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CCD Auto-sense Barcode Reader Operational Manual

Respected Clients :

We have two auto-induction besides ordinary wired CCD barcode scanner. The two have the following characteristics respectively:

1 Auto-induction A .

Needs to use with stand. Hang the scanner over the stand and auto-induction opens. Without stand it is used as an ordinary wired scanner.(Notes:The auto-induction function is Yumite unique technology)

2 Auto induction B .

Needs to press the switch for 10s and auto-induction opens.If keep pressing the switch for antoher10s,the function of auto-induction will be closed.The stand can be optional for users.(Notes:Do not use it as an ordinary wired scanner after opening auto-induction.Please close auto-induction if you need to use it as an ordinary wired scanner.) when turning on the power supply, the induction is opened by default.

Special notes :

In order for users to read this user manual,we delete all complicated operations for easy of use. If any questions in using, please contact with us.

Thanks for using our products!

Restore Factory Settings



Enter Into Settings



Restore Factory Settings



Quit Settings

Attention: Before any function settings , please read "Enter Into Settings"-read the needed function settings-"Quit Settings ".If there is any unwanted function earlier, please read "Restore Factory Settings" to restore the factory settings.

Flicker Scanning Mode



Flicker Scanning



Flicker Scanning Time

Attention: The flicker scanning time can be set through reading the " Parameter Barcode " 01-09. Flicker time interval unit as 500 ms and can set 01-15 grade. For example, if the flicker time interval is 1000 ms, the procedures are "Enter Into Settings" - " Flicker Scanning Time" - "Parameter Barcode "0" "2" "4" - "Quit Settings" .

Auto Scanning Mode



Auto Scanning



Reading Barcode Time



Enter Into Settings



Quit Settings

Attention: Press the switch button after Auto Scanning Mode setting is accomplished, the scanner will automatically read the following barcodes.If re-press the switch button,the scanner will stop reading barcodes. By default, it is not allowed to read the same barcodes. Under the auto scanning mode, the reading barcode time can be set and time unit as 1s, the parameters range is 0-15s, 0 is infinite and can set if allowed to repeat reading the same barcode.



Not Allowed to Repeat Scanning the Same Barcode



Allowed to Repeat Scanning the Same Barcode



Start Timing after Scanning the Barcode

Attention: 1: Allowed to Repeat Scanning the Same Barcode Setting

When allowed, the scanner will automatically read the following barcodes.If re-press the switch button,the scanner will stop reading barcodes.

When not allowed, the scanner will automatically read the following barcodes. If the same barcode comes again, a continuous waiting mode will show.If there is no same barcode, the scanner keeps reading till you re-press the switch button, the scanner stops reading.

2: Start Timing after Scanning the Barcode Setting

After a successful reading, reading time returns to zero and start timing.

Continuous Scanning Mode



Continuous Scanning



Scanning Interval Time



Scanning the Same Barcode Interval time

Attention: When Continuous Scanning Mode set, the scanner enters into continuous reading code without pressing switch button. Under continuous scanning mode, the scanner can set the scanning interval time and the interval time unit as 500ms, parameter range is 0-7500 ms. Under continuous scanning mode allows continuously read the same barcode via setting scanning interval time.

Read the same barcode twice in 0.1 seconds, the time interval can be set between 0 and 12.0 seconds. When set to 12.7 seconds means not allow to read the same barcode. The numerical must have three numbers, zero shows if less than three numbers.

For example: the scanning interval for the same barcode for 2000 ms steps as follows:

- 1 "Enter Into Settings" 2、 "Scanning the Same Barcode Interval Time" 3、 "Parameter Barcode "0" "2" "0" 4、 "Quit Settings"

Security Level Settings (Attention: The higher the level, the lower the reading barcode error rate and slower the speed)



Enter Into Settings



Quit Settings



1



2



3



4

Languages Settings



English



American



French



Danish



Finnish (Swedish)



Japanese



Norwegian



Turkish F



Turkish Q



Italian



Spanish



Brazil



Czechoslovakia



German (Austria)



Greek



Hungarian

USB Conversion Function



USB Virtual Keyboard



USB Virtual Serial Port

Check Settings



No Check



Odd Check



Even Check

XI Barcode type settings



Open The Code ID Before Barcode Close The Code ID Before Barcode Restore Default The Code ID

Attention: The code ID before the barcode means the corresponding barcode type, please check the sheet1-1.

Barcode Type	CODE ID
UPC-A	A
UPC-E	B
EAN-8	C
EAN-13	D
ISSN	E
ISBN	F
Code 128	G
GS1-128	H
ISBT 128	J
Code 39	K
Code 93	L
Code 11	M
Interleaved 2 of 5	N

Barcode Type	CODE ID
ITF-6	O
ITF-14	P
Matrix 2 of 5 (Europe)	S
Matrix 2 of 5 (Japan)	T
Industrial 25	U
Standard 25	V
Codebar	W
Plessey	X
MSI-Plessey	Y
Gs1 Databar	Z



Enter into Settings



Quit Settings

Siren setting



Close Siren



Open temporary mute



Close temporary mute



Siren (high)



Siren (middle)



Siren (low)

Serial port setting (Baud rate setting)



2400



4800



9600



14400



19200



38400



57600



115200



Enter into Settings



Quit Settings

Barcode Character Transfer Delaying Settings



Character Delaying Time

Attention: character delaying time is 0-75ms, 5ms as a grade, 15 grades in total. The default is 0ms.

Capital and Lower-case Character Conversion



Capital Opposite



Lower-case



No conversion



Capital and Lower-case Opposite

Barcode Enable



Read All Types of Barcode



Forbid to Read All Type of Barcode

Attention: if some barcode can't be read, please try "Read All Type of Barcode" and restore the factory default in case affecting the scanning speed.



Enter into Settings



Quit Settings

UPC/EAN- Attached Code settings



Adding Two Bit Attached Code



Adding Five Bit Attached Code

Code39 to or not to transmit start character and stop character



to Transmit



Not to Transmit

Cancel Enetr and Enter Setting



Cancel Enter



Enter



Enter into Settings



Quit Settings

Add Prefix Settings



Add Prefix



Reveal Prefix



Not Reveal Prefix

For example: If add prefix “XY” before code “1234”, steps as follows:

1. Enter into Settings
2. Add Prefix
3. Read parameter code 5,8,5,9 and then read “Save”
4. Quit Settings. After above settings and read “Reveal Prefix” code when read code “1234” again the “XY” will be added change to: XY1234

Add Suffix Settings



Add Suffix



Reveal Suffix



Not Reveal Suffix

For example: If need to add suffix “XY” after code “1234”, steps as follows:

1. Enter into Settings
2. Add Suffix
3. Read parameter code 5,8,5,9 and then read “Save”
4. Quit Settings. After above settings and read “Reveal Suffix” code when read code “1234” again ,the “XY” will be added change to: 1234XY

Parameter Code



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Save



Reset Parameter

PS: If it reads the parameter error, please read the "reset parameter" code to reset the needed parameter

Add the Function Key Terminator



Enter into Settings



Quit Settings

Add Terminator



F1



F2



F3



F4



F5



F6



F7



F8



F9



F10



F11



F12



HOME



TAB

ASCII Code Setting (PS:This setting aims to code 39 reading incompleated characters.)



Close



Open

Parameter barcode and corresponding representing characters table.

Parameter code	Representing characters	Parameter code	Representing characters	Parameter code	Representing characters	Parameter code	Representing characters	Parameter code	Representing characters
2 d	-	4 4	D	5 b		7 2	r	2 b	+
2 e	.	4 5	E	5 c	\	7 3	s	2 c	,
2 f	/	4 6	F	5 d]	7 4	t		
3 0	0	4 7	G	5 e	^	7 5	u		
3 1	1	4 8	H	5 f	-	7 6	v		
3 2	2	4 9	I	6 0	,	7 7	w		
3 3	3	4 a	J	6 1	a	7 8	x		
3 4	4	4 b	K	6 2	b	7 9	y		
3 5	5	4 c	L	6 3	c	7 a	z		
3 6	6	4 d	M	6 4	d	7 b	{		
3 7	7	4 e	N	6 5	e	7 c			
3 8	8	4 f	O	6 6	f	7 d	}		
3 9	9	5 0	P	6 7	g	7 e	~		
3 a	:	5 1	Q	6 8	h	2 1	!		
3 b	;	5 2	R	6 9	i	2 2	"		
3 c	<	5 3	S	6 a	j	2 3	#		
3 d	=	5 4	T	6 b	k	2 4	\$		
3 e	>	5 5	U	6 c	l	2 5	%		
3 f	?	5 6	V	6 d	m	2 6	&		
4 0	@	5 7	W	6 e	n	2 7	.		
4 1	A	5 8	X	6 f	o	2 8	(
4 2	B	5 9	Y	7 0	p	2 9)		
4 3	C	5 a	Z	7 1	q	2 a	*		

About the Warranty

1. Since you buy our product with this card, you can enjoy the service of one year repair and lifelong maintenance for the rubber and plastic parts of the barcode scanner, 6 months repair service for the battery and the charger, and 3 months repair service for the data cable. During the repair period, the maintenance of the product is free. Expire the warranty, we will charge the replaced components and maintenance cost;

2. If the product belongs to one of the below situations and verified by manufacturer, the user can't enjoy the free maintenance service:

a. Expire the warranty period;

b. The barcode scanner body is disassembled or the camera of the scanner is damaged;

c. The surface or internal component of the scanner is seriously damaged;

d. The product is damaged due to the wrong installation or operation;

e. The serial number of the scanner is altered or does not confirm to the number written on the card.

f. The scanner is damaged due to an artificial fault. For instance, it is inundate.

g. The scanner is damaged due to natural disasters, e.g. fire disaster, flood and thunder stroke.

h. The working or storage environment of the product, e.g. temperature or humidity, does not conform to the requirements in Operation Manual.

Thank You For Choosing Our Products!

User Information	Name	
	Address	
	Zipcode	
	Tel	
	Email	

Distributor Information	Name	
	Address	
	Zipcode	
	Operator Signature	
	Distributor Seal	

Accessories Name	Quantity
Scanner	1
With Stand (Auto-induction A/B optional)	1
USB Charge Cable	1
Manual	1

Maintenance Record

Barcode Reader		Warranty Card
	Part No.	
	Serial No.	
	Purchase Date	

Date	Fault Descriptio	Maintenanc e Record	Operator

Please make sure to read the instructions about maintenance carefully at the back of the card. Fill out various data above carefully and the file valid only if it is signed with the official of the authorized dealer.