

Respected clients:

Thanks for choosing us. We hope you take your valuable time to read the user manual before using the barcode reader. Hope this will be a good base for a smooth use. Any enquiries, please contact us. Thanks.

I.Product Characteristic:

- a. Exquisite and beautiful design, external protected by soft rubber and internal scientific solidification structure, so its drop resistance better than ordinary scanner.
- b. The latest technical accomplishment is applied to the engine and decoding function, reading codes better and faster than the similar in the market.
- c. Easy using, easy setting.
- d. Large capacity, 1.5 times higher than ordinary scanner, it guarantees use longer after fully charged.

II Function and Use Description

- a. Automatic frequency hopping and strong anti-interference capacity

b. Under the “Normal Mode”, the transmission distance is over 400m where there are no obstacles. If exceed the transmission distance or the data is loaded failed, 3 short prompt sound will be sent out.

c. Each scanner has a unique mechanical ID, it guarantees not disturb each other when many scanners work at the same time.

d. The customizable ID enables the user to distinguish the data source easily.

e. The pairing method is very simple, one pairing can be used for a long time and repeated pairing is applicable.

f. The “Check Mode” is simple and can be used easily, and can storage 500–10000 barcode messages (customization is needed if messages are more than 500).

g. Automatic sleeping, the sleeping current is less than 10UA, which largely prolongs the standby time of battery.

h. A special charging circuit guarantees the charging safety.

III. Pairing Operation

1. one scanner pair one receiver (there are virtual keyboard and virtual serial port can be chose)



One to One

Application: Suitable for a range of scanner supporting a receiver

Pairing Operation:

Read “one to one” barcode, the scanner will go to pairing mode and have three “beep” sounds then insert the receiver to USB port, if the scanner has one “beep” sound in 3s that means the pairing is succeed meanwhile the light of receiver will flicker.

2. one scanner pair more receivers (there are virtual keyboard and virtual serial port can be chose)



One to More

Application: Suitable for a range of scanner supporting more receivers

Pairing Operation: Read “one to more” barcode, the scanner will go to pairing mode and have three “beep” sounds then insert the receiver to USB port, if the scanner has one “beep” sound in 3s that means the adding is succeed meanwhile the receiver light will flicker at 2HZ and the receivers can be added continue (maximum 8 receivers), if you have added to the required number of receivers, press the trigger to end of adding. The more receivers you add, the longer to wait after scanning the barcode.

3. more scanners pair one receiver (there are virtual keyboard and virtual serial port can be chose)



More to One

Application: Suitable for receiving the range of the receiver, a number of barcode scanners send data to the same receiver, but the scanner is not used at the same time (at the same time only one scanner to use).

Pairing Operation: Read “more to one” barcode, the scanner will go to pairing mode and have three “beep” sounds then insert the receiver to USB port, if the scanner has one “beep” sound in 3s that means the adding is succeed meanwhile the receiver light will flicker at 1HZ and the scanners can be added in the same way.

(IV) Working Mode Setting



Normal Mode



Non-Losing Mode



Check Mode



Total Checking Data



Upload Checking Data



Clear Checking Data



Clear Non-Losing Mode
Stored Data

(V) ID Display and Hiding Setting



Opening ID Setting



ID Display



ID Hiding

*ID Setting Parameters



0



1



2



3



4



5



6



7



8



9

(VI) Sleeping Time Setting



Opening Time Setting



20s



30s



60s



2 min



5 min



10 min



20 min



8 hour



No Sleeping

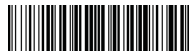
(VII) Check Data and Non-Losing Mode Stored Data Upload Time Setting



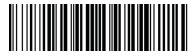
0.1S



0.5S



1S



2S



3S



4S



5S

* Language Setting



English



Italian



German



French



Turkish



Czech



Finnish



Spanish

VIII. Restore Setting



Enter into Settings



Restore Factory Settings



Exit Settings

Attention: Before any function settings, please read “Enter into Settings” and then read the barcode of needed function settings and finally please read “Settings” If there is any needless function or parameter set before, please read “Restore Factory Settings” to restore settings

IX. 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” - “Quit Settings”.

X. Auto Scanning Mode



Auto Scanning



Reading Barcode Time



Enter into Settings



Exit 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. Under default mode, it is not allowed to read the same barcode. 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.

XI 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 0-7500ms. 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"

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



Enter into Settings



Exit Settings



1



2



3



4

XIII 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.

Sheet 1-1

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

Code 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



Exit Settings

XIV 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.



Enter into Settings



Exit Settings

XV Barcode Enable



Read All Types of Barcode



Forbid to Read All
Types of Barcode

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

XVI UPC/EAN-Attached Code Settings



Add Two Bits Attached Code



Add Five Bits
Attached Code

*Code39 to or not to transmit start character and stop character



to Transmit



Not to Transmit

XVII Enter and Line Skip Settings



Cancel Enter



Enter

XVIII Parameter Code



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Save



Reset Parameter

Attention: If error happens after reading the parameter, please read "reset parameter" code to reset the needed parameter.

XIX Add the Function Key Terminator



Enter into Settings



Exit Settings

Terminator



F1



F2



F3



F4



F5



F6



F7



F8



F9



F10



F11



F12



HOME



TAB



Enter into Settings



Exit Settings

XX Add Prefix Setting



Add Prefix



Reveal Prefix



Not Reveal Prefix

For example: if need to add suffix "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 change to: XY1234.

XXI 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.

XXII ASCII Code Setting (Attention: This setting aims to code 39 reading incompleted characters)



Close



Open

XXIII 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

I. 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;

II. 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	

Barcode Reader**Warranty Card**

Part No.	
Serial No.	
Purchase Date	

Appendix

Accessories Name	Quantity
Scanner	1
U Type Receiver	1
USB Charge Cable	1
Manual	1

Maintenance Recode

Date	Fault Description	Maintenance 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.