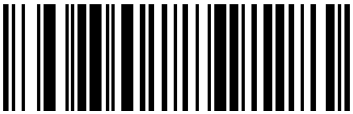
catalogue

. .

1、Product Introduction

1.1 Factory default

（1）End：Enter(\r)。



Factory default

1.2 Get device information

Obtain the version number

2 Wireless settings

2.1 Pairing setup code

①Pair the receiver: Scan the following two barcodes in sequence.And connect the receiver to computer；

2.4G MODE　　Connecting devices

②Pair Bluetooth devices in HID mode: Scan the following two barcodes in sequence, turn on the Bluetooth device to search for RB_Scanner_HID connection.

HID MODE　　Connect

2.2 BLE BLUETOOTH MODE

Pairing Bluetooth devices: Scan the following two barcodes in sequence, and perform Bluetooth search RB_Scanner_BLE on the software that supports BLE Connect.Note: BLE mode needs to be output on specific software (Bluetooth serial port)

BLE MODE　　Connect

2.3Mode Selection

Instant upload mode　　Inventory Mode

Over-the-distance storage mode

⑩Operations in Inventory Mode

Upload all data　　Upload new data (that is, data that has not been uploaded before)

Display saved data　　Showing unuploaded data

Clear all data

2.4Set the upload data speed delay

No delay　　Delay 10ms

Delay 20ms

2.5Check software version

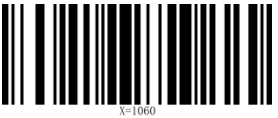
Check the scanner software version　　Check the receiving end version number

2.6Set sleep time

X=1yyy(x=1000 means no sleep, sleep time calculation formula: yyy*10=z seconds)

No sleep 60 seconds

120 seconds 5 minutes



10 minutes

2.7 USB KBW

When the scanner is connected to the host using a USB receiver, the scanner can be configured as a standard keyboard input by scanning the USB KBW setup code.

USB KBW keyboard

2.8 USB COM

When the scanner is connected to the host using a USB receiver, the receiver virtual serial port output mode can be changed by scanning the USB COM setup code.

USB COM

2.9Output format

UTF-8 GBK

When the scanner recognizes it as a keyboard input device, different countries have different input characters, so you need to set different national languages. The keyboard defaults to the US language.

2.10 multi-language keyboards


U.S. (default)

Belgium (French)


Brazil (Portuguese)

Canada


Czech Republic

Denmark


Finland

France


Germany

Italy


Portugal

Spain


Türkiye-F

Türkiye-Q

U.K.


Japan

Russia


Vietnamese

2.11Output forced letter case conversion

Letter conversion, when outputting barcodes with letter content, you can configure the output result to be all uppercase or all lowercase. For example, if the barcode content is: ab123dE, if you scan the "Convert to uppercase" barcode, the output result is: AB123DE; if you scan the "Convert to lowercase" barcode, the output result is: abc123de; the default case is not converted.

Case conversion

Do not convert Uppercase

Lowercase Case conversion

Chapter3Input/OutputSettings

Introduction

This chapter mainly introduces the configuration of the beep and LED ofthe barcode scanner when itis powered on, decoded,and triggeredbythebutton.

StartupBeeper

The scanner can be programmed to beep when it's started up. Default =StartupBeeperOn.

(8410130.)

StartupBeeperOff

(8410131.)

***StartupBeeperOn**

TriggerClick Beeper

To hear an audible click every time the scanner button is pressed, scanthe **TriggerClickBeeper On** barcode below. Default = Trigger ClickBeeperOff.

(8410140.)

***TriggerClickBeeperOff**

(8410141.)

TriggerClickBeeperOn

GoodReadandErrorReadIndicators

Good ReadBeeper

The beeper may be programmed On or Off in response to a good read.Default=GoodReadBeeperOn.

(8410010.)
GoodReadBeeperOff

(8410011.)
***GoodReadBeeperOn**

GoodReadBeeperVolume

Thebeepervolumecodesmodifythevolumeofthebeepthescanneremitsonagoodread.Default = High.

(8410091.)
Low

(8410092.)
Medium

(8410093.)
***High**

(8410090.)
Off

GoodRead BeeperFrequency

The beeper frequency codes modify the frequency of the beep thescanneremitsonagoodread.Default =Medium.

(8410061600.)
Low(1600Hz)

(8410062400.)
***Medium(2400 Hz)**

(8410064200.)
High(4200Hz)

GoodRead BeeperDuration

The beeper duration codes modify the length of the beep the scanneremitsonagoodread.Default = Normal.

(8410020.)
***Normal**

(8410021.)
Short

Error ReadBeeperFrequency

The beeper frequency codes modify the frequency of the sound the scanneremitswhenthere isabadread orerror.Default=Razz.

(841007250.)
***Razz (250Hz)**

(8410073250.
Medium(3250Hz)

(8410074200.)
High(4200Hz)

Good ReadLED

The LED indicator can be programmed **On** or **Off** in response to a goodread.Default =On.

(8410081.)
***GoodReadLEDOn**

(8410080.)
GoodReadLEDOff

Manual mode

The manual reading mode is the default reading mode. In this mode, the recognition engine starts reading the code after the user presses the trigger key, and stops reading the code after successfully outputting information or the user releases the trigger key.

(8610020.)

Induction mode

After setting up, there is no need to trigger, and the recognition engine immediately starts monitoring the brightness of the surrounding environment. When the scene changes, the recognition engine waits for the set stabilization time to end before starting to read the code. If the following situation does not occur, the reading engine will cycle in the above way: if the barcode is not scanned within a single reading time, the reading engine will automatically pause reading and enter the monitoring state. In the induction reading mode, the reading engine can also start reading the code after the user presses the trigger button. When the code reading is successful and outputs information or the user releases the trigger button, it will switch to induction mode for 5 seconds and continue to monitor the brightness of the surrounding environment.

(8610023.)

sensitivity

Self sensing sensitivity, the higher the sensitivity, the easier it is to wake up, but it is easy to accidentally wake up the device to decoding mode, default to high.

High(8610054.)*

Mid(8610055.)

Low(8610056.)

Continuous mode

After setting up, there is no need to trigger. The reading engine immediately starts reading the code. During the reading process, the user can also manually pause the reading by clicking the trigger button. When the reading is successful and outputs information or the user releases the trigger button, it will switch to continuous mode for 5 seconds

(8610028.)

Same barcode reading delay

Sensing mode and continuous mode scanning can be used to set the time interval between barcode scanning equipment reading the next barcode after reading one barcode.。

(8510060.)

No time interval

(851006500.)

(500ms)

(851006750.)

(750ms)

(8510061000.)
(1,000ms)

(8510061500.)
(1,500ms

Chapter4DataEditing

Introduction

Thischapterdescribeshowtoaddprefixesandsuffixes.

- Defaultprefix=None.Defaultsuffix=None.
- Aprefixorsuffixmaybeaddedorclearedfromonesymbologyorallsymbol ogies.
- YoucanaddanyprefixorsuffixfromtheASCIIConversionChartdeplusCodeI. D.andAIM I.D.
- Enterprefixesandsuffixesintheorderinwhichyouwantthemtoappearon theoutput.
- When setting up for specific symbologies (as opposed to allsymbologies),thespecificsymbologyIDvaluecountsasanaddedprefixorsu ffixcharacter.
- Themaximumsizeofaprefixorsuffixconfigurationis200characters,whichi ncludesheader information.

AddPrefixorSuffix

Step1. Scanthe**AddPrefix**or **AddSuffix**symbol

Step 2. Determine the 2 digit Hex value from the Symbology Chart for thesymbology to which you want to apply the prefix or suffix. Forexample,forCode 11,CodeIDis“h”andHexIDis“68”.

Step 3. Scan the 2 hex digits from the Programming Chart inside the backcover ofthismanual orscan**9**, **9**forall symbologies.

Step4. Determine the hex value from theASCIIConversion Chart, fortheprefixorsuffixyouwishtoenter.

Step 5. Scan the 2 digit hex value from the Programming Chart inside thebackcoverof thismanual.

Step6. Repeat Steps4and5foreveryprefixorsuffix character.

Step7. ToaddtheCodeI.D.,scan**5**,**C**, **8**,**0**.
ToaddAIMI.D.,scan**5**,**C**, **8**, **1**.
Toaddabackslash(\),scan**5**, **C**, **5**,**C**.

Step8. Scan**Save**toexitandsave,orscan**Discard**toexitwithoutsaving.

(889002.)
AddPrefix

(888002.)
AddSuffix

(800002.)
Save

(800000.)
Disgard

Example

AddaSuffixtoaspecificsymbology

TosendaCR(carriagereturn)Suffixforcode128.only:

Step 1. Scan**AddSuffix**.

Step 2. Determine the 2 digit hex value from theSymbology Charts forcode128.

Step3. Scan**6**,**3**fromtheProgrammingChartinsidethebackcoverofthismanual .

Step 4. Determine the hex value from the ASCII Conversion Chart , forthe CR(carriagereturn).

Step5. Scan**0**,**D**fromtheProgrammingChartinsidethebackcoverofthismanual .

Step6. Scan**Save**,or scan**Discard**toexitwithout saving.

(888002.)
AddSuffix

(K6K.)
6

(KAK.)
A

(K0K.)
0

(SDS.)
D

(800002.)
Save

ToAddaCarriageReturnSuffixtoAllSymbologies

Scanthefollowingbarcodeif youwishtoaddacarriagereturnsuffixtoallsymbologies at once. This action first clears all current suffixes, thenprogramsacarriagereturnsuffixforallsymbologies.

(890000.)
AddCRSuffixAllSymbologies

ToAdda LineBreakSuffixtoAllSymbologies

Scanthefollowingbarcodeif youwishtoaddalinebreaksuffixtoallsymbologies at once. This action first clears all current suffixes, thenprograms alinebreaksuffixforallsymbologies.

(888002990A.)
AddLFSuffixAll Symbologies

ToAddaCarriageReturn &aLine BreakSuffixtoAllSymbologies

Scanthefollowingbarcodeif youwishtoaddacarriagereturnsuffix anda line break suffix to all symbologies at once. This action first clears allcurrent suffixes, then programs a carriage return suffix and a line breaksuffixforallsymbologies.

(888002990D0A.)
AddCRandLFSuffixAll Symbologies

KeyboardOperation

Different operations can be performed on the keyboard throughconfiguration during decoding output, such as automatic saving afterdecodingoutput.
Step 1: determine the hexadecimal value corresponding to the keyboardoperation to be performed from the ASCII conversion of keyboardoperation, and Determine the 2-digit hexadecimal value of the barcode tobe set
Step2. scanthebarcodeof"addkeyboardoperation".
Step 3. Determine the sequence of keyboard operation and barcodeoutput. If keyboard operation is in front, scan "add prefix" barcode, andthenscan"addsuffix" barcode.
Step 4. Scan the corresponding 4-digit hexadecimal values in theProgramming Chartsof this manual according to the correspondinghexadecimal values (including barcode type and corresponding keyboardoperation)
Step5. Scan"save"barcode.
Step6,scan"endaddingkeyboardoperation"

（**8210042**）

Addkeyboardoperation

（**8210040**）

Endaddingkeyboardoperation

Example: add operation that automatic preservation after decoding outputforallkindsofbarcodes

First, confirm the operation to be performed: save after barcode output, sosuffix should be added after output barcode. Then determine thecorresponding hexadecimal value according to the table in the appendix,allkinds of barcodes correspond to “9”“9”，The save operationcorrespondsto“1”“3”。
Afterconfirmation,scan"addkeyboardoperation"barcode,addsuffixbarcode, 9, 9, 1, 3, and then scan "save" barcode and “end addingkeyboardoperation”barcode
(Here"9"and"9"correspondtoallcodingsystems,and"1"and"3"correspondtodecodingoutputandsaving)

ClearPrefixesorSuffixes

You can clear a single prefix or suffix, or clear all prefixes/suffixes for asymbology.Ifyouhavebeenenteringprefixesandsuffixesfor singlesymbologies, you can use **Clear One Prefix (Suffix)** to delete a specific character from a symbology. When you **Clear All Prefixes (Suffixes)**, all theprefixesorsuffixesforasymbologyaredeleted.

Step1. Scanthe**ClearOnePrefix**or**ClearOneSuffix**symbol.

Step 2. Determine the 2 digit Hex value from the Symbology Chartsforthesymbologyfromwhichyouwanttoclearthe prefixorsuffix.

Step 3. Scanthe2digithexvaluefromtheProgrammingChart insidethe backcover ofthismanual orscan **9**, **9**forall symbologies.

Step4. Scanthe**Save**symbol.

(889004.)
ClearOnePrefix

(888004.)
ClearOneSuffix

(800002.)
Save

Prefix Selections

(889002.)
AddPrefix

(889004.)
ClearOnePrefix

(889003.)
ClearAllPrefixes

Suffix Selections

(888002.)
AddSuffix

(888004.)
ClearOneSuffix

(888003.)
ClearAllSuffixes

FunctionCodeTransmit

When this selection is enabled and function codes are contained withinthe scanned data, the scanner transmits the function code to the terminal.Default=Disable.

(8080071.)
***Enable**

(8080070.)
***Disable**

Chapter5Symbologies

Introduction

Eachtypeofbarcodehasitsownuniqueproperties.Thebarcodescannercanbeadjustedt oaccommodatethesepropertychangesthroughtheconfigurationcodeinthischapter.Th efewerthebarcodetypes,thefasterthe barcodescannercanread.Youcandisablethebarcodescannertoreadthebarcodetypest hatwillnotbeusedtoimprovetheperformanceofthebarcodescanner.

All Symbologies

If you want to decode all the symbologies allowable for your scanner, scanthe **All Symbologies On** barcode. If on the other hand, you want todecode only a particular symbology, scan **All Symbologies Off**followedbythe**On**barcodeforthatparticularsymbology.

(9990011.)
AllSymbologiesOn

(9990010.)
AllSymbologiesOff

Note:When**AllSymbologiesOn**isscanned, 2DPostalCodesarenotenabled. 2DPostalCodesmustbeenabledseparately.

MessageLengthDescription

You are able to set the valid reading length of some of the barcode symbologies. If the data length of the scanned barcode doesn't match the valid reading length, the scanner will issue an error tone. You may wish to set the samevalue for minimum and maximum length to force the scanner to read fixedlengthbarcodedata.Thishelpsreducethechancesofamisread.

EXAMPLE: Decodeonlythosebarcodeswith acountof6-10characters.
Min. length=06Max.length=10

Step 1. Select the barcode symbologyto set the maximum reading length orthe minimum reading length, scan the **Minimum Message Length**barcode in its catalog, and scan the number "**6**" and "**Save**"barcodesfromtheProgrammingChart.

Step2. Scanthe**MaxmumMessageLength**barcodeand scanthenumbers **1**, **0** barcode and **Save** barcode from theProgramming Chart .The above process sets the selected barcode symbology smallreadinglengthto6andthemaximumreadinglengthto10

EXAMPLE: Decodeonlythosebarcodeswithacountof13characters.
Min.length=13Max.length=13

1DBarcode

If the bar code scanning device needs to decode all the one-dimensionalcode systems, please scan the bar code of “All 1D Barcode on”. Only solvespecificcodesystem,pleasescan"All 1DBarcodeoff".

(9950040.)
All1DBarcodeon

(9950041.)
All1DBarcodeoff

2DBarcode

If the bar code scanning device needs to decode all the two-dimensionalcode systems, please scan the bar code of “All 2D Barcode on”. Only solvespecificcodesystem,pleasescan"All 2DBarcodeoff"

(9950070.)
All2DBarcodeon

(9950071.)
All 2DBarcodeoff

Codabar

(900000.)
DefaultAllCodabarSettings

On/Off

(9000031.)
***On**

(9000030.)
Off

Start/StopCharacters

Start/Stop characters identify the leading and trailing ends of the barcode. Youmay either transmit, or not transmit Start/Stop characters.Default = Don'tTransmit.

(9000061.)
Transmit

(9000060.)
***Don'tTransmit**

Check Character

No Check Character indicates that the scanner reads and transmits barcodedatawithorwithout acheckcharacter.

When Check Character is set to **Validate and Transmit,** the scanner will onlyread Codabar barcodes printed with a check character, and will transmit thischaracterat theendofthescanneddata.
When Check Character is set to Validate, but Don't Transmit, the unit will onlyread Codabar barcodes printed with a check character, but will not transmit thecheckcharacterwiththescanned data.Default=NoCheckCharacter.

(9000010.)
***NoCheckCharacter**

(9000011.)
ValidatebutDon’tTransmit

(9000012.)

ValidateandTransmit

Concatenation

Codabar supports symbol concatenation. When you enable concatenation, the scanner looks for a Codabar symbol having a “D” start character,adjacent to a symbol having a “D” stop character. In this case the two mes-sagesareconcatenatedintoonewiththe“D”charactersomitted.

A1 234D D5678A

Select Require to prevent the scanner from decoding a single “D” Codabarsymbol without its companion. This selection has no effect on CodabarsymbolswithoutStop/Start D characters.

(9000021.)

On

(9000020.)

***Off**

(9000022.)

Require

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximum lengths =2-60.Minimum Default=4,MaximumDefault=60.

(900005.)
MinimumMessageLength

(900004.)
MaximumMessageLength

Code39

< DefaultAllCode39Settings>

(901000.)
DefaultAllCode*39*Settings

Code39On/Off

(9010011.)
***On**

(9010010.)
Off

Start/Stop Characters

Start/Stop characters identify the leading and trailing ends of the barcode.You may either transmit, or not transmit Start/Stop characters. Default =Don'tTransmit.

(9010091.)
Transmit

(9010090.)
***Don'tTransmit**

CheckCharacter

No Check Character indicates that the scanner reads and transmits bar-codedatawithor withoutacheckcharacter.

When Check Character is set to **Validate, but Don't Transmit**, the unitonly reads Code 39 barcodes printed with a check character, but will nottransmit thecheckcharacter withthescanneddata.

When Check Character is set to **Validate and Transmit**, the scanner onlyreads Code 39 barcodes printed with a check character, and will transmitthis character at the end of the scanned data. Default = No CheckCharacter.

(9010040.)
***NoCheckCharacter**

(9010041.)
Validate,butDon'tTransmit

(9010042.)
ValidateandTransmit

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLengthDescriptionforadditional information.MinimumandMaximumlengths =0-48.MinimumDefault=0,MaximumDefault=48.

(901008.)
MinimumMessageLength

(901007.)
MaximumMessageLength

Code39Append

This function allows the scanner to append the data from several Code 39barcodes together before transmitting them to the host computer. Whenthe scanner encounters a Code 39 barcode with the append trigger char-acter(s), it buffers Code 39 barcodes until it reads a Code 39 barcode thatdoes not have the append trigger. The data is then transmitted in the orderinwhichthebarcodeswereread(FIFO).Default=Off.

(9010021.)

On

(9010020.)

***Off**

Example

After sanning**on** barcode, scan the three bar codes below in order. Thebarcodescannerdoes notoutputany data untilthelast bar code isscanned. After scanning the **ESS** barcode, the SUCCESS word is outputcorrectly.

SU

CC

ESS

Code32Pharmaceutical(PARAF)

Code 32 Pharmaceutical is a form of the Code 39 symbology used by Italianpharmacies.ThissymbologyisalsoknownasPARAF.

When you configure code32, you need to turn on code39 before youconfigure it.

(9010051.)
On

(9010050.)
***Off**

FULLASCII

IfFull ASCIICode39decodingisenabled,certaincharacterpairswithinthebar-code symbol will be interpreted as a single character. For example:$V will bedecoded as the ASCII character SYN, and /C will be decoded as the ASCIIcharacter#.Default=Off.

NUL%U	DLE$P	SP	SPACE	0	0	@	%V	P	P	‘	%W	p	+P
SOH$A	DC1$Q	!	/A	1	1	A	A	Q	Q	a	+A	q	+Q
STX$B	DC2$R	“	/B	2	2	B	B	R	R	b	+B	r	+R
ETX$C	DC3$S	#	/C	3	3	C	C	S	S	c	+C	s	+S
EOT$D	DC4$T	$	/D	4	4	D	D	T	T	d	+D	t	+T
ENQ$E	NAK$U	%	/E	5	5	E	E	U	U	e	+E	u	+U
ACK$F	SYN$V	&	/F	6	6	F	F	V	V	f	+F	v	+V
BEL$G	ETB$W	‘	/G	7	7	G	G	W	W	g	+G	w	+W
BS$H	CAN$X	(	/H	8	8	H	H	X	X	h	+H	x	+X
HT$I	EM$Y	)	/I	9	9	I	I	Y	Y	i	+I	y	+Y
LF$J	SUB$Z	*	/J	:	/Z	J	J	Z	Z	j	+J	z	+Z
VT$K	ESC%A	+	/K	;	%F	K	K	[	%K	k	+K	{	%P
FF$L	FS%B	,	/L	<	%G	L	L	\	%L	l	+L	|	%Q
CR$M	GS%C	-	/M	=	%H	M	M	]	%M	m	+M	}	%R
SO$N	RS%D	.	/N	>	%I	N	N	^	%N	n	+N	~	%S
SI$O	US%E	/	/O	?	%J	O	O	_	%O	o	+O	DEL	%T

Characterpairs/Mand/Ndecodeasaminussignandperiodrespectively.Charac terpairs/Pthrough/Ydecodeas0through9.

(9010031.)
FULLASC❚❚On

(9010030.)
***FULLASC❚❚Off**

Interleaved 2of 5

<DefaultAll Interleaved2of5Settings>

(902000.)
DefaultAllInterleaved2of5Settings

On/Off

(9020021.)
***On**

(9020020.)
Off

CheckDigit

No Check Digit indicates that the scanner reads and transmits barcodedatawithorwithout acheckdigit.

When Check Digit is set to **Validate, but Don't Transmit**, the unit onlyreads Interleaved 2 of 5 barcodes printed with a check digit, but will nottransmitthecheckdigitwiththescanneddata.

When Check Digit is set to **Validate and Transmit**, the scanner onlyreads Interleaved 2 of 5 barcodes printed with a check digit, and willtransmit this digit at the end of the scanned data. Default = No CheckDigit.

(9020010.)
***NoCheckDigit**

(9020011.)

Validate,butDon’tTransmit

(9020012.)

ValidateandTransmit

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLengthDescriptionforadditional information.MinimumandMaximumlengths =2-80.MinimumDefault=4,MaximumDefault=80.

(902004.)
MinimumMessageLength

(902003.)
MaximumMessageLength

NEC2 of5

<DefaultAll NEC2of5Settings>

(903000.)

DefaultAllNEC 2of5Settings

On/Off

(9030011.)

***On**

(9030010.)

Off

Check Digit

No Check Digit indicates that the scanner reads and transmits barcodedatawithorwithout acheckdigit.

When Check Digit is set to **Validate, but Don't Transmit**, the unit onlyreads NEC 2 of 5 barcodes printed with a check digit, but will not transmitthecheckdigit withthescanneddata.

WhenCheckDigitissetto**ValidateandTransmit**,thescanneronlyreadsNEC 2 of 5 barcodes printed with a check digit, and will transmit this digitattheendof thescanneddata.Default=NoCheckDigit

(9030020.)

***NoCheckDigit**

(9030021.)
Validate,butDon’tTransmit

(9030022.)
ValidateandTransmit

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLengthDescriptionforadditional information.MinimumandMaximumlengths =2-80.MinimumDefault=4,MaximumDefault=80.

(903004.)
MinimumMessageLength

(903003.)
MaximumMessageLength

Code93

< DefaultAll Code93Settings>

(904000.)
DefaultAllCode93Settings

On/Off

(9040021.)
***On**

(9040020.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer toMessage Length Description for additional information. Minimum andMaximumlengths=0-80.MinimumDefault=0,MaximumDefault=80.

(904004.)
MinimumMessageLength

(904003.)
MaximumMessageLength

Straight2of5 Industrial (three-barstart/stop)

<DefaultAllStraight 2of5IndustrialSettings>

(905000.)

DefaultAllStraight2of5Industrial(three-barstart/stop)Settings

On/Off

(9050011.)

On

(9050010.)

***Off**

MessageLength

Scan the barcodes below to change the message length. Refer toMessage Length Description for additional information. Minimum andMaximumlengths=1-48.MinimumDefault=4,MaximumDefault=48.

(905003.)

MinimumMessageLength

(905002.)

MaximumMessageLength

Straight2of5IATA(two-barstart/stop)

<DefaultAllStraight 2of 5IATASettings>

(906000.)

DefaultAllStraight 2of 5IATA(two-barstart/stop)Settings

On/Off

(9060011.)

On

（9060010.）

Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximum lengths =1-48.Minimum Default=4,MaximumDefault=48.

(906003.)

MinimumMessageLength

(906002.)

MaximumMessageLength

Matrix2of 5

<DefaultAll Matrix2of5Settings>

(907000.)
DefaultAll Matrix 2of 5Settings

On/Off

(9070011.)
On

(9070010.)
***Off**

MessageLength

Scan the barcodes below to change the message length. Refer toMessage Length Description for additional information. Minimum andMaximumlengths=1-80.MinimumDefault=4,MaximumDefault=80.

(907003.)
MinimumMessageLength

(907002.)
MaximumMessageLength

Check

Scanthebarcodebelowtoenableor disablethecheckfunctionofmatrix25.

(9070051.)
EnableCheckFunction

(9070050.)
DisableCheckFunction

Code11

<DefaultAllSettings>

(908000.)

DefaultAllCode11Settings

On/Off

(9080021.)

On

(9080020.)

***Off**

CheckDigitsRequired

This option sets whether 1 or 2 check digits are required with Code 11 barcodes.Default=TwoCheckDigits.

(3110280.)

OneCheckDigit

(3110281.)

***TwoCheckDigits**

MessageLength

Scan the barcodes below to change the message length. Refer toMessage Length Description for additional information. Minimum andMaximumlengths=1-80.MinimumDefault=4,MaximumDefault =80.

(908004.)
MinimumMessageLength

(908003.)
MaximumMessageLength

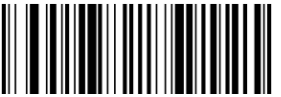
Code 128

<DefaultAll Code128Settings>

(909000.)
DefaultAllCode128 Settings

On/Off

(9090011.)
***On**



(9090010.)
Off

ISBT128Concatenation

(9020051.)
ISBT128On

(9020050.)
***ISBT128Off**

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximum lengths =0-80.Minimum Default=0,MaximumDefault=80.

(909003.)
MinimumMessageLength

(909002.)
MaximumMessageLength

GS1-128

<DefaultAll GS1-128Settings>

(910000.)
DefaultAllGS1-128Settings

On/Off

(9100011.)
***On**

(9100010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximum lengths =1-80.Minimum Default=1,MaximumDefault=80.

(910003.)
MinimumMessageLength

(910002.)
MaximumMessageLength

Telepen

<DefaultAllTelepenSettings>

(911000.)
DefaultAll TelepenSettings

On/Off

(9110011.)
On

(9110010.)
***Off**

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximum lengths =1-60.Minimum Default=1,MaximumDefault=60.

(911003.)
MinimumMessageLength

(911002.)
MaximumMessageLength

UPC-A

<DefaultAllUPC-ASettings>

(912000.)

DefaultAllUPC-ASettings

(9120031.)

***On**

(9120030.)

Off

Check Digit

This selection allows you to specify whether the check digit should betransmittedattheendofthescanneddataornot.Default=On.

(9120041.)

***On**

(9120040.)

Off

NumberSystem

The numericsystemdigitofaU.P.C.symbolisnormallytransmittedatthebeginning of the scanned data, but the unit can be programmed so it willnottransmitit.Default=On.

(9120051.)

***On**

(9120050.)

Off

Addenda

This selection adds 2 or 5 digits to the end of all scanned UPC-A data.Default=Off for both2 Digitand5DigitAddenda.

(9120011.)

2DigitAddendaOn

(9120010.)

***2DigitAddendaOff**

(9120021.)

5DigitAddendaOn

(9120020.)

***5DigitAddendaOff**

AddendaRequired

When **Required** is scanned, the scanner will only read UPC-A barcodes thathave addenda. You must then turn on a 2 or 5 digit addenda. Default = NotRequired.

(9120061.)
Required

(9120060.)
***NotRequired**

Addenda Separator

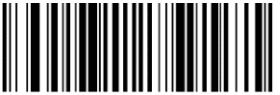
When this feature is on, there is a space between the data from the barcodeandthedatafromthe addenda.Whenturned off,thereisnospace.Default =On.

(9120071.)
***On**

(9120070.)
Off

Note

ScanthebarcodebelowtoconvertUPC-AtoEAN_13or not.



(9120111.)
Convert

(9120110.)

Not convert

UPC-E0

<DefaultAll UPC-ESettings>

(914000.)

DefaultAllUPC-E0 Settings

On/Off

Most U.P.C. barcodes lead with the 0 number system. To read these codes,use the ***UPC-E0 On** selection. If you need to read codes that lead with the1numbersystem, useUPC-E1.Default=On.

(9140101.)

***UPC-E0On**

(9140100.)

UPC-E0Off

Expand

UPC-E Expand expands the UPC-E code to the 12 digit, UPC-A format.Default=Off.

(9140021.)
On

(9140020.)
***Off**

AddendaRequired

When **Required** is scanned, the scanner will only read UPC-E barcodesthathave addenda. Default=NotRequired.

(9140031.)
Required

(9140030.)
***NotRequired**

Addenda Separator

When this feature is On, there is a space between the data from thebarcode and the data from the addenda. When turned Off, there is nospace.Default=On

(9140041.)
***On**

(9140040.)
Off

Check Digit

Check Digit specifies whether the check digit should be transmitted at theendof thescanneddataornot.Default=On.

(9140051.)

***On**

(9140050.)
Off

NumberSystem

The numeric system digit of a U.P.C. symbol is normally transmitted at thebeginning of the scanned data, but the unit can be programmed so it will nottransmitit.Topreventtransmission, scan**Off**.Default =On.

(9140061.)

***On**

(9140060.)

Off

Addenda

This selection adds 2 or 5 digits to the end of all scanned UPC-E data.Default =Off forboth2Digitand5 DigitAddenda.

(9140071.)

2DigitAddendaOn

(9140070.)

***2DigitAddendaOff**

(9140081.)

5DigitAddendaOn

(9140080.)

***5DigitAddendaOff**

UPC-E1

Most U.P.C. barcodes lead with the 0 number system. For these codes,use UPC-E0. If you need to read codes that lead with the 1 numbersystem, usethe**UPC-E1On**selection. Default =Off.

(9140091.)
UPC-E1On

(9140090.)
***UPC-E1Off**

EAN/JAN-13

<DefaultAll EAN/JANSettings>

(915000.)
DefaultAllEAN/JAN-13Settings

On/Off

(9150011.)
***On**

(9150010.)
Off

Note:IfyouwanttoconvertUPC-AbarcodestoEAN-13format,scanthe **UPC-AOff**barcode.

Check Digit

This selection allows you to specify whether the check digit should betransmittedattheendofthescanneddataornot.Default=On.

(9150021.)
***On**

(9150020.)
Off

Addenda

This selection adds 2 or 5 digits to the end of all scanned EAN/JAN-13 data.Default=Off for both2 Digitand5DigitAddenda.

(9150031.)
2DigitAddendaOn

(9150030.)
***2DigitAddendaOff**

(9150041.)
5DigitAddendaOn

(9150040.)
***5DigitAddendaOff**

AddendaRequired

When **Required** is scanned, the scanner will only read EAN/JAN-13 barcodesthathave addenda. Default=NotRequired.

(9150051.)
Required

(9150050.)
***NotRequired**

Addenda Separator

When this feature is **On**, there is a space between the data from the barcodeandthedatafrom theaddenda.Whenturned **Off**,thereisnospace.Default =On.

(9150061.)
***On**

(9150060.)
Off

ISBNTranslate

When **On** is scanned, EAN-13 Bookland symbols are translated into theirequivalentISBNnumberformat. Default=Off.

(9150071.)
On

(9150070.)

***Off**

EAN/JAN-8

<DefaultAllEAN/JAN-8Settings>

(916000.)
DefaultAllEAN/JAN-8Settings

On/Off

(9160011.)
***On**

(9160010.)
Off

Check Digit

This selection allows you to specify whether the check digit should betransmittedattheendofthescanneddataornot.Default=On.

(9160021.)
***On**

(9160020.)
Off

Addenda

This selection adds 2 or 5 digits to the end of all scanned EAN/JAN-8 data.Default=Off for both2 Digitand5Digit*Addenda.*

(9160031.)
2DigitAddendaOn

(9160030.)
***** **2DigitAddendaOff**

(9160041.)
5DigitAddendaOn

(9160040.)
***** **5DigitAddendaOff**

AddendaRequired

When **Required** is scanned, the scanner will only read EAN/JAN-8barcodesthat haveaddenda.Default= Not Required.

(9160051.)
Required

(9160050.)
***NotRequired**

AddendaSeparator

When this feature is **On**, there is a space between the data from the barcodeandthedatafrom theaddenda.Whenturned **Off**,thereisnospace.Default =On.

(9160061.)

***On**

(9160060.)

Off

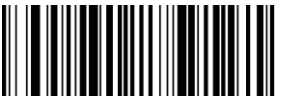
MSI

<DefaultAllMSISettings>

(917000.)

DefaultAllMSISettings

On/Off



(9170011.)

On

(9170010.)

***Off**

CheckCharacte

MSI barcodes use different types of check characters. You can configurethe barcode scanner to read the MSI barcode using the check character.Default=**ValidateMOD10, butDon'tTransmit**

When Check Character is set to **Validate MOD 10 and Transmit**, thescanner will only read MSI barcodes printed with the specified type checkcharacter(s), and will transmit the character(s) at the end of the scanneddata.

When Check Character is set to **Validate MOD 10, but Don't Transmit**,the unit will only read MSI barcodes printed with the specified type checkcharacter(s), but will not transmit the check character(s) with the scanneddata.

(9170020.)

***ValidateMOD10,butDon'tTransmit**

(9170021.)

ValidateMOD10andTransmit

(9170026.)

DisableMSICheck Characters

MessageLength

Scan the barcodes below to change the message length. Refer toMessage Length Description for additional information. Minimum andMaximumlengths=4-48.MinimumDefault=4,MaximumDefault=48.

(917004.)

MinimumMessageLength

(917003.)

MaximumMessageLength

GS1DataBarOmnidirectional

<DefaultAllGS1DataBarOmnidirectionalSettings >

(918000.)
DefaultAllGS1DataBarOmnidirectionalSettings

On/Off

(9180011.)
***On**

(9180010.)
Off

GS1 DataBarLimited

<DefaultAllGS1 DataBarLimitedSettings >

(919000.)
DefaultAllGS1DataBarLimitedSettings

On/Off

(9190011.)
***On**

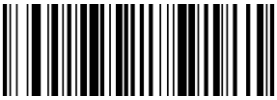
(9190010.)
Off

GS1DataBarExpanded

<DefaultAllGS1DataBarExpandedSettings>

(920000.)
DefaultAllGS1DataBarExpandedSettings

On/Off



(9200011.)
***On**

(9200010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer toMessage Length Description for additional information. Minimum andMaximumlengths=4-74.MinimumDefault=4,MaximumDefault=74.

(920003.)
MinimumMessageLength

(920002.)
MaximumMessageLength

PDF417

<DefaultAllPDF417Settings>

(924000.)
DefaultAllPD417Settings

On/Off

(9240011.)
***On**

(9240010)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-2750.MinimumDefault=1,MaximumDefault=2750.

(924003.)
MinimumMessageLength

(924002.)
MaximumMessageLength

QRCode

< DefaultAllQRCodeSettings>

(928000.)
DefaultAllQRCodeSettings

On/Off

ThisselectionappliestobothQR CodeandMicroQRCode.

(9280011.)
***On**

(9280010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-7089.MinimumDefault=1,MaximumDefault=7089.

(928003.)
MinimumMessageLength

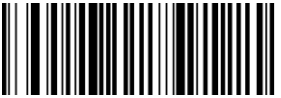
(928002.)
MaximumMessageLength

DataMatrix

< DefaultAllData MatrixSettings>

(930000.)
DefaultAllDataMatrixSettings

On/Off



(9300011.)
***On**

(9300010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-3116.MinimumDefault=1,MaximumDefault=3116.

(930002.)
MinimumMessageLength

(930003.)
MaximumMessageLength

Aztec Code

<DefaultAllAztecCodeSettings>

(931000.)
DefaultAllAztecCodeSettings

On/Off

(9310011.)
***On**

(9310010.)
off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximum lengths =1-3832. MinimumDefault =1,MaximumDefault = 3832.

(931003.)
MinimumMessageLength

(931002.)
MaximumMessageLength

ChinaPost(HongKong2of5)

<DefaultAll ChinaPost(HongKong2of5)Settings>

(936000.)
DefaultAllChinaPost(Hong Kong 2of 5)Settings

On/Off

(9360011.)
On

(9360010.)
***Off**

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=2-80.MinimumDefault=4,Maximum Default=80.

(936003.)
MinimumMessageLength

(936002.)
MaximumMessageLength

Korea Post

<DefaultAll KoreaPostSettings>

(937000.)
DefaultAllKoreaPostSettings

On/Off

(9370011.)
On

(9370010.)
***Off**

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=2-80.MinimumDefault=4,Maximum Default=48.

(937003.)
MinimumMessageLength

(937002.)
MaximumMessageLength

Check Digit

This selection allows you to specify whether the check digit should betransmitted attheendofthescanneddata.Default=Don'tTransmit.

(9370041.)
On

(9370040.)
***Off**

HanXinCode

<DefaultAllHanXinCodeSettings>

(932000.)
DefaultAllHanXinCodeSettings

On/Off

(9320011.)
On

(9320010.)
***Off**

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-1000.MinimumDefault=1,MaximumDefault=1000.

(932003.)
MinimumMessageLength

(932002.)
MaximumMessageLength

Maxicode

<defaltallmaxi codesettings>

(929000.)

On/Off

(9290011.)
On

(9290010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-150. MinimumDefault= 1,Maximum Default=150.

(929003.)
MinimumMessageLength

(929002.)
MaximumMessageLength

Micropdf

<defaltallmicropdf settings>

(925000.)

On/Off

(9250011.)
On

(9250010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-366.MinimumDefault=1, MaximumDefault=366.

(925003.)
MinimumMessageLength

(925002.)
MaximumMessageLength

Composites

<defaltallcompositessettings>

(926000.)

On/Off

(9260011.)
On

(9260010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-2435. MinimumDefault =1,MaximumDefault=2435.

(926004.)
MinimumMessageLength

(926003.)
MaximumMessageLength

CodablockA

<defaltallcompositessettings>

(922000.)

On/Off

(9220011.)
On

(9220010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-600.MinimumDefault= 1,MaximumDefault=600.

(922003.)
MinimumMessageLength

(922002.)
MaximumMessageLength

CodablockF

<defaltallcompositessettings>

(923000.)

On/Off

(9230011.)
On

(9230010.)
Off

MessageLength

Scan the barcodes below to change the message length. Refer to MessageLength Description for additional information. Minimum and Maximumlengths=1-2048. MinimumDefault =1, MaximumDefault= 2048.

(923003.)
MinimumMessageLength

(923002.)
MaximumMessageLength

Disable GS1 Data Matrix

Scan the barcode to disable GS1 Data Matrix

On

Off

Chapter6Utilities

ShowSoftwareRevision

Scan the barcode below to output the current software revision, unit serialnumber, andotherproductinformation.

(809004?.)

ShowRevision

Chapter7CommonProblemsAndSolutions

Problem: Thebarcodescannerdoesnot work.

possiblereason:

1. Thebarcodescannerisnot powered,checkthepoweroftheequipment.
2. Ifyouareusinganincorrect cable,usethecablethat wasoriginallyconfigured.
3. Thecableinterfaceisloose andreconnected.
4. Checkifthebuttonisnormal.

Problem:The barcode

scannerscansnormally,butthedataoutputisincorrect.possiblereason:

1. The cableinterfaceisloose andreconnected.
2. Barcodescanner maynotbeconfiguredtodisplaythecorrectterminal.
3. If you are using a USB to RS232 cable, if the data output is garbled, it may bethat the data reception speed of the device does not match the output speed ofthebarcodescanner.

Problem: Barcode scanner does not decode some

barcodes.possiblereason:

1. The barcode is defective. Try to scan the same type of test barcode to see if itcan beinterpreted.
2. The distance between the barcode scanner and the barcode is not suitable.Pleasemovecloserormoveawaythebarcode.
3. Forbarcodeswithpoorprintquality, thepreferredreadingdistanceis5-10cm.
4. Confirm that your deviceisenabledforthisbarcodetype.

Problem: Other conditions cannot be

decoded.possiblereason:

1. Turn off the device power; properly connect the device to the barcode scanner;turnonthedeviceandtestit.
2. If the problem still cannot be solved, please contact the dealer or themanufacturer.

Chapter8MaintenanceAndCustomerService

Maintenance

1. Stains and dust on the scanning window can sometimes affect the normaloperation of the barcode scanner. When cleaning, use a good qualitytissuetowipegently, oruseasoft clothtoclean.
   If you use a paper with poor paper quality for a long time, it will damagethe surface finish of the window and affect the reading effect of thebarcodescanner.
2. The outer shell of the barcode scanner can be wiped with a soft, cleancloth.Ifnecessary,addasmallamountofdetergenttothewater,wipeitwith asoft clothandrubit.
3. Donotsprayanyliquidonthewindow.
4. The scanning window must be kept clean and the supplier is not liable fordamagecausedbyimpropermaintenance.

CustomerService

Ifyouneedhelpinstalling ortroubleshootingadevice,pleasecontactus

ReferenceCharts

Symbology

ChartsLinearSymbologie

Symbology	AIM			
	ID	Possible Modifiers (m)	ID	Hex
AllSymbologies				99
Codabar	]Fm	0-1	a	61
Code 11	]H3		h	68
Code128	]Cm	0,1,2,4	j	6A
Code32Pharmaceutical(PARAF)	]X0		<	3C
Code 39 (supportsFullASCIImode)	]Am	0,1, 3,4, 5,7	b	62
TCIF Linked Code 39(TLC39)	]L2		T	54
Code93and93i	]Gm	0-9,A-Z,a-m	i	69
EAN	]Em	0,1,3,4	d	64
EAN-13 (includingBookl andEAN)	]E0		d	64
EAN-13withAdd-On	]E3		d	64
EAN-13 withExtendedCou pon	]E3		d	64

Symbology	AIM			
	ID	Possible Modifiers (m)	ID	Hex
GS1				
GS1DataBar	]em	0	y	79
GS1DataBarLimited	]em		{	7B
GS1DataBarExpanded	]em		}	7D
GS1-128	]C1		I	49
2of5				
ChinaPost(Hong Kong2of	]X0		Q	51
Interleaved2of5	]Im	0,1,3	e	65
Matrix2of5	]X0		m	6D
NEC 2of5	]X0		Y	59
Straight2of5 IATA	]Rm	0,1,3	f	66
Straight2of5Industrial	]S0		f	66
MSI	]Mm	0,1	g	67
Telepen	]Bm		t	74
UPC		0,1, 2,3, 8,		
UPC-A	]E0		c	63
UPC-AwithAdd-On	]E3		c	63
UPC-A withExtendedCoupon	]E3		c	63
UPC-E	]E0		E	45
UPC-EwithAdd-On	]E3		E	45
UPC-E1	]X0		E	45
AddCodeID				5C 80
AddAIM CodeID				5C 81
AddBackslash				5C 5C
BatchModeQuantilty			5	35

2DSymbologies

Symbology	AIM			
	ID	Possible Modifiers (m)	ID	Hex
AllSymbologies				99
AztecCode	]zm	0-9,A-C	z	7A
Chinese Sensible Code(Han Xin Code)	]X0		H	48
CodablockA	]O6	0,1, 4,5,	V	56
CodablockF	]Om	0,1,6 4,5, 6	q	71
Code 49	]Tm	0,1,2,4	I	6C
Data Matrix	]dm	0-6	w	77
GS1	]em	0-3	y	79
GS1Composite	]em	0-3	y	79
GS1 DataBarOmnidirecti	]em	0-3	y	79
MaxiCode	]Um	0-3	x	78
PDF417	]Lm	0-2	r	72
MicroPDF417	]Lm	0-5	R	52
QR Code	]Qm	0-6	s	73
MicroQRCode	]Qm		s	73

PostalSymbologies

Symbology	AIM			
	ID	Possible Modifiers (m)	ID	Hex
AllSymbologies				99
AustralianPost	]X0		A	41
BritishPost	]X0		B	42
Canadian Post	]X0		C	43

Symbology	AIM			
	ID	Possible Modifiers	ID	Hex
ChinaPost	]X0	(m)	Q	51
InfoMail	]X0		,	2c
IntelligentMailBar Code	]X0		M	4D
Japanese Post	]X0		J	4A
KIX(Netherlands)	]X0		K	4B
KoreaPost	]X0		?	3F
Planet Code	]X0		L	4C
Postal-4i	]X0		N	4E
Postnet	]X0		P	50

ASCIIConversionChart

Hex	Dec	Char
00	0	NUL（Nullchar.）
01	1	SOH（StartofHeader）
02	2	STX（StartofText）
03	3	ETX（Endof Text）
04	4	EOT（EndofTransmission)
05	5	ENQ（Enquiry）
06	6	ACK（Acknowledgment）
07	7	BEL（Bell）
08	8	BS （Backspace）
09	9	HT（HorizontalTab）
0a	10	LF（LineFeed）
0b	11	VT（Vertical Tab）
0c	12	FF（FormFeed）
0d	13	CR （CarriageReturn）
0e	14	SO （Shift Out）
0f	15	SI（ShiftIn）
10	16	DLE（DataLinkEscape）
11	17	DC1（XON）（DeviceControl 1）
12	18	DC2（DeviceControl 2）
13	19	DC3（XOFF）（DeviceControl3）
14	20	DC4（DeviceControl 4）
15	21	NAK（NegativeAcknowledgment）
16	22	SYN（SynchronousIdle）
17	23	ETB（EndofTrans. Block）
18	24	CAN（Cancel）
19	25	EM （Endof Medium）
1a	26	SUB（Substitute）
1b	27	ESC（Escape）
1c	28	FS （FileSeparator）
1d	29	GS （GroupSeparator）
1e	30	RS （RequesttoSend）
1f	31	US（UnitSeparator）
20	32	SP （Space）
21	33	!（ExclamationMark）
22	34	" （DoubleQuote）
23	35	#（Number Sign）
24	36	$（DollarSign）

25	37	%（Percent）
26	38	&（Ampersand）
27	39	`（SingleQuote）
28	40	(（Right /ClosingParenthesis）
29	41	)（Right /ClosingParenthesis）
2a	42	* （Asterisk）
2b	43	+ （Plus）
2c	44	,（Comma）
2d	45	-（Minus/Dash）
2e	46	.（Dot）
2f	47	/（ForwardSlash）
30	48	0
31	49	1
32	50	2
33	51	3
34	52	4
35	53	5
36	54	6
37	55	7
38	56	8
39	57	9
3a	58	：（Colon）
3b	59	；（Semi-colon）
3c	60	< （LessThan）
3d	61	= （EqualSign）
3e	62	> （GreaterThan）
3f	63	? （QuestionMark）
40	64	@ （ATSymbol）
41	65	A
42	66	B
43	67	C
44	68	D
45	69	E
46	70	F
47	71	G
48	72	H
49	73	I
4a	74	J
4b	75	K
4c	76	L
4d	77	M
4e	78	N
4f	79	O

50	80	P
51	81	Q
52	82	R
53	83	S
54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5a	90	Z
5b	91	[（Left/OpeningBracket）
5c	92	\（BackSlash）
5d	93	]（Right/ ClosingBracket）
5e	94	^（Caret/Circumflex）
5f	95	_（Underscore）
60	96	'（GraveAccent）
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h
69	105	i
6a	106	j
6b	107	k
6c	108	l
6d	109	m
6e	110	n
6f	111	o
70	112	p
71	113	q
72	114	r
73	115	s
74	116	t
75	117	u
76	118	v
77	119	w
78	120	x
79	121	y
7a	122	z
7b	123	{ （Left/OpeningBrace）

7c	124	|（VerticalBar）
7d	125	}（Right/ClosingBrace）
7e	126	~（Tilde）
7f	127	DEL（Delete）

SampleSymbols

UPC-A

01234567890

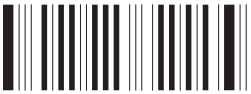
Interleaved2of5

Code128

Straight 2of 5Industrial

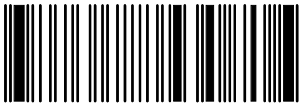
123456

Matrix2of5

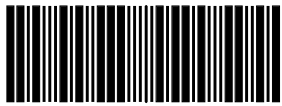


6543210

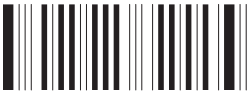
Code93



Straight 2of 5Industrial



Matrix2of5



GS1DataBar

PDF417

Codabar

DataMatrix

TestSymbol

QRCode

Numbers

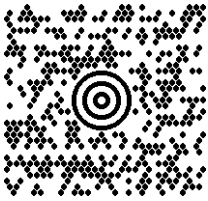
Aztec

12345678

MicroPDF417

TestMessage

MaxiCode



TestMessage

ProgrammingCharts

(K0K.)
0

(K1K.)
1

(K2K.)
2

(K3K.)
3

(K4K.)
4

(K5K.)
5

(K6K.)
6

(K7K.)
7

(K8K.)
8

(K9K.)

(KAK.)
A

(KBK.)
B

(KCK.)
C

(KDK.)
D

(KEK.)
E

(KFK.)
F

(800002.)

Save

(800000.)

Discard

Note: If an error occurs while scanning a letter or number (beforescanning the "**Save**" barcode), scan the "**Discard**" barcode, rescan thecorrect letterornumber,andthen scanthe"**Save**" barcode.