

# Руководство по настройке и эксплуатации



Сканер штрих-кода  
**DBS HC-3208**



Enter Setup

---

# 2D Barcode Scanner User Manual

Version:   v2.0  

Modification date:   2019.5.11  

Version change information

V2.0 2019-5-5	1. The User Manual only for 2D Barcode Scanner
---------------	--



Exit Setup



Enter Setup

## Table of Contents

Chapter 1 Factory Defaults.....	3
Restore All Factory Defaults.....	3
Save as Custom Defaults.....	3
Restore All Custom Defaults.....	3
Chapter 2 Product Information.....	4
Chapter 3 Communication Interface.....	5
USB-KBW.....	5
USB-COM.....	5
TTL/RS232.....	6-8
Chapter 4 Scan Mode.....	9
1. Manual Reading Mode.....	9-12
2. Continuous Mode.....	13-17
3. Automatic mode.....	18-22
Chapter 5 Illumination and Aiming.....	23
1. Illumination.....	23
2. Aiming.....	23
Chapter 6 Output Remind.....	24
1. Indicator.....	24-25
2. Read Beep.....	26
(1) All Indicator.....	26-27
(2) Successful sound remind.....	27-28
(3) Beep Frequency.....	28
(4) Good Read Beep time.....	29-30
3. Decoding status Remind.....	30
4. Keyboard Language.....	30-34
5. Set virtual keyboard.....	35
6. CapsLock.....	35-36
7. Data encoding format.....	36-37
8. VAT invoice automatic identification output function.....	37-38
9. Image Flipping.....	38
Chapter 7 Data editing.....	39
1. Data editing Enable/Disable.....	39
2. Symbol name display.....	39
3. Symbol length display.....	39-40
4. CODE ID.....	40-41
5. Terminal Character.....	41-42
6. Prefix/suffix setting.....	42-43



Exit Setup



Enter Setup

---

Chapter 8 Symbologies edding and enable/disable configuration.....	44
Enable All Symbologies.....	44
Enable 1D symbologies.....	44
Enable 2D symbologies.....	44
EAN-8.....	45-47
EAN-13.....	47-50
UPC-E.....	51-54
UPC-A.....	54-56
CODE 128.....	57
GS1-128.....	58
AIM-128.....	59
ISBT-128.....	60
Interleaved 2 of 5.....	61-62
China Post 2 of 5.....	63-64
Matrix 2 of 5.....	65-66
Industrial 2 of 5.....	67-68
IATA 2 of 5.....	69-70
ITF-14.....	71
DP-12.....	72
DP14.....	73
MSI.....	74-75
Code11.....	76-77
Code 39.....	77-79
Code 32.....	79
Code 93.....	80
Codabar.....	81-83
PLESSEY.....	84-85
RSS-14.....	85-86
RSS-Limited.....	86-87
PDF-417.....	87-88
QR Code.....	89-90
Data Matrix.....	91-92
Aztec code.....	93
Maxi code.....	94
Appendix 1: Set Digital Code.....	95
Appendix 2: ASCII Table.....	96-97
ASCII Table 3 Defaults Table.....	98



Exit Setup



Enter Setup

---

## Chapter 1: Factory Defaults

Scan "Restore All Factory Defaults" Code, Restores all Settings to factory default, Setup code include " \* " is the factory default setting.



Restore All Factory Defaults

Users can set it according to the corresponding requirements, then scan and save the current default as the custom defaults.



Save as Custom Defaults

Scan "Custom Defaults" code, can Restore All Custom Defaults.



Restore All Custom Defaults



Exit Setup



Enter Setup

---

## Chapter 2: Product Information



Query Firmware Version



Query Manufacturer Information



Query Model Number



Query products Serial Number



Query Production Batch



Query Production date



Exit Setup



Enter Setup

---

## Chapter 3: Communication Interface

When connect USB, scan“USB-KBW”code to configure for standard keyboard output



\* USB-KBW

When connect USB, scan“USB-COM”code to configure for virtual serial output



USB-COM

When connect Serial Line, scan“TTL/RS232”code to configure for serial output,Serial port related default configuration is: 9600bps, 8bits, No parity bit, 1 stop bit.



TTL/RS 232



Exit Setup



Enter Setup

---

## TTL232/RS232



1200 bps



2400 bps



4800 bps



\* 9600bps



19200 bps



38400 bps



Exit Setup





Enter Setup



57600 bps



115200 bps



7-N-1



7-N-2



\* 8-N-1



7-E-1



7-E-2

7



Exit Setup



Enter Setup

---



8-E-1



7-O-1



7-O-2



8-O-1



Exit Setup



Enter Setup

---

## Chapter4: Scan Mode

### 1、 Manual Reading Mode

Manual mode-keep button down, press the button to trigger the reading, and release the button to end the reading. If the reading time is successful or the reading time exceeds the single reading time, the reading will end.



\*Manual mode-Keep button down

Manual mode - Button trigger, press the button to trigger to read, release the button but not end reading, When reading success or reading time exceeds the single reading time, reading ends.



Manual mode-Button trigger



\* Enable single reading time



Unlimited Scan Time





Enter Setup

---



Set reading time 1000ms



Set reading time 2000ms



Set reading time 3000ms



\*Set reading time 6000ms



Set reading time 10,000ms



Set One Reading Time ( 100ms ~ 25,500ms )



\* Only Read One Code



Exit Setup



Enter Setup

---



Enable Batch Reding code



Max 2 codes



Max 5 codes



Max 10 codes



Max 16 codes



\* Max 32 codes



Set any number



Exit Setup



Enter Setup

After jumping from other modes to manual mode, it is allowed to return to the original mode after a period of off time. Read the following setting code to select different delays. The default time is 4000ms



After off 500ms to return



After off 1000ms to return



After off 2000ms to return



After of 3000ms to return



Set Return Delay (100ms ~ 5,000ms)



Exit Setup



Enter Setup

## 2、Continuous Scanning Mode

Continuous Scanning Mode, no manual trigger required, When reading succes or after the end of single code reading time, will automatically start the next reading. (Continuous scanning period can switch to manual mode by press the button temporary.)



Continuous Mode



\*Temporary switching Manual mode



Do Not Temporary switching Manual Mode

### Single reading time

In continuous scanning mode,the maximum amount of time that continuous recognition is allowed before successful reading.



Set reading time 1,000ms



Set reading time 2,000ms



Exit Setup



Enter Setup



Set reading time 3,000ms



\* Set reading time 6,000ms



Set reading time 10,000ms



Set reading time 20,000ms



Set Single Reading Time (100ms ~ 25,500ms)

### Read interval setting

The space time between two readings, that is, after the last reading (whether the reading is successful or not), there is no reading within the setting space time, and the next reading is not conducted until the end of the space time.



Set Space time 0ms



Exit Setup





Enter Setup

---



Set Space time 100ms



Set Space time 200ms



\* Set Space time 500ms



Set Space time 1,000ms



Set Space time 2,000ms



Set Space time (0ms ~ 4,000ms)



Exit Setup



Enter Setup

---

### The same bar code reading delay time

In order to avoid repeated reading of the same barcode, when reading the same barcode again, only when the space time is longer than the delay time, can reading be allowed.



Set Same Code Delay time 0ms



Set Same Code Delay time 500ms



\*Set Same Code Delay time 1000ms



Set Same Code Delay time 2000ms



Set Same Code Delay time 3000ms



Set Same Code Delay time 4000ms



Exit Setup



Enter Setup

---



Set Same Code Delay time 10,000ms



Set Same Code Delay time (0ms ~ 10,000ms)



Exit Setup



Enter Setup

### 3、 Automatic Scanning Mode

In Automatic Scanning Mode, No manual trigger required, The sensor will automatically detect the surrounding environment. When the scene changes, it will automatically trigger reading. When reading is successful or exceeds one reading time, reading will end. Whether the last reading is successful or not, the detection state will be re-entered.

( Temporary switching Manual Mode by triggering the key during the sensing reading.)



Automatic Scanning Mode



Use aiming Aids



\*Do Not Use Aiming Aids



\*Temporary switching Manual mode



Do Not Temporary switching Manual Mode

The same bar code reading delay time

18



Exit Setup



Enter Setup

In order to avoid repeated reading of the same barcode, when reading the same barcode again, only when the space time is longer than the delay time, can reading be allowed.



Set Same Code Delay time 500ms



\* Set Same Code Delay time 1,000ms



Set Same Code Delay time 2,000ms



Set Same Code Delay time 3,000ms



Set Same Code Delay time 10,000ms



Set Same Code Delay time (100ms ~ 10,000ms)

### Image time

Stable time before entering the detection environment.



Exit Setup



Enter Setup

---



Set Image time 100ms



Set Image time 200ms



Set Image time 500ms



\*Set Image time 1,000ms



Set Image time (100ms ~ 3,000ms)

### Sensitivity

Detects the degree of change in the scene.



\* High Sensitivity



Exit Setup



Enter Setup



Medium Sensitivity



Low Sensitivity

### Set Single Reading Time

In Automatic Scanning Mode, The maximum amount of time that continuous recognition is allowed before successful reading.



Set Reading time 1,000ms



\*Set Reading time 2,000ms



Set Reading time 3,000ms



Set Reading time 5,000ms



Exit Setup



Enter Setup

---



Set Reading time 10,000ms



Set Reading time 20,000ms



Set Reading time (100ms ~ 25,500ms)



Exit Setup





Enter Setup

---

## Chapter 5: Illumination and Aiming

### 1、Illumination

Illuminating light provide illumination aids for reading,Improve reading performance and adaptability to weak ambient light.



\*Reading On



Off



On

### 2、Aiming

Aiming light can help users find the best reading area when reading.



\*Reading On



Off



Exit Setup



Enter Setup

---

## Chapter 6:Output Remind



The Indicator does not flash



\* The indicator flash 1 time



The indicator flash 2 times



The indicator flash 3 times



The indicator flash 4 times



The Indicator continue time100ms



Exit Setup



Enter Setup

---



The Indicator continue time 200ms



The Indicator continue time 500ms



The Indicator continue time 1000ms



The Indicator continue time 1500ms



The Indicator continue time 2000ms



The Indicator Interval time 100ms



The Indicator Interval time 200ms



Exit Setup



Enter Setup

---

## 2、Read Beep

### (1) All Indicator



Off



\*On



Disable Power on Beep



\* Enable Power on Beep



Disable Setting Code Beep



\* Enable Setting Code Beep



Exit Setup



Enter Setup



Low



Medium



Loud

**(2) Successful sound remind**



\* Use Sound remind



Do not use Sound remind



\*Sound remind 1 time



Sound remind 2 times



Exit Setup



Enter Setup



Set sound remind times (1~5)

### (3) Beep Frequency



Set Beep Frequency 1600Hz



\*Set Beep Frequency 2700Hz



Set Beep Frequency 3200Hz



Set Beep Frequency 4200Hz



Good Read Beep Frequency (100 ~ 20,000Hz)



Exit Setup



Enter Setup

---

(4) Good Read Beep time



Set Beep time 50ms



\* Set Beep time 100ms



Set Beep time 150ms



Set Beep time 200ms



Set Beep time 250ms



Set Beep time 300ms



Exit Setup



Enter Setup

---

### 3、Decode status remind



Enable NG (NoRead)



\*Disable NG (NoRead)



Set NoRead information (1-16bytes)

### 4、Keyboard language



United States



Belgium



Exit Setup





Enter Setup

---



Brazil



Canada French



Czech



Denmark



Finland



France



Germany



Exit Setup



Enter Setup

---



Greek



Hungary



Israel



Italy



Latin America



Dutch Netherlands



Norway



Exit Setup



Enter Setup

---



Poland



Portugal



Romania



Russia



SCS



Slovakia



Spain



Exit Setup



Enter Setup

---



Sweden



Switzerland German



Turkey F



Turkey Q



Unite Kingdom



Japan ASCII



Italian 14



Exit Setup



Enter Setup

---

## 5、 Set Virtual Keyboard



Output Characters ALT+Numeric keys



\* Output characters using a large keyboard



Use "Ctrl" to combine output control characters



\*Original output control character



Enable Small keypad



\* Disable Small keypad

## 6、 Capslock

Keyboard letter conver, in the output of the barcode with letter content, you can set the code to make the output result is all to Upper Case or Lower Case.



Exit Setup



Enter Setup

---



\* No Case Conversion



Conver All to Upper Case



Conver All to Lower Case



Letter case interchange



Using Shift to unblock uppercase locking



Using Capslock to unblock uppercase locking

## 7、Data encoding format

To enable the host to print Chinese data in the specified encoding format, you can set it by reading "data encoding format"

GBK format, suitable for notepad, Excel and other software

Unicode, suitable for Word, QQ, WeChat and other software.



Exit Setup



Enter Setup



GBK Chinese direct transmission



GBK-Unicode Chinese direct transmission



BIG5 Chinese direct transmission



BIG5-Unicode direct transmission



\*Disable Chinese direct transmission

## 8、VAT invoice automatic identification output function



\* on



Exit Setup



Enter Setup

---



off

## 9、 Image Flipping (Mirror Image)



\*Do Not Flip



Flip Horizontally & Vertically



Flip Vertically



Flip Horizontally



Exit Setup





Enter Setup

---

## Chapter 7: Data editing

### 1、Data editing Enable/Disable



\*Enable Data editing



Disable Data editing

### 2、Symbol name display



Enable Symbol name display



Disable Symbol name display

### 3、Symbol length display



Enable Symbol length output



Exit Setup



Enter Setup



Disable Symbol length output

#### 4、CODE ID

Users can identify different barcode types by Code ID. The corresponding Code ID of each barcode type can be modified by themselves (the corresponding setting Code can be found in the enable/disable configuration of barcode type). Code ID USES one character to identify , see appendix 3.



Enable Code ID



Disable Code ID



Code ID before prefix



\* Code ID after prefix



Enable AIM ID output



Exit Setup



Enter Setup

---



\* Disable AIM ID output

## 5、Terminal Charater



\*Enable Terminal Charater



Disable Terminal Charater



Do Not Add Terminal Character



Set Terminal CR



Set Terminal CR+LF



Exit Setup



Enter Setup

---



Set Terminal TAB



Set Terminal CR+CR



Set Terminal CR+LF+CR+LF



Set Terminator Character (1-8 bytes)

## 6、Prefix/Suffix Setting

Prefix/suffix is a user-defined modified character string before or after decoding information, which can be added by scanning "Enable prefix" or "Enable suffix" setting code.

Set prefix/suffix, scan setting codes of "set prefix" or "set suffix", and combine the scanning numeric setting codes, set these values, and scan a four-digit (i.e., four bar codes) corresponding to ASCII values.

eg: The value of the letter A is 1065, Scan the code 1 0 6 5 sequentially, see [Appendix 2: ASCII Table](#) and [Appendix 1: Set Digital Code](#)



Enable Prefix



Exit Setup



Enter Setup

---



\*Disable Prefix



Enable Prefix (1~16bytes)



\*Disable Suffix



Enable Suffix



Enable Suffix (1~16bytes)



Exit Setup



Enter Setup

---

## Chapter 8: Symbologies enabling and enable/disable configuration



Disable All Symbologies



Enable All Symbologies



Disable 1D Symbologies



Enable 1D Symbologies



Disable 2D Symbologies



Enable 2D Symbologies



Exit Setup

---



Enter Setup

---

## EAN-8



\* Enable EAN-8



Disable EAN-8



Do Not Transmit Code 11 Check Character



\*Transmit Code 11 Check Character



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---



Convert EAN-8 to EAN-13



Do not Convert EAN-8 to EAN-13



Enable 2-Digit Add on code



Disable 2-Digit Add-On Code



Enable 5-Digit Add On Code



Disable 5-Digit Add-On Code



Equire Add-On Code



Exit Setup





Enter Setup



Do Not Require Add-On Code



Add Delimiter before the Add-on Code



Do not Delimiter

## EAN-13



Enable EAN-13



Disable EAN-13



Do Not Transmit Check Character After Verification



Exit Setup



Enter Setup

---



Transmit Check Character After Verification



On ISBN/ISSN translation



Off ISBN/ISSN translation



10 Digit ISBN



13 Digit ISBN



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---



Enable 2-Digit Add on code



Disable 2-Digit Add-On Code



Enable 5-Digit Add On Code



Disable 5-Digit Add-On Code



Equire Add-On Code



Exit Setup



Enter Setup

---



Do Not Require Add-On Code



Add Delimiter before the Add-on Code



Do not Delimiter



Exit Setup



Enter Setup

---

## UPC-E



\* Enable UPC-E



Disable UPC-E



Do Not Transmit Code 11 Check Character



\* Transmit Code 11 Check Character



Enable UPC-E1



\* UPC-E1: Disable UPC-E1



Set No.1 Code ID



Exit Setup



Enter Setup

---



Set No.2 Code ID



Enable 2-Digit Add on code



Disable 2-Digit Add-On Code



Enable 5-Digit Add On Code



Disable 5-Digit Add-On Code



Equire Add-On Code



Do Not Require Add-On Code



Exit Setup



Enter Setup

---



Add Delimiter before the Add-on Code



Do not Delimiter



Add US country Code 0



Do Not add Country code



System Character



Do Not system Character



Convert UPC-E1 to UPC-A



Exit Setup



Enter Setup

---



Do Not Convert UPC-A

## UPC-A



\*Enable UPC-A



Disable UPC-A



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Enable 2-Digit Add on code



Exit Setup





Enter Setup

---



Disable 2-Digit Add-On Code



Enable 5-Digit Add On Code



Disable 5-Digit Add-On Code



Equire Add-On Code



Do Not Require Add-On Code



Add Delimiter before the Add-on Code



Do not Delimiter





Enter Setup

---



Set No.1 Code ID



Set No.2 Code ID



Add US country Code 0



Do Not add Country code



System Character



Do Not system Character



Exit Setup



Enter Setup

---

## Code 128



\* Enable Code 128



Disable Code 128



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## GS1-128



\*Enable GS1-128



Disable GS1-128



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## AIM-128



\*Enable AIM-128



Disable AIM-128



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.1 Code ID



Exit Setup



Enter Setup

---

## ISBT-128



\*Enable ISBT-128



Disable ISBT-128



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## Interleaved 2 of 5



\*Enable Interleaved 2 of 5



Disable Interleaved 2 of 5



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



\*Disable



Exit Setup



Enter Setup

---



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Exit Setup





Enter Setup

---

## China Post 2 of 5



Transmit Check Character After Verification



\*Disable Code 2 of 5 China Post



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



\* Disable



Exit Setup



Enter Setup

---



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Exit Setup



Enter Setup

---

## Matrix 2 of 5



Enable Matrix 2 of 5



Disable Matrix 2 of 5



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



\* Disable



Exit Setup



Enter Setup

---



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Exit Setup



Enter Setup

---

## Industrial 2 of 5



Enable Code 2 of 5 Industrial



Disable code 2 of 5 industrial



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



\* Disable



Exit Setup

---



Enter Setup

---



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Exit Setup



Enter Setup

---

## IATA 2 of 5



Enable Code 2 of 5 IATA



\*Disable code 2 of 5 IATA



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



\* Disable



Exit Setup



Enter Setup

---



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Exit Setup





Enter Setup

---

## ITF-14



Enable ITF-14



\* Disable ITF-14



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## DP-12



Enable DP-12



\* Disable DP-12



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## DP-14



Enable DP-14



\* Disable DP-14



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## MSI



Enable MSI



\* Disable MSI



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

### Check Character Verification



\*One Check Character, No output



One Check Character Input



Two Check Characters, MOD10/MOD10 No output



Two Check Characters, MOD10/MOD10 Input



Two Check Characters, MOD10/MOD11 No output



Two Check Characters, MOD10/MOD11 Input



Disable



Exit Setup



Enter Setup

---

## Code 11



Enable Code 11



\* Disable Code 11



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Exit Setup



Enter Setup

---



Set No.2 Code ID

## Code 39



\*Enable Code 39



Disable Code 39



Transmit Start/Stop Character



Do Not Transmit Start/Stop Character



Enable Code 39 Full ASCII



Exit Setup



Enter Setup

---



Disable Code 39 Full ASCII



Set the Minimum Length



Set the Maximum Length



\* Disable



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Set No.1 Code ID



Exit Setup





Enter Setup

---



Set No.2 Code ID

Code 32



Enable Code 32



\* Disable Code 32



\*Enable Code 32 Prefix "A"



Disable Code32 Prefix "A"



Exit Setup



Enter Setup

---

## Code 93



\* Enable Code 93



Disable Code 93



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## Codabar



\*Enable Codabar



Disable Codabar



Set the Minimum Length



Set the Maximum Length



Transmit Start/Stop Character



Do Not Transmit Start/Stop Character



Exit Setup



Enter Setup

---



Set No.1 Code ID



Set No.2 Code ID

### Check Character Verification



\* Disable



Do Not Transmit Check Character After Verification



Transmit Check Character After Verification



Exit Setup



Enter Setup

---

**Start/Stop Character**



\* ABCD/ABCD



ABCD/TN\*E



abcd/abcd



abcd/tn\*e



Exit Setup



Enter Setup

---

## Plessey



Enable Plessey



\* Disable Plessey



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.1 Code ID



\* Disable



Exit Setup



Enter Setup

---



Do Not Transmit Check Character After Verification



Transmit Check Character After Verificatio

RSS-14



\* Enable RSS-14



Disable RSS-14



\* Transmit Application Identifier "01"



Do Not Transmit Application Identifier





Enter Setup

---



Set No.1 Code ID



Set No.2 Code ID

## RSS-Limited



\*Enable RSS-Limited



Disable RSS-Limited



\* Transmit Application Identifier "01"



Do Not Transmit Application Identifier



Exit Setup





Enter Setup

---



Set No.1 Code ID



Set No.2 Code ID

## PDF-417



\* Enable PDF417



Disable PDF417



Set the Minimum Length



Set the Maximum Length



Exit Setup



Enter Setup

---



Set No.1 Code ID



Set No.2 Code ID



\*Allowable structural connection



Do Not allowable structural connection



Exit Setup



Enter Setup

---

## QR Code



\* Enable QR Code



Disable QR Code



Set the Minimum Length



Set the Maximum Length



\*Allowable structural connection



Do Not allowable structural connection



\*Read mirror symbol



Exit Setup



Enter Setup

---



Do not read mirror symbol



Set No.1 Code ID



Set No.2 Code ID



Enable OR code



\*Disable QR code



Exit Setup



Enter Setup

---

## Data Matrix



\*Enable Data matrix



Disable Data matrix



Set the Minimum Length



Set the Maximum Length



\*Enable Rectangular Barcode



Disable Rectangular Barcode



\*Enable Inverse code



Exit Setup



Enter Setup

---



Disable inverse code



\*Read mirror symbol



Do not read mirror symbol



\*Allowable structural connection



Do Not allowable structural connection



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## Aztec Code



\*Enable Aztec



Disable Aztec



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup



Enter Setup

---

## Maxicode



Enable Maxicode



\*Disable Maxicode



Set the Minimum Length



Set the Maximum Length



Set No.1 Code ID



Set No.2 Code ID



Exit Setup

---





Enter Setup

## Appendix 1 Digit Barcodes



0



1



2



3



4



5



6



7



8



9



Save



Cancel



Reset



Exit Setup



Enter Setup

## Appendix 2 ASCII Table

Scanning value	Keyboard value	Scanning value	Keyboard value	Scanning value	Keyboard value
1000	Null	1043	+	1086	V
1001	Keypad Enter	1044	,	1087	W
1002	Caps lock	1045	-	1088	X
1003	Right Arrow	1046	.	1089	Y
1004	Up Arrow	1047	/	1090	Z
1005	Null	1048	0	1091	[
1006	Null	1049	1	1092	\
1007	Enter	1050	2	1093	]
1008	Left Arrow	1051	3	1094	^
1009	Horizontal Tab	1052	4	1095	_
1010	Down Arrow	1053	5	1096	'
1011	Vertical Tab	1054	6	1097	a
1012	Backspace	1055	7	1098	b
1013	Enter	1056	8	1099	c
1014	Insert	1057	9	1100	d
1015	Esc	1058	:	1101	e
1016	F11	1059	;	1102	f
1017	Home	1060	<	1103	g
1018	Print Screen	1061	=	1104	h
1019	Delete	1062	>	1105	i
1020	tab+shift	1063	?	1106	j
1021	F12	1064	@	1107	k
1022	F1	1065	A	1108	l
1023	F2	1066	B	1109	m
1024	F3	1067	C	1110	n
1025	F4	1068	D	1111	o
1026	F5	1069	E	1112	p
1027	F6	1070	F	1113	q
1028	F7	1071	G	1114	r
1029	F8	1072	H	1115	s
1030	F9	1073	I	1116	t
1031	F10	1074	J	1117	u



Exit Setup



Enter Setup

1032	Space	1075	K	1118	v
1033	!	1076	L	1119	w
1034	"	1077	M	1120	x
1035	#	1078	N	1121	y
1036	\$	1079	O	1122	z
1037	%	1080	P	1123	{
1038	&	1081	Q	1124	
1039	'	1082	R	1125	}
1040	(	1083	S	1126	~
1041	)	1084	T		
1042	*	1085	U		



Exit Setup



Enter Setup

## ASCII Table 3 Defaults Table

Symbol type	Code ID Character	Decimal value	Hexadecimal value
Code 128	j	106	6A
GS1-128	l	73	49
Code 39	b	98	62
EAN-8	D	68	44
EAN-13	d	100	64
UPC-E	E	69	45
UPC-A	c	99	63
Interleaved 2 of 5	e	101	65
ITF-14	e	101	65
Codabar	a	97	61
Plessey	p	112	70
Matrix 2 of 5	m	109	6D
Industrial 2 of 5	f	102	66
IATA 2 of 5	f	102	66
Chinese Post 2 of 5	Q	81	51
DP12	u	117	75
DP14	v	118	76
Code 11	h	104	68
MSI	g	103	67
Code 93	i	105	69
RSS-14	y	121	79
RSS-Limited	{	123	7B
RSS-Expanded	}	125	7D
QR Code	s	115	7e
PDF417	r	114	72
Data Matrix	w	119	77
Aztec Code	z	122	7A
Maxicod	x	120	78



Exit Setup