Wired Laser Barcode Scanner
User Manual

Thanks you for choosing our company's product. To have a better operating experience, please read this manual carefully.
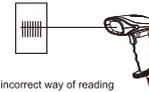
Reading Angle

1. Maintain a bevel between the scanner and the bar code to make a best reading.
2. Do not keep the scanner in 90° with the bar code, otherwise the scanner can't read.
3. The scanner must aim at the bar code and the beam must cover the whole bar code. If not, error may occur.
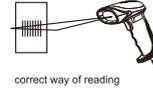
correct way of reading
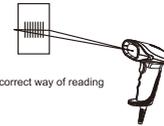
correct way of reading

incorrect way of reading
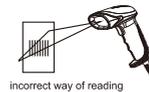
incorrect way of reading

Packing list:

1*barcode scanner   1*cable (USB/KB/COM)
1*user manual   1*Stand (optional)

Product Introduction

This barcode scanner has USB/KB/COM interface for user's choice. With advantages of quick decoding speed and easy operation, it should be a good solution for bar code identification.

If you have any questions about the functions and settings, please contact us for more details.

Our company reserves all rights of modifying and final explanation for the manual.

Connecting the Scanner

USB:

Connect the USB cable to the USB interface in the computer.

PS/2:

1. Shut off the power supply of the host.
2. Pull out the keyboard of the host.
3. Confirm the PS/2 cable is suitable for the connection of the host.
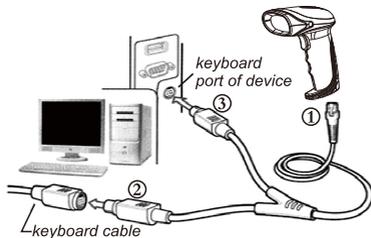4. Connect the scanner to the host.
5. Connect the keyboard port to the PS/2 cable.
6. Open the host.

keyboard port of device

③

①

②

keyboard cable

RS232:

1. Shut off the power supply of the host.
2. Confirm the connection is correct from the RS232 to the host.
3. Connect the AC adaptor to the power port of the scanner or connect the keyboard port of the host to the keyboard port of the scanner.
4. Open the host.
5. Scan the setup barcode to set the output mode as RS232 (serial mode).
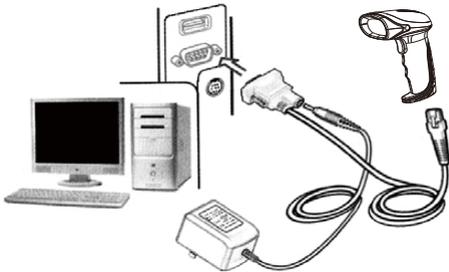
Automatic Function Settings

1. If it is an automatic barcode scanner, it has already been well set with the auto scanning function. When there's an object passes the sensitive area (the sensitive area depends on the size of the object, normally is 5-30cm), the scanner will scan automatically. After it reads a bar code successfully, the light will be off and a trigger cycle finished. The scanner will read again when there's and object passes the sensitive area.

Function Settings

Definition Settings

Show Version Info
(user-defined)

Show Internal string
(user-defined)

Show Serial NO.
(user-defined)

Reset Factory
Defaults

Interface

Default Interface

PS2 Keyboard Wedge

Serial

USB Keyboard Wedge

USB Serial

Reading Mode

Default Mode

Continuous Scan

Buzzer

ON

OFF

Add Code ID

No Code ID

Send Code ID as Prefix

Send Code ID as Suffix

Language Settings

America English

Canada French

Dutch

Spanish

Argentina(Latin)

Brazil Portuguese

Danish

England English

Italian

France French

German

Norway

Swedish, Finnish

Slovak

Portugal Portuguese

Czech

Belgium Dutch

Turkish-F

Turkish-Q

Polish 214

Switzerland German,French

Croatian

Hungarian

Serial Mode Parameter Settings (Baud Rate)

600bps

1200bps

2400bps

4800bps

9600bps

19200bps

38400bps

57600bps

115200bps

Serial Protocol

Serial No Check Digit

Serial XON/OFF

Serial RTS/CTS

Serial ACK/NA

Hand Shake Timeout-2secs

Hand Shake Timeout-5secs

Data Bits

7

8

Stop Bits

1

2

Check Digits

None

ODD

Even

Transmit Speed

Highest   Higher   Lowest

Brazil bank barcode

On   Off

Remark: It need customized before production for the function in the frame

Image

Revise Image Disable   Revise Image Enable

Code 39

Code 39 on   Code 39 off   Code 39 ID as 'm'

Code 39 Full ASCLL-on   Code 39 Full ASCLL-off

Code39 MOD43 Verify Off   Code39 MOD43 Verify On

Code39 transmit verify-On   Code39 transmit CHARS-Off

Code39 transmit CHARS-On   Code39 redundancy enable

Code39 redundancy disable   Replace "2" with "TWO" -disable

Covert code39 into code32 (DF)-disable   Covert code39 into code32-enable

Code39 TAB Mode

UPC-A

UPC-A on   UPC-A off   UPCA ID as 'e'

Convert UPCA into EAN13 enable   Convert UPCA into EAN13 disable

Transmit UPCA check code   Transmit UPCA check code disable

UPCA hide system character-disable   UPCA hide system character-enable

UPC-E

UPC-E on   UPC-E off   UPC-E ID as 'f'

Convert UPCE into UPCA -enable   Convert UPCE into UPCA-disable

EAN13

EAN13 on	EAN13 off	EAN13 ID as 'd'

Transmit EAN13 check code-enable	Transmit EAN13 check code-disable
Convert EAN13 into ISBN-enable	Convert EAN13 into ISBN-disable
Convert EAN13 into ISSN-disable	Convert EAN13 into ISSN-enable
EAN13 redundancy enable	EAN13 redundancy disable

EAN 8

EAN8 /on	EAN8 /off	EAN8 ID as 'c'

UPC/EAN additional code

Supplements-5 digits	Supplements-2 digits
Supplements-2&5 digits	Supplements disable

Code93

Code93 /on	Code93/ off	Code 93 ID as 'l'

Code93 redundancy enable	Code93 redundancy disable
Code 93 MOD47/on	Code 93 MOD47/off

Code128

Code128/on	Code128/off	Code 128 ID 'a'

Code128 redundancy disable	Code128 redundancy enable

Codabar

Codabar/on	Codabar/off	Codabar ID as 'v'

Codabar Send start/stop CHARS-enable	Codabar Send start/stop CHARS-disable
Codabar redundancy enable	Codabar redundancy disable

Interleaved 25

Interleaved/ITF25-on

Interleaved/ITF25-off

ITF25 ID as 'n'

ITF25
redundancy disable

ITF25
redundancy enable

Industrial 25

Industrial 25/ on

Industrial 25/ off

Industrial 25 ID as 'o'

Industrial 25
redundancy enable

Industrial 25
redundancy disable

Matrix 25

Matrix 25/on

Matrix 25/off

Matrix 25 ID as 'q'

Postage Code 25/on

Postage Code 25/off

Postage
Code 25 ID as 'r'

Aviation 25/on

Aviation 25/off

Aviation 25 ID as 'p'

Code11

Code11/on

Code11/off

Code 11 ID as 'u'

Code11
redundancy disable

Code11
redundancy enable

Code11 auto CK verify

Code11 C verify

Code11 CK verify

Code MSI

Code MSI/on

Code MSI/off

MSI ID as 's'

Code MSI
redundancy disable

Code MSI
redundancy enable

Code Plessey

Code Plessey

Code Plessey/off

Code Plessey ID as 't'

Code Plessey
redundancy disable

Code Plessey
redundancy enable

GS1

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
GS1 Omnidirectional/on	GS1 Omnidirectional/off

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
GS1 Omni ID as 'j'	GS1 Limited/on

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
GS1 Limited/off	GS1 Limited ID as 'k'

Kindly remind:

High speed transmission can't be accepted by some device(computer),please try to scan the barcode (decrease speed transmission) as following if some characters was missing.

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖

Front/Behind CHARS Settings

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
Hide CHARS-disable	Hide CHARS '-'

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
Replace '0' with 'A'-disable	Replace '0' with 'A'-enable

USB Upload

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
USB quick upload/on	USB quick upload/off

IR Auto-sensing

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
IR Auto-sensing/on	IR Auto-sensing/off

Hide Characters

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
Hide the first N CHAR	Hide the front CHARS-disable

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
Hide the last N CHAR	Hide the behind CHARS-disable

‖‖‖‖‖‖‖	
Hide from the N CHAR setting	

‖‖‖‖‖‖‖	‖‖‖‖‖‖‖
Hide the number from N CHAR setting	Hide the middle characters-disable

Prefix & Suffix Setting

All codes add suffix CR

All codes add suffix CR+CR

LF all codes add suffix ETX

All codes add prefix F2

All codes add suffix F2

All codes add suffix
format CHARS-disable

All codes add prefix STX

All codes add prefix disable

Set to add prefix

Set to add suffix

Quit out prefix and
suffix adding mode

Clear all prefix CHARS

Clear all suffix CHARS

Alphabet

SOH	STX	ETX
EOT	ENQ	ACK
BEL	Backspace	TAB
LF	VT	FF
CR	SO	SI
DLE	DC1	DC2
DC3	DC4	NAK
SYN	ETB	CAN
EM	SUB	ESC
FS	GS	RS
US	SPACE	!
"	#	$

%	&	'
(	)	*
+	,	–
.	/	0
1	2	3
4	5	6
7	8	9
:	;	<
=	>	?
@	A	B
C	D	E
F	G	H

I	J	K
L	M	N
O	P	Q
R	S	T
U	V	W
X	Y	Z
[	\	]
^	_	`
a	b	c
d	e	f
g	h	i
j	k	l

m	n	o
p	q	r
s	t	u
v	w	x
y	z	{
		}	~
Delete	F1	F2
F3	F4	F5
F6	F7	F8
F9	F10	F11
F12	INSERT	HOME
Page up	Delete	END

Page down	Right arrow	Left arrow
Down arrow	Up arrow	

Environmental Tips

Environment-friendly use period of this product is 10 years. Climatic conditions for normal work, storage, and transportation specified in the technical characteristics of the product. At the end of use period, we suggest to return the product (including package) to our company.

Assembly unit name	Harmful substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Shell	◯	◯	◯	◯	◯	◯
PCB	✕	◯	◯	◯	◯	◯
Cable	◯	◯	◯	◯	◯	◯
Packaging Materials	◯	◯	◯	◯	◯	◯

This form is prepared according to the provisions of SJ/T 11364.

◯ : It is indicated that the content of the harmful substance in all the homogeneous materials of the component is below the limit specified in GB/T 26572.

✕ : It is indicated that the content of the harmful substance at least in one certain homogeneous material of the component is beyond the limit specified in GB/T 26572.

Note : 1. Most components in this product use harmless environment-friendly materials, and due to limited international technology level, some harmful materials cannot be replaced.

2. The environmental data for reference are tested in the normal use and storage environment of this product requirements, such as humidity and temperature, etc.

Warranty Card

1. Customers can enjoy the legal rights using the purchase invoice and the warranty card without doing any warranty procedures.
2. All the warranty items are subject to the guarantee clause and user notice that published by our company.
3. We will not guarantee the product if it is in one of the following situation, but we can offer maintenance service with charges.
   (1) Man-made damage or improper operation;
   (2) Damage caused by maintenance of non-professionals;
   (3) Have no warranty card, the model is inconsistent with actual or the warranty card is obliterated;
   (4) Irresistible damage (natural disasters like thunder, earthquake, fire, etc.)
4. Please fill in the warranty card. Do not obliterate the card. Otherwise, we will make charges maintenance.
5. Please keep this card well. We will not offer another warranty card.

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Barcode Scanner Warranty Proof

User Name		Telephone	
Address			
Purchasing Date	D/ M/ Y	Model	
Serial NO.		Agency	
Maintenance Record			
Date	Product Failure	Maintenance Condition	Repairman