Eyoyo Barcode Scanner

User Manual

Model: EY-H2

Join Eyoyo Community:

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Customer Support:

Eyoyo is dedilated to offer the best serice.To reach Eyoyo
customer support.

Please email us:

English:support@eyoyousa.com   France:support-fr@eyoyousa.com

Italy:support-it@eyoyousa.com   Spain:support-es@eyoyousa.com

Germany:support-de@eyoyousa.com   Japan:support-jp@eyoyousa.com

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Precautions

In order to correctly use the barcode scanner, please read the instruction carefully and do not arbitrarily scan the settings code, otherwise, some settings may not be available temporarily.
Please keep this instruction for reference in the future.

Congratulations and Thank You for choosing the Eyoyo® Barcode Scanner. If you have any problems with our products, please contact us at **support@eyoyousa.com**

Register now your product to ensure full warranty coverage. Send an email with your email address, date of purchase, website of purchase and order number to **support@eyoyousa.com**

All our Eyoyo brand product can offer a one-year warranty and lifelong tech support.

You are suggested to write down the model & the specific scenario and consult the maintenance person should you find the scanner abnormal.

Features&Technical Parameter

Features

★ The shape design conforms to the ergonomic, the application is convenient.
★ Strong reading ability, fast reading paper, computer or mobile phone screen on the mainstream one-dimensional code, two-dimensional code.
★ Fast reading mobile device screen payment code, electronic volume, discount volume and so on, can be used in high flow cash register environment.
★ Support USB, virtual serial port and other communication modes.
★ It is suitable for complex lighting environment (including completely dark environment), large temperature and humidity, and harsh and complex working environment, such as shock, vibration and strong exposure.
★ Fully compatible with mainstream Windows systems, Android systems, Linux systems.

◆ Supermarket	◆ Warehouse
◆ Mobile payment	◆ Retail chain
◆ Courier	◆ Health care

Technical Parameter

Processors	32 bit Security Process
Camera	640(horizontal X480(vertical) CMOS,30fps
Perspective	31° level
Reading angle	Rotate 360°, tilt ±55°, deflection 55°
Reading depth	EAN13: 40~200mm （13mil）
	Code128: 45~250mm （20mil）
	Code39: 45~95mm （5mil）
Working voltage	USB5V
Working Current	125 mA
Communication interface	USBHID-KBW(Default)
Line length	1.8 m
Appearance dimensions	110 mmL*71mmW*158mmH
Working environment	Working temperature :-20℃~60℃
	Storage temperature :-40℃~70℃
	Working humidity :5% RH~95% RH (no condensation)
Support code	Default ON (1D Code): EAN13、 EAN8、 UPC-A、UPC-E0、 UPC-E1、 Code128、 Code39Code93、 CodaBar Default OFF (one-dimensional code): Interleaved2of5、Industrial25、Matrix2of5、 Code11、MSI Plessey 、RSS-14、 qualifying RSS、 extended RSS
	Default ON (QR Code): QRCode、 PDF417、 DataMatrix (ECC 200)

FAQS & Troubleshooting

FAQS

Q1. If i scan a product barcode, will it include the name of the product in the file automatically?

Answer:
It can't support.The scanner works like a keyboard. The scanner does not interpret what the barcode is, it just "types" out a string of alphabet numeric characters that the barcode represents.

it's up to the database software you are using to interpret what that string of characters means. Once you acquire the barcodes, you have to correlate them to something more meaningful by either purchasing a software service that will interpret the barcode and relate it to a product, or you can use your own internal inventory system to assign the barcodes to specific products.

After creating the relationship between your barcode and the corresponded information, when you enter the barcode into the software by the scanner, your software will look up the barcode and then output the related information of your product.

Q2. Why does the scanner not read the barcode exactly? When I use the scanner to read a barcode of an item, I get a different result from the barcode itself.

Answer: Please contact the seller, attached the sample of barcode and operate video, the email address is support@eyoyousa.com.

Q3.Some barcodes can not be read, why?

Answer:
A. Incomplete and unclear barcodes might not be read.
B. It is possible that the setting is off by default for some barcode types which are not commonly used. You need to activate a specific barcode type to get it working. Please find the set code on user manual

Please feel free to contact our Customer Service Team for further assistance if you don't know the exact type of barcode that you are referring to.

Q4.Are there any barcodes to remove auto-enter after every scanning?

Answer:
To remove the auto-enter, scan these codes "None"on page 07.

Q5. How to add Tab?

Answer:
To add Tab after every scanning, scan the code "Add Tab" on page 07.

Troubleshooting

Problem	Possible Reason	Solution
Pull the trigger, the scanner has no reaction. the red scanning light does not show up.	The head of scanner is out of condition.	Contact support @eyoyousa.com To help you solve the problem
Scanner can scan the barcode, but the barcode can not be sent to my computer.	The USB cable is broken	Contact support @eyoyousa.com

Restore Factory Defaults Setting

During usage, if you scan other set-up barcodes by mistake and the scanning cannot perform as normal way, you can scan the "Reset Configuration to Defaults" barcode to revert.

Reset Configuration to Defaults

Keyboard Language Setting

Different national languages correspond to the keyboard keys arrangement, symbols, etc. are different, the barcode scanner can be virtual according to the actual needs of different countries keyboard.

English

Germany

French

Spanish

Italian

Japanese

Communication Mode

when the product is set to USB virtual serial port, the host needs to install the corresponding driver.
Default communication mode: USB-HID mode, HID-KBW. mode

* USB-HID mode

*USB virtual serial port mode

HID equipment selection

*HID-KBW

*HID-POS

Beep Setting

Scan one of the following barcode to select the decoding beep & Vibration mode

turn off the sound

turn on the sound

End Character Setting

The end character is used to mark the end of a complete data message. The suffix of end character must be the last content of a data transmit, then there will be no additional data.

By default, the scanner is sending a 'carriage return' after scanning a code (the same as pressing the 'enter' key) .

Add CR*

Add CR+LF

Add TAB

None

Scanning Mode Setting

The user can set the reading mode of the barcode reader according to the needs. The default state is the "Manual Trigger Mode "

Manual Trigger mode :
In this Manual Trigger Mode , the barcode reader starts reading after pressing the trigger button, and the barcode reader stops reading after successfully reading or unlocking the trigger button.
** ** Scan the following code to set the scanner to manual Trigger mode.

manual Trigger mode

Self-sensing scanning mode off :

** ** Scan the following code to set the scanner to self-sensing scanning mode.

self-sensing scanning mode

Continuous Scan Mode：
** ** Scan the following code to set the scanner to Continuous Scan Mode mode.

Continuous Scan Mode

Bar Code Parameter Settings

Each type of barcode has its own unique properties,Through the setting code of this chapter, you can adjust the barcode reader to adapt to these property changes.The fewer types of barcodes that are enabled to enable reading, the faster the barcode reads. You can disable barcode scanners from reading barcode types that will not be used, to improve the performance of the barcode scanner.

UPC-A

Eanble UPC-A*

Disable UPC-A

UPCA Check Digit

Enable Check Digit

Disable Check Digit*

UPCA to EAN 13

Enable UPCA to EAN 13

Disable UPCA to EAN 13*

UPC-E

Enable UPC-E*

Disable UPC-E

UPCE Check Digit

Enable Check Digit

Disable Check Digit*

EAN/JAN-8

Enable EAN/JAN-8*

Disable EAN/JAN -8

EAN/JAN -13

Enable EAN/JAN -13*

Disable EAN/JAN -13

UPC/EAN/JAN Additional code:

Ignore UPC/EAN/JAN
additional code*

Decode UPC/EAN/JAN
additional code

Code 128

Enable Code 128*

Disable Code 128

Code 39

Enable Code 39*

Disable Code 39

Code 39 Length setting:

Code 39 minimum
length(0 bits)

Code 39 maximum
length(255 bits)

Code 39 Full ASCII

Enable Code 39 Full ASCII

Disable Code 39 Full ASCII *

Code 93

Enable Code 93*

Disable Code 93

Code 11

Enable Code 11

Disable Code 11*

Interleaved 2 of 5 (ITF25)

Enable Interleaved 2 of 5

Disable Interleaved 2 of 5*

Interleaved 2 of 5 length limited setting

Interleaved 2 of 5 minimum
length(0 bits)

IInterleaved 2 of 5 maximum
length(255 bits)

Industrial 2 of 5

Enable Industrial 2 of 5

Disable Industrial 2 of 5*

Industrial 2 of 5 length limited setting

Industrial 25 minimum
length(0 bits)

Industrial 25 maximum
length(255 bits)

Matrix 2 of 5 (4-24 bits)

Enable Matrix 2 of 5)

Disable Matrix 2 of 5

Matrix 2 of 5 length limited setting

Matrix 2 of 5 minimum
length(0 bits)

Matrix 2 of 5 maximum
length(255 bits)

Codabar

Enable Codabar*

Enable Codabar*

MSI

Enable MSI

Enable MSI*

GS1 DataBar （RSS14）

Enable GS1 DataBar

Disable GS1 DataBar

GS1 DataBar Limited

Enable GS1 DataBar Limited

EDisable GS1 DataBar Limited

GS1 DataBar Expanded

Enable GS1 DataBar Expanded

Disable GS1 DataBar Expanded

QR Code

Enable QR

Disable QR

Data Matrix

Enable Data Matrix

Disable Data Matrix

PDF417

Enable PDF417

Disable PDF417

Inversed barcode

Only normal barcode

Only inverse barcode

Add prefix and suffix

The scanner permit 32 bytes at most to be add at the beginning or the end of the scanned barcode.

Step 1:

Select the appropriate bar code to scan according to the requirements, and set the prefix and suffix to add.

Add Prefix

Add Suffix

Step 2:

Scan the code corresponding to the value in the Appendix A

Add prefix and suffix

character	2D Setup Code	character	2D Setup Code
SOH		STX	
EOT		NUL	
ENQ		ETX	
ACK		BEL	
Back space		HT	
LF		VT	
FF		CR	

character	2D Setup Code	character	2D Setup Code
SO		SI	
DLE		DC1	
DC2		DC3	
DC4		NAK	
SYN		ETB	
CAN		EM	
SUB		ESC	

character	2D Setup Code	character	2D Setup Code
FS		GS	
RS		US	
SP		!	
"		#	
$		%	
&		'	
(		)	

character	2D Setup Code	character	2D Setup Code
*		+	
,		-	
.		/	
0		1	
2		3	
4		5	
6		7	

character	2D Setup Code	character	2D Setup Code
8		9	
:		;	
<		#	
>		?	
@		A	
B		C	
D		E	

character	2D Setup Code	character	2D Setup Code
F		G	
H		I	
J		K	
L		M	
N		O	
P		Q	
R		S	

character	2D Setup Code	character	2D Setup Code
T		U	
V		W	
X		Y	
Z		[	
\		]	
^		_	
'		a	

character	2D Setup Code	character	2D Setup Code
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		{	
|		}	
~		DEL	