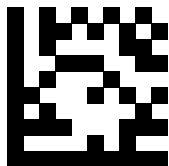
Plessey Prefix



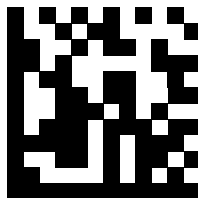
Set



Enable Plessey

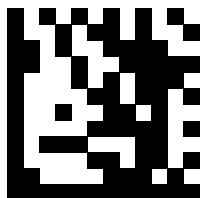


Disable Plessey

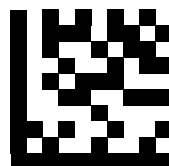


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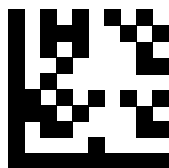
MSI Prefix



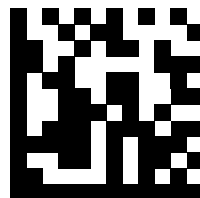
Set



Enable MSI

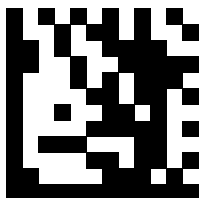


Disable MSI

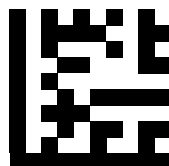


End

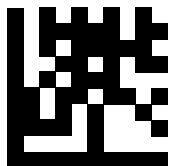
Interleaved 2 of 5Prefix



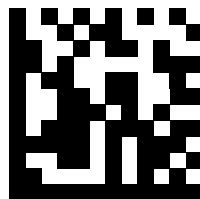
Set



Enable Interleaved 2 of 5

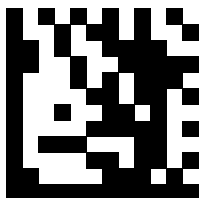


Disable Interleaved 2 of 5

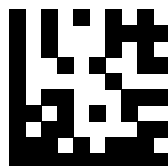


End

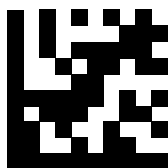
IATA 2 of 5 Prefix



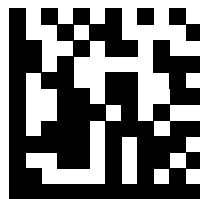
Set



Enable IATA 2 of 5

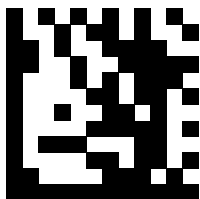


Disable IATA 2 of 5

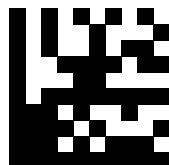


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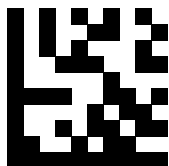
Matrix 2 of 5 Prefix



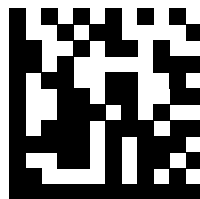
Set



Enable Matrix 2 of 5

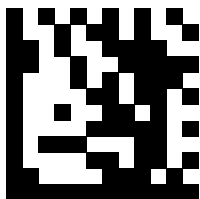


Disable Matrix 2 of 5

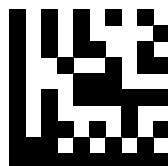


End

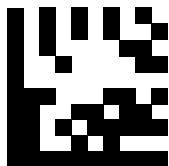
Straight 2 of 5 Prefix



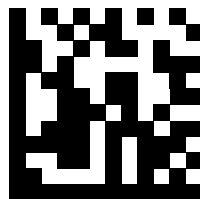
Set



Enable Straight 2 of 5

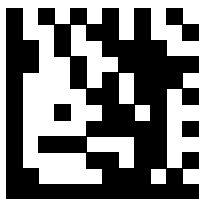


Disable Straight 2 of 5

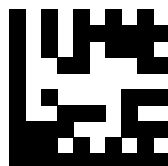


End

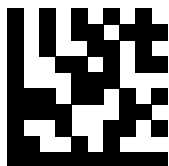
Pharmacode Prefix



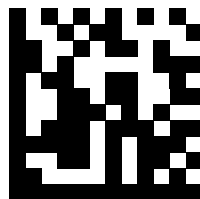
Set



Enable Pharmacode

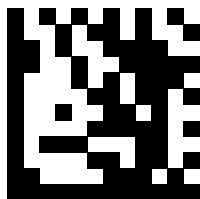


Disable Pharmacode

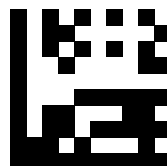


End

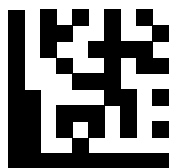
RSS 14 Prefix



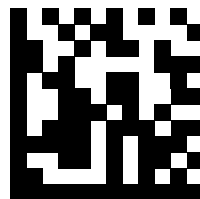
Set



Enable RSS 14

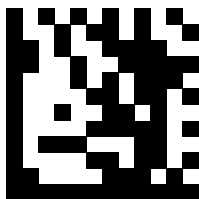


Disable RSS 14

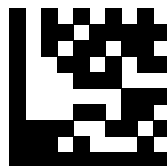


End

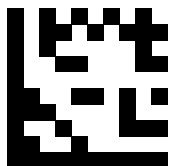
RSS Expanded Prefix



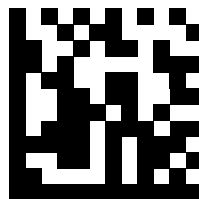
Set



Enable RSS Expanded

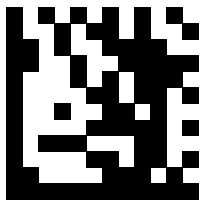


Disable RSS Expanded

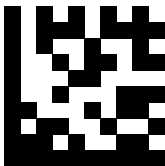


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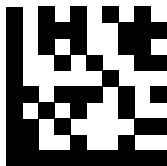
RSS Limited Prefix



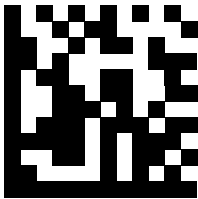
Set



Enable RSS Limited

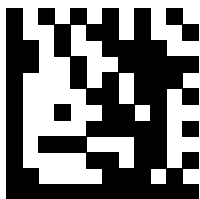


Disable RSS Limited

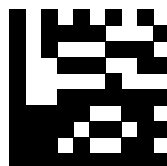


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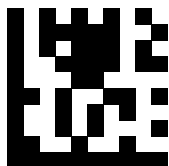
Component CC-A Prefix



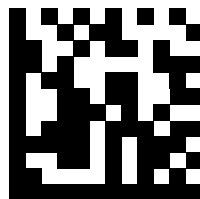
Set



Enable Component CC-A

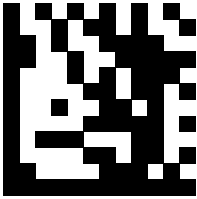


Disable Component CC-A

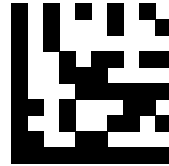


End

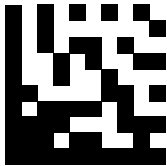
Component CC-B Prefix



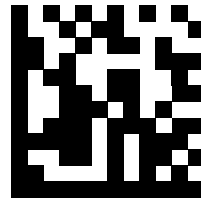
Set



Enable Component CC-B

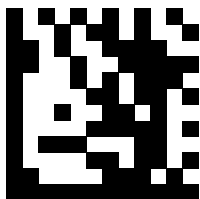


Disable Component CC-B

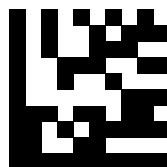


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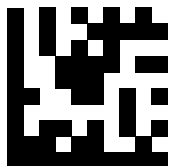
Component CC-C Prefix



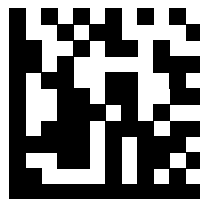
Set



Enable Component CC-C

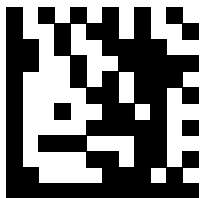


Disable Component CC-C

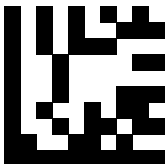


End

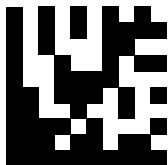
PDF 417 Prefix



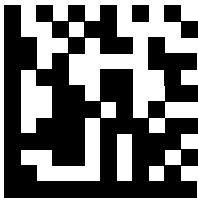
Set



Enable PDF 417

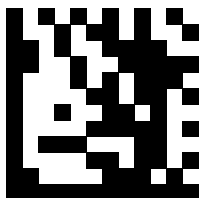


Disable PDF 417

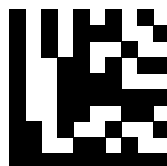


End

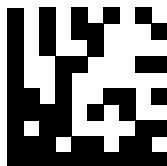
Micro PDF 417 Prefix



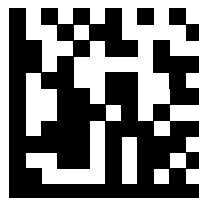
Set



Enable Micro PDF 417

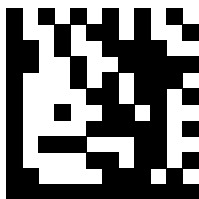


Disable Micro PDF 417

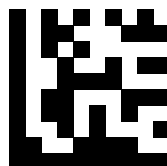


End

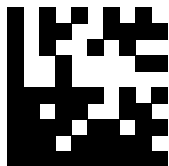
Data Matrix Prefix



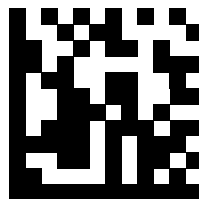
Set



Enable Data Matrix

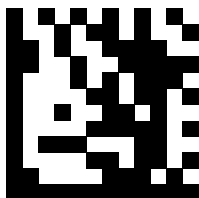


Disable Data Matrix

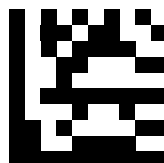


End

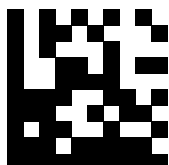
QR Prefix



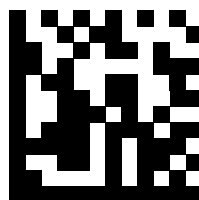
Set



Enable QR Code

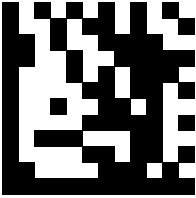


Disable QR Code

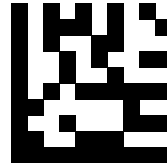


End

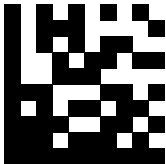
Micro QR Prefix



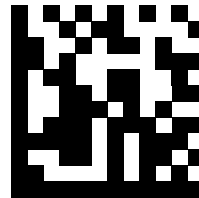
Set



Enable Micro QR

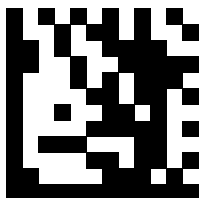


Disable Micro QR

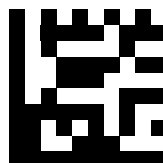


End

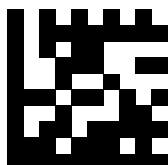
Aztec Prefix



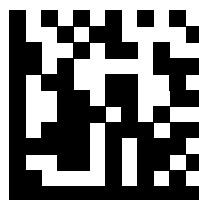
Set



Enable Aztec

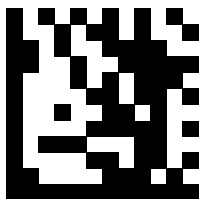


Disable Aztec

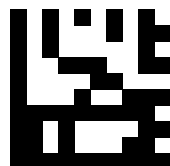


End

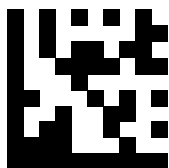
MaxiCode Prefix



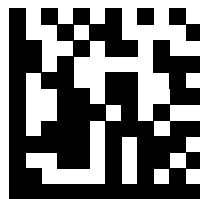
Set



Enable MaxiCode



Disable MaxiCode



End

Data Editing (Suffix)

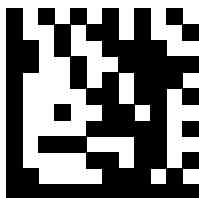
Suffix is additional characters that can be sent after the scanned data. Please scan the barcodes in the selection below to set your suffix.

Suffix Set Up Flow

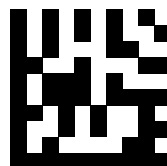
1. Scan Set.
2. Enable barcode type.
3. Scan suffix you would like to add characters within ASCII Table. Up to 4 digits can be added.
4. Scan End.

Ex. If we wish to add "36" as suffix for all barcode type, then follow procedure as below. Scan [Set] to enter setup. Then we select barcode by scanning [Enable All], then we scan [3] as 3 of ASCII HEX and [6] as 6.

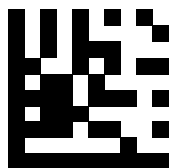
All Suffix



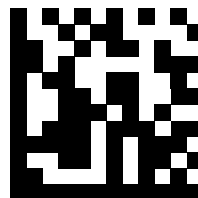
Set



Enable All

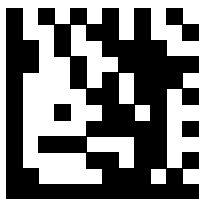


Disable All (Default)

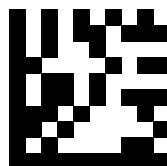


End

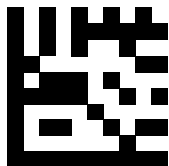
UPC-A Suffix



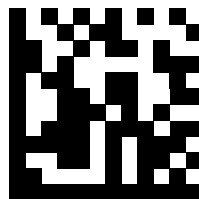
Set



Enable UPC-A

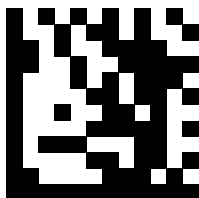


Disable UPC-A

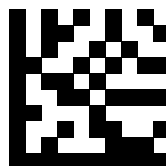


End

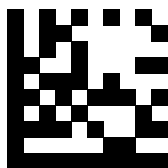
UPC-E Suffix



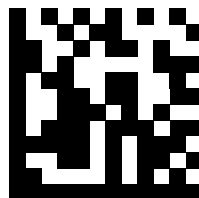
Set



Enable UPC-E

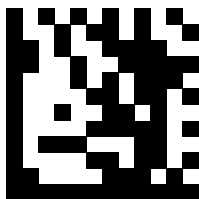


Disable UPC-E

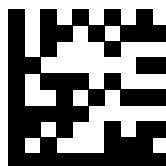


End

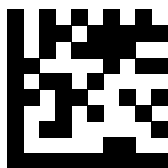
EAN 8 Suffix



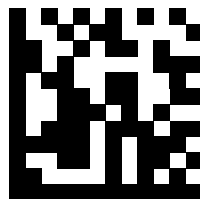
Set



Enable EAN 8

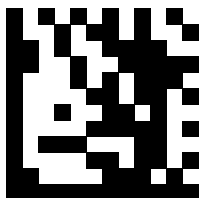


Disable EAN 8

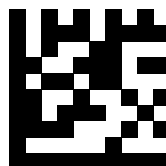


End

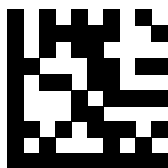
EAN 13 Suffix



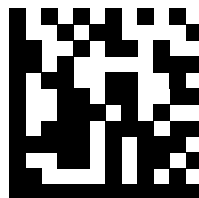
Set



Enable EAN 13

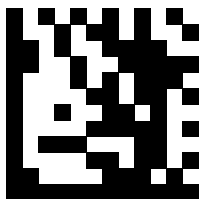


Disable EAN 13

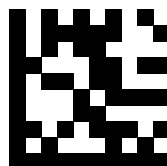


End

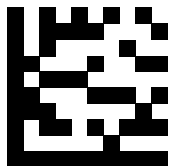
Code 128 Suffix



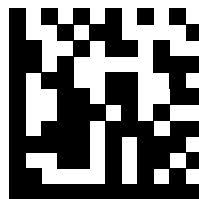
Set



Enable Code 128

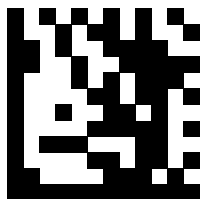


Disable Code 128

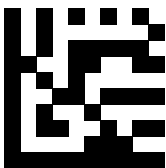


End

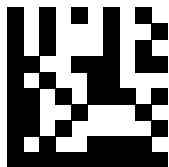
Code 39 Suffix



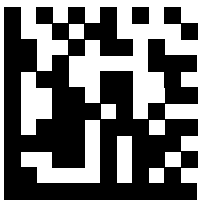
Set



Enable Code 39

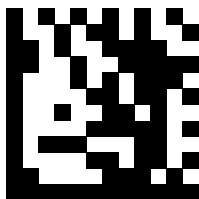


Disable Code 39

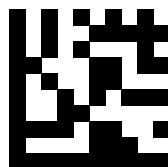


End

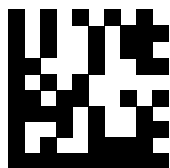
Code 93 Suffix



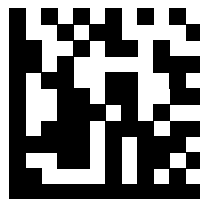
Set



Enable Code 93

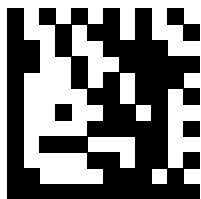


Disable Code 93

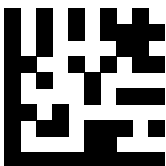


End

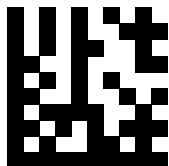
Code 32 Suffix



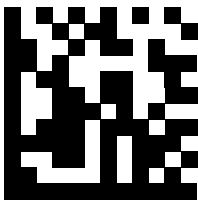
Set



Enable Code 32

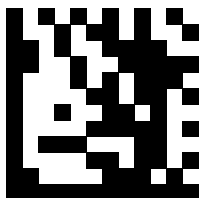


Disable Code 32

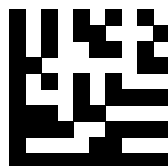


End

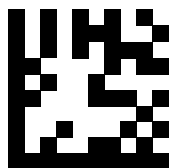
Code 11 Suffix



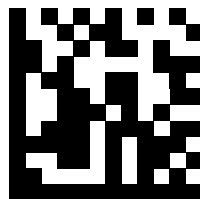
Set



Enable Code 11

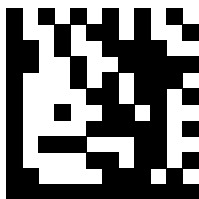


Disable Code 11

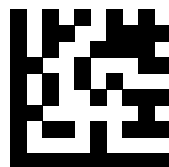


End

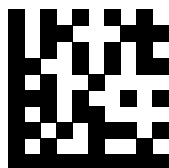
Codabar Suffix



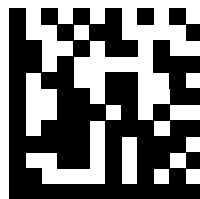
Set



Enable Codabar

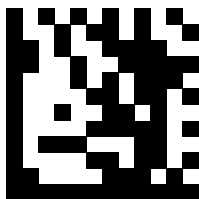


Disable Codabar

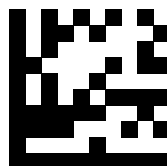


End

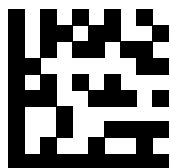
Plessey Suffix



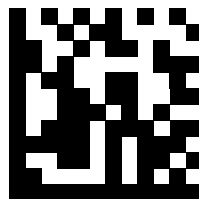
Set



Enable Plessey

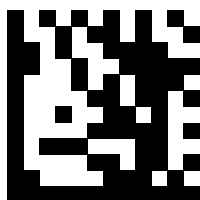


Disable Plessey

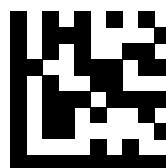


End

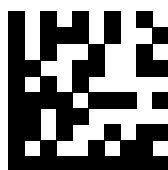
MSI Suffix



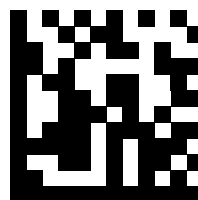
Set



Enable MSI

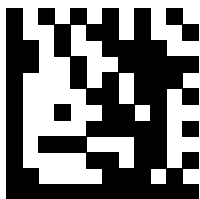


Disable MSI

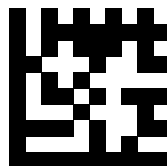


End

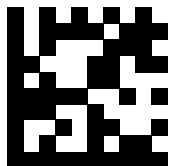
Interleaved 2 of 5 Suffix



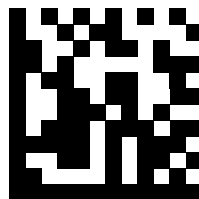
Set



Enable Interleaved 2 of 5

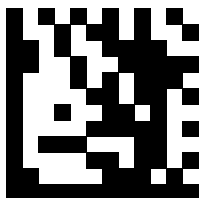


Disable Interleaved 2 of 5

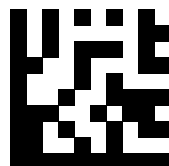


End

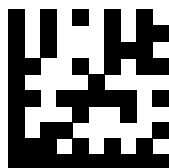
IATA 2 of 5 Suffix



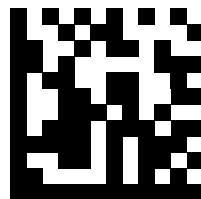
Set



Enable IATA 2 of 5

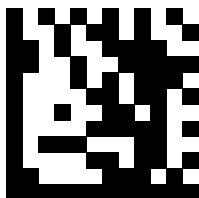


Disable IATA 2 of 5

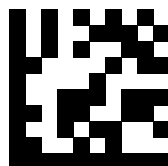


End

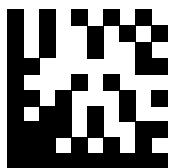
Matrix 2 of 5 Suffix



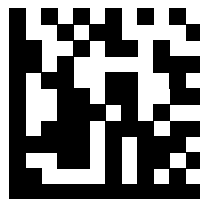
Set



Enable Matrix 2 of 5

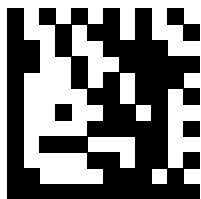


Disable Matrix 2 of 5

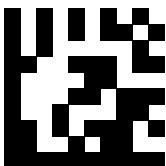


End

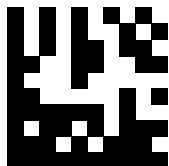
Straight 2 of 5 Suffix



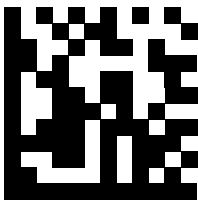
Set



Enable Straight 2 of 5

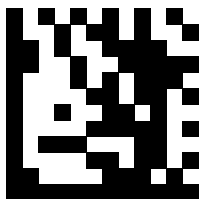


Disable Straight 2 of 5

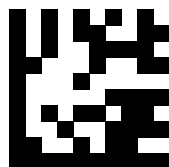


End

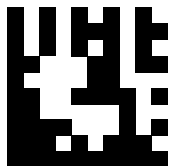
Pharmacode Suffix



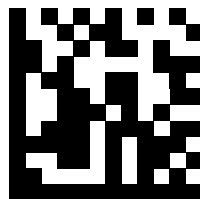
Set



Enable Pharmacode

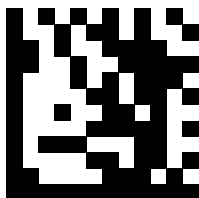


Disable Pharmacode

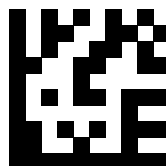


End

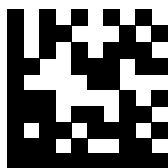
RSS 14 Suffix



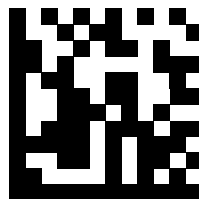
Set



Enable RSS 14

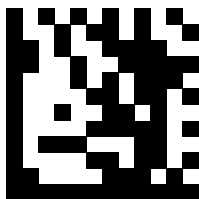


Disable RSS 14

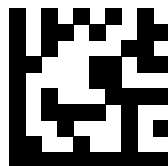


End

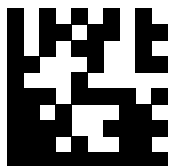
RSS Expanded Suffix



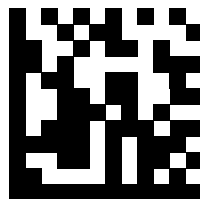
Set



Enable RSS Expanded

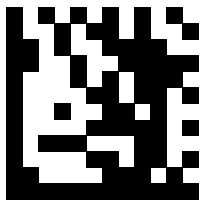


Disable RSS Expanded

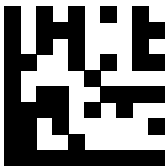


End

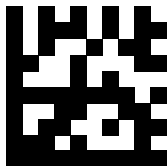
RSS Limited Suffix



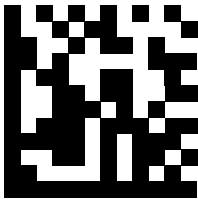
Set



Enable RSS Limited

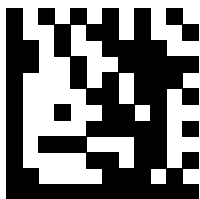


Disable RSS Limited

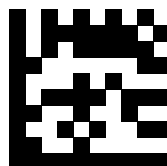


End

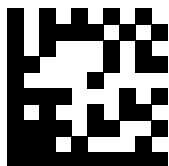
Component CC-A Suffix



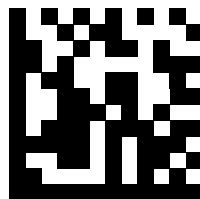
Set



Enable Component CC-A

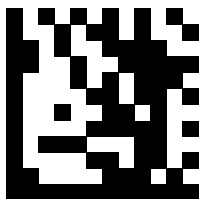


Disable Component CC-A

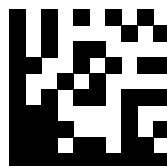


End

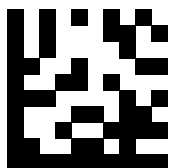
Component CC-B Suffix



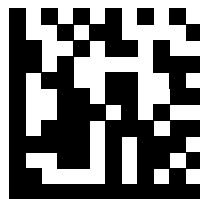
Set



Enable Component CC-B

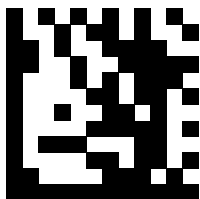


Disable Component CC-B

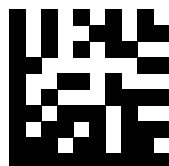


End

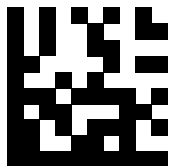
Component CC-C Suffix



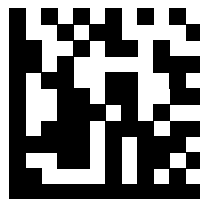
Set



Enable Component CC-C

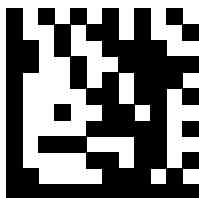


Disable Component CC-C

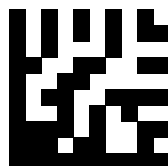


End

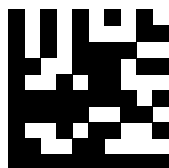
PDF-417 Suffix



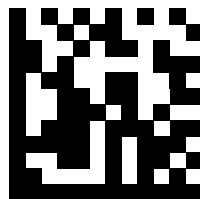
Set



Enable PDF417

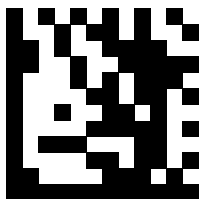


Disable PDF417

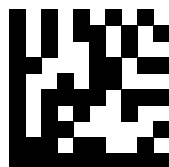


End

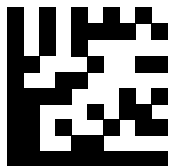
Micro PDF-417 Suffix



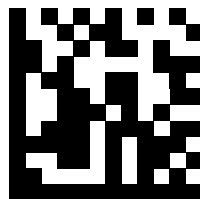
Set



Enable Micro PDF417

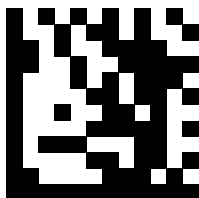


Disable Micro PDF417

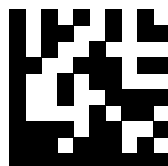


End

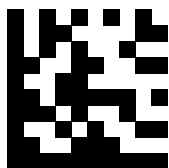
Data Matrix Suffix



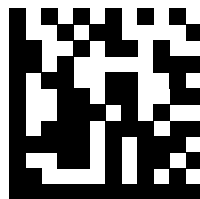
Set



Data Matrix Enable

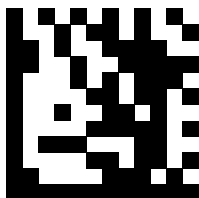


Data Matrix Disable

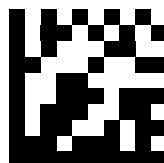


End

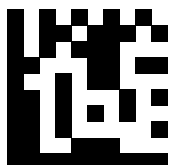
QR Code Suffix



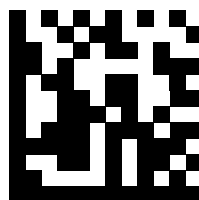
Set



QR Code Enable

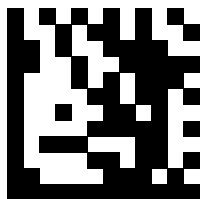


QR Code Disable

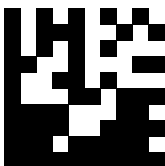


End

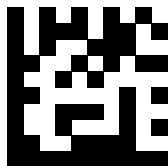
Micro QR Suffix



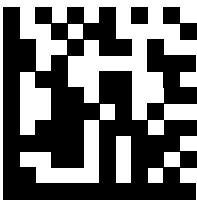
Set



Micro QR Enable

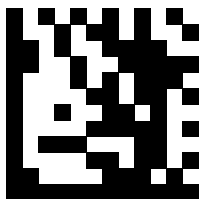


Micro QR Disable

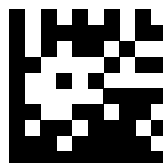


End

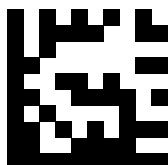
Aztec Suffix



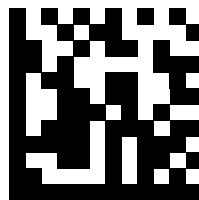
Set



Aztec Enable

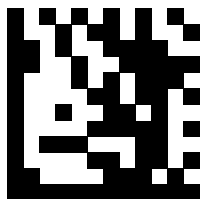


Aztec Disable

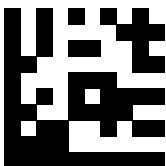


End

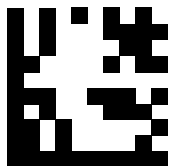
MaxiCode Suffix



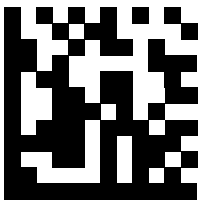
Set



MaxiCode Enable



MaxiCode Disable



End

Code Settings

Set Lengths for Codes

- 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 Table.

Example 1:

To decode Interleaved 2 of 5 symbols with 8 characters:

- scan Set to set up
- scan Interleaved 2 of 5 One Discrete Length
- scan 8 in ASCII Code Table
- scan End to confirm the setup

Example 2:

To decode Interleaved 2 of 5 symbols with 12 characters:

- scan Set to set up
- scan Interleaved 2 of 5 One Discrete Length
- scan scan 1 followed by 2 in ASCII Code Table
- scan End to confirm the setup

- 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 Table.

Example:

To decode Code 128 symbols containing either 8 or 14 characters

- scan Set to set up
- scan Code 128 Two Discrete Length
- scan 0, 8, 1, and then 4 in ASCII Code Table
- scan End to confirm the setup

- Length Within Range

Select this option to decode the symbol with a specific length range.
Select lengths using numeric bar codes in ASCII Code Table.

Example:

To decode Codabar symbols containing between 7 and 8 characters,

- a. scan Set to set up
- b. scan Codabar Length Within Range
- c. scan 0, 7, 0, and then 8 in ASCII Code Table
- d. scan End to confirm the setup

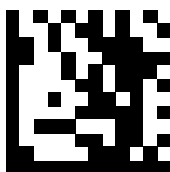
- Any Length

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

Example:

- a. scan Set to set up
- b. scan Matrix 2 of 5 Any Length
- c. scan End to confirm the setup

Set Lengths for Code 128



Set



One Discrete Length



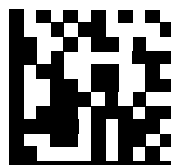
Two Discrete Lengths



Length Within Range

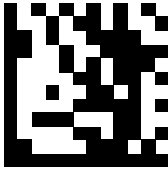


Any Length (Default)



End

Set Lengths for Code 39



Set



One Discrete Length



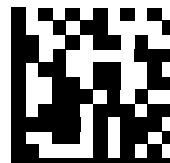
Two Discrete Lengths



Length Within Range

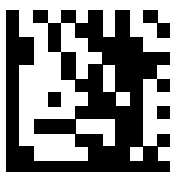


Any Length (Default)



End

Set Lengths for Code 93



Set



One Discrete Length



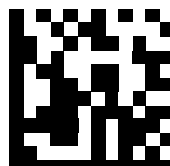
Two Discrete Lengths



Length Within Range

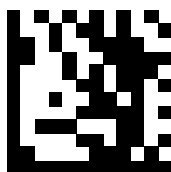


Any Length (Default)



End

Set Lengths for Codabar



Set



One Discrete Length



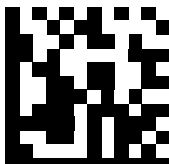
Two Discrete Lengths



Length Within Range

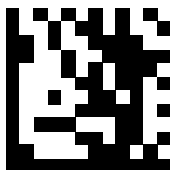


Any Length (Default)



End

Set Lengths for Interleaved 2 of 5



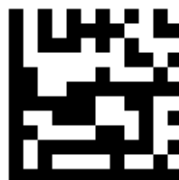
Set



One Discrete Length



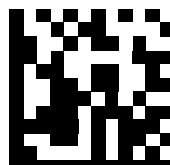
Two Discrete Lengths



Length Within Range

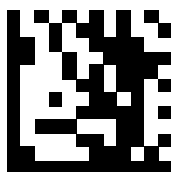


Any Length (Default)



End

Set Lengths for Code 11



Set



One Discrete Length



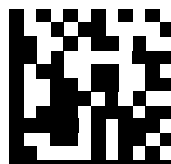
Two Discrete Lengths



Length Within Range

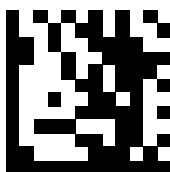


Any Length (Default)



End

Set Lengths for MSI



Set



One Discrete Length



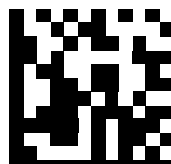
Two Discrete Lengths



Length Within Range

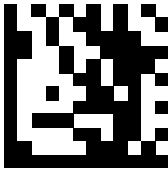


Any Length (Default)



End

Set Lengths for Matrix 2 of 5



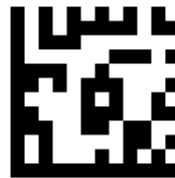
Set



One Discrete Length



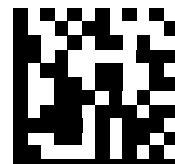
Two Discrete Lengths



Length Within Range



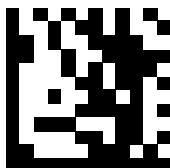
Any Length (Default)



End

Code Identifiers

Scan the following barcodes to set symbology Identifiers.



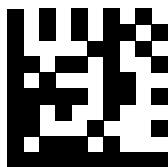
Set



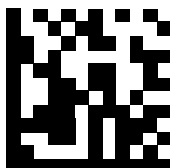
Disable Code ID (Default)



Enable factory standard ID



Enable AIM ID



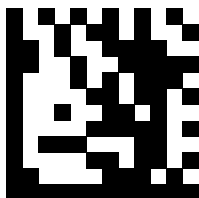
End

Code Identifiers Table

Symbology	Factory Standard	AIM
UPC-A	A	E
UPC-E	E	E
EAN 8	FF	E
EAN 13	F	E
Code 128	K	C
Code 39	M	A
Code 93	L	G
Code 32	M	X
Code 11	O	H
Codabar	N	F
Plessey	P	P
MSI / Plessey	a	M
Interleaved 2 of 5	l	l
IATA 2 of 5	Z	R
Matrix 2 of 5	G	X
Straight 2 of 5	S	S
Pharmacode	H	X
RSS 14	RS	e
RSS Expanded	RX	e
RSS Limited	RL	e
Component CC-A	m	e
Component CC-B	n	e
Component CC-C	i	e
PDF417	r	L
Micro PDF417	s	L
Data Matrix	t	d
QR	u	Q
Micro QR	j	Q
Aztec	e	Z
MaxiCode	v	U

Keyboard Caps Lock State

Scan a barcode below to turn Caps on or off.



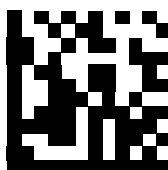
Set



Caps Lock Off (Default)



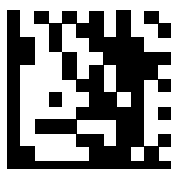
Caps Lock On



End

Function Key Mapping

Scan the following barcodes to enable or disable Function Key Mapping.



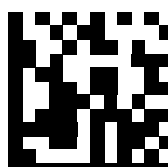
Set



Disable Function Key Mapping (Default)



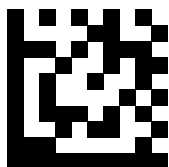
Enable Function Key Mapping



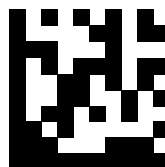
End

ASCII Code

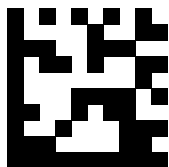
For parameters requiring specific numeric values, scan the appropriately numbered barcode(s).



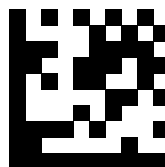
Space



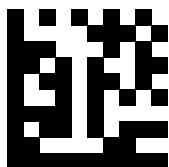
!



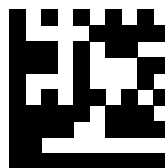
"



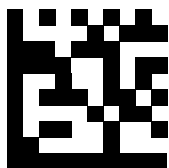
#



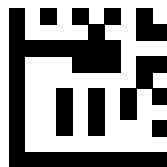
\$



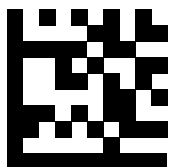
%



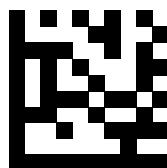
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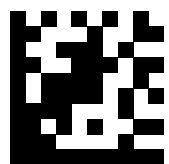
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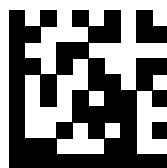
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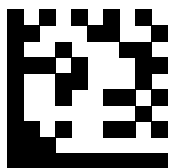
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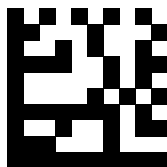
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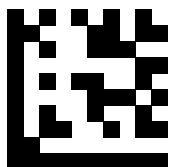
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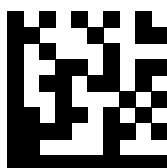
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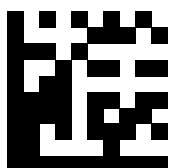
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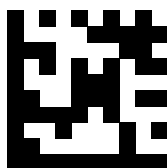
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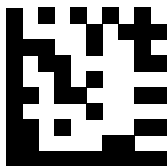
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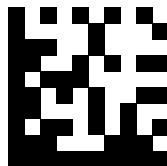
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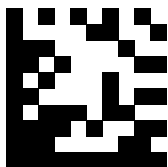
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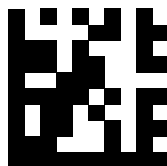
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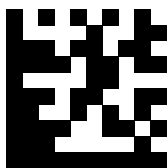
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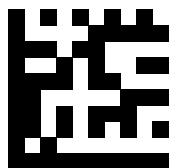
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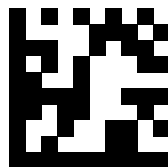
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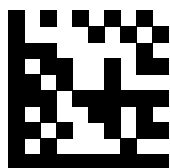
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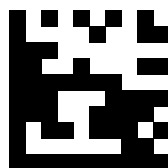
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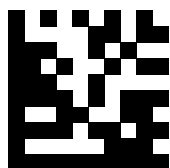
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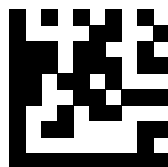
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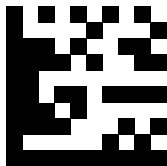
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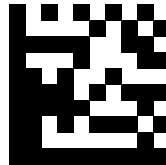
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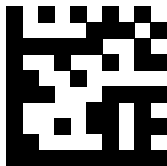
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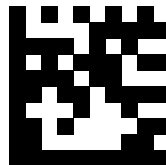
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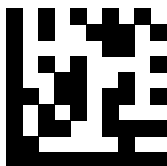
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8

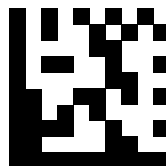


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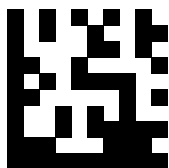
A

(Function Key
Mapping: Ctrl+a)

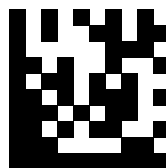


B

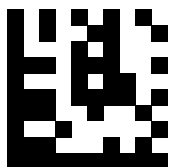
(Function Key
Mapping: Ctrl+b)



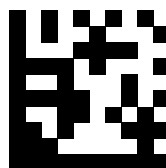
C
(Function Key
Mapping: Ctrl+c)



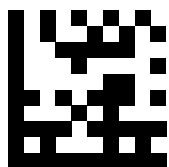
D
(Function Key
Mapping: Ctrl+d)



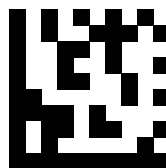
E
(Function Key
Mapping: Ctrl+e)



F
(Function Key
Mapping: Ctrl+f)

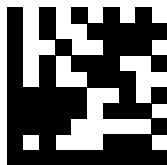


G
(Function Key
Mapping: Ctrl+g)



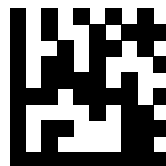
H

(Function Key
Mapping: Ctrl+h)



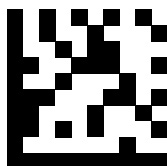
I

(Function Key
Mapping: Ctrl+i)



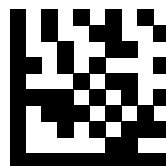
J

(Function Key
Mapping: Ctrl+j)



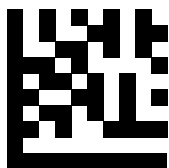
K

(Function Key
Mapping: Ctrl+k)

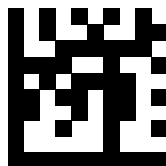


L

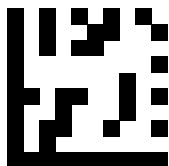
(Function Key
Mapping: Ctrl+l)



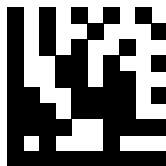
M
(Function Key
Mapping: Ctrl+m)



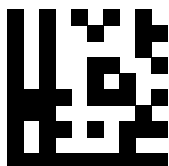
N
(Function Key
Mapping: Ctrl+n)



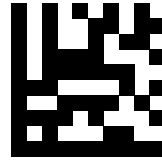
O
(Function Key
Mapping: Ctrl+o)



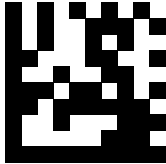
P
(Function Key
Mapping: Ctrl+p)



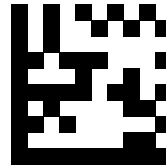
Q
(Function Key
Mapping: Ctrl+q)



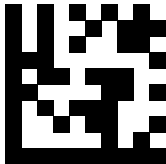
R
(Function Key
Mapping: Ctrl+r)



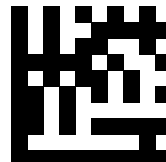
S
(Function Key
Mapping: Ctrl+s)



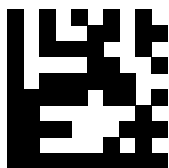
T
(Function Key
Mapping: Ctrl+t)



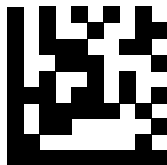
U
(Function Key
Mapping: Ctrl+u)



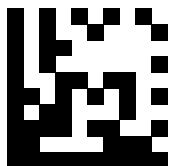
V
(Function Key
Mapping: Ctrl+v)



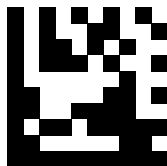
W
(Function Key
Mapping: Ctrl+w)



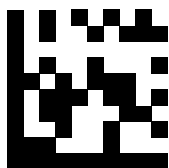
X
(Function Key
Mapping: Ctrl+x)



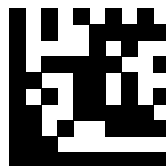
Y
(Function Key
Mapping: Ctrl+y)



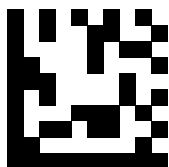
Z
(Function Key
Mapping: Ctrl+z)



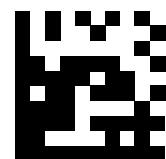
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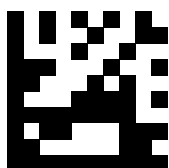
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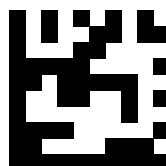
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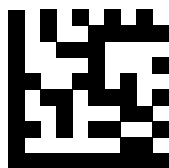
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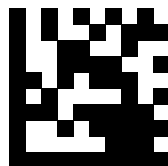
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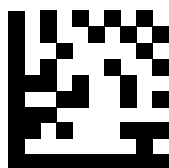
f



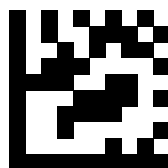
g



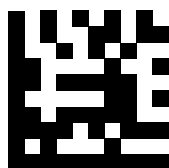
h



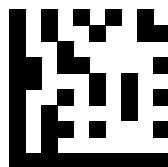
i



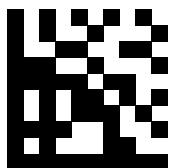
j



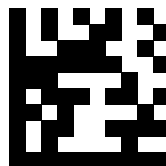
k



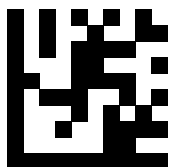
l



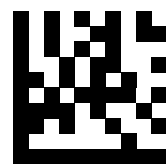
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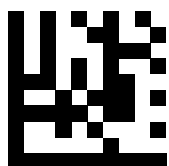
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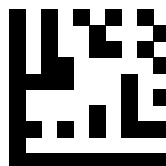
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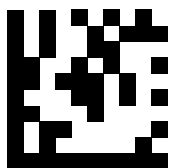
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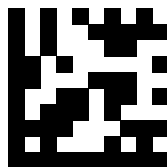
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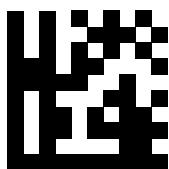
r



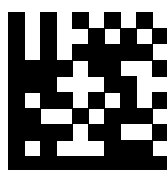
s



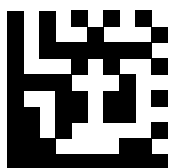
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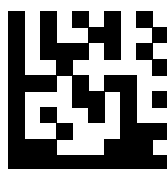
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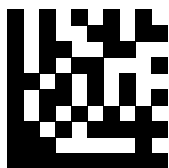
v



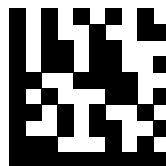
w



x



y



z



Insert



Delete



Home



End



Up arrow



Down arrow



Left arrow



Right arrow



Tab



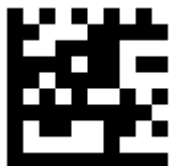
Backspace



Shift



ESC



Page up



Page down



F1



F2



F3



F4



F5



F6



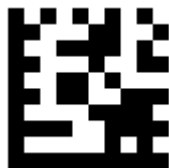
F7



F8



F9



F10



F11



F12