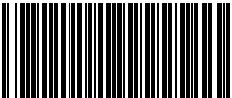


Imager Wireless Barcode Scanner User Manual



7 1 2 2 3 7 0 0 0 1

V:W1611

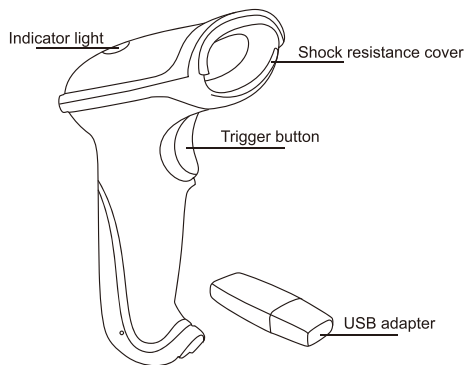
Dear user ,thank for choosing our company's product to have a better
operating
Experience ,please read this manual carefully

Packing list

- | | |
|---------------------------|----------------------|
| Barcode scanner | QC certification |
| USB cable /charging cable | Warranty card |
| User Manual | Power plug(optional) |
| adapter | |

Recognize wireless barcode scanner

Housing design description



Technical parameters

Performance parameters

interface	USBwired /wireless
transmission distance	2.4G 30m /433MHZ 100-200m
Light source	Red LED(Aiming) +White LED(Lighting)
storage	2M(can be customized)
Decoding capability	Codabar,Code11,Code39/Code93,UPC/EAN,Code128/ EAN128,InterLeaved2of5,Matrix2of5,MSI CODE, Standard2of5, QR CODE
resolution	Code39 5mil, QR 8.7mil,PCS45%
Depth of field	5MIL CODE39: 5--12 CM 15MIL CODE39 : 4--25 CM 10MIL CODE93 : 4--21 CM 15MIL UPC/EAN: 4--25 CM 20MIL QR : 4--25 CM
Decoding speed	200scans/s
Error rate	1/500million
Trigger mode	Manual trigger ,automatic
Scanning area	5 * 5 cm ² -- 30 * 30 cm ²
Indicator mode	beeper,indicator light(LED)
Printing Contrast	Not less than35%
Scan angles	Roll 0-360°、pitch±65°、yaw±60°

Physical parameters

material	ABS+PC+PVC
Power supply	DC 5V ±5%
Power	245mA(operating),317mA(MAX)
battery	3.7V 1500MAH
Charging time	3.5hours
weight	170g±5g

Environment parameters

IP grade	IP 54
Operating Temperature	0 to 50 °C / 32 to 122 °F
Storage Temperature	0 to 50 °C / 32 to 122 °F
Operating Humidity	5 - 95% (Non-condensing)
Storage Humidity	5 - 95% (Non-condensing)
ESD Protection	15KV air discharge
Shock Resistance	Design to fall from 1.5 meters height from concrete surface

How to use

Power on

Press the button ,the scanner will beep two times and indicator light is on ,Power on successful

Power off

The system default shutdown time is 20 seconds, 20 seconds no operation, will issue a long sounding, the system automatically shut down,
At the same time indicator light off

Paring



(one key paring)

remark:

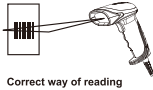
after plugging the adapter ,scan the one key paring barcode in 10 seconds
,if not ,need to replug the adapter

Charging

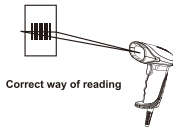
please connect the charging cable to the bottom of the scanner and connect the charger to the power socket ,Charging tiem will be 2-3 hours ,after fully charged ,the scanner can work 4-8 hours continuously

Reading Angle

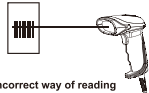
- 1、 maintain a bevel between the scanner and the barcode to make a best reading;
- 2、 the scanner must aim at the barcode and the beam must cover the whold barcode ,if don't ,error maybe occur



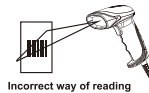
Correct way of reading



Correct way of reading



Incorrect way of reading



Incorrect way of reading

notice:

- 1.the wireless barcode scanner are set well before delivery it can be used directly ,Please do not scan the barcodes in the manual optionally to test the scanner.In case of the scanning the setting barcodes and abnormal condition occurs ,please scan the 'initialization setting ',barcode and serial mode or 57600bps barcodes in the manual to reset the scanner to the default setting
- 2.Please connect the adapter to the fixed computer USB interface ,do no plug in or pull out the adapter frequently in order to help improving the working efficiency and avoid man-made damage

Reset the factory default settings

To reset factory default settings, scan the following bar codes in turn.



Initialization setting



Serial mode



57600bps

Wired and wireless mode switchover

If need to switch to wired mode please scan USB PC keyboard .



USB PC keyboard

If need to switch back to wireless mode , please scan Serial mode and 57600bps in turn.



Serial mode



57600bps

LED indicatar & beeper

Indicator light color	Instruction
Green light and will be off soon	reading successfully and comes a short beep
Red light always on	Charging (red light will be off when fully charged)
Beep sound	Instruction
A shout beep	Reading successfully
A long beep	Auto shut down and enter into sleep mode
Two short beep	Power on
Three short beep	Fail to upload data ,please pair again
Three long beep	Low power ,please charge

Scanning Mode Setup

Setup Instruction:

- 1.Normal mode means real-time transmission. Scan 'Normal Mode' bar code, the scanner will be in real-time transmission.
- 2.In inventory mode, the scanner will save the bar code it reads. When need to upload the data to computer, scan 'Data Upload' bar code.
- 3.Scan 'Total Number of Data' bar code, the computer will show how many bar codes the scanner reads under inventory mode.
- 4.Scan 'clear data' bar code means clear all the bar codes being read under inventory mode.



Normal Mode



Inventory Mode



Non-volatile Mode



Upload Data



Total Number of Data



Clear Data (scan with caution)

Sleep Time Setting

Setup Instruction:

1. Scan 'Sleep Time' bar code.
2. Scan the time you want to set.



Sleep Time



20 seconds



60 seconds



5 minutes



20 minutes



30 seconds



2 minutes



10 minutes



no sleep

Language Selection



America (default)



France



Russia



Germany



Italy

Successful Reading Beep Sound

The scanner forbids the successful reading prompt sound if scan the 'Beep Sound / Off' code. It restore the sound if scan the 'Beep Sound / On' code.



*Beep Sound / On



Beep Sound / Off

Shutdown/Default value/Version information



Shutdown



Software Version



Default value



Hardware Version

Aiming Setting

The light beam that shot by the scanner can help user to find the best reading distance. User can choose any of the modes below according to the operation environment.

Normal mode: Light beam appears when pressing the button.

Always on: Light beam always appear when the scanner is electrified.

No aiming: Light beam won't appear in any situation.



*Normal mode



Always on



No aiming

LED Light Setting

The LED light will offer auxiliary lighting for reading. When the light beam shoots on the target object, it can improve the decoding performance and the adaptability of weak ambient light. User can set the scanner into any of the modes below according to the operation environment.

Normal mode: LED light is on when pressing the button and off at other time.

Always on: LED light is always on when the scanner is electrified.

No LED light: LED light won't be on in any situation.



*Normal mode



Always on



No LED light

Suffix Setting



*No Suffix



CR Suffix



TAB Suffix



CRLF Suffix

Scanning Mode Setting



*Manual trigger



Continue scanning



Auto Sensing

Reading Interval Time Setting

This function means, after the scanner reads successfully and output data, or timeout for one reading, the scanner will get into decoding mode again in a period time (time can be set).



No interval



500ms



*1000ms



1500ms



2000ms

Single Scan Duration Setting

This function is to set the longest duration of scanner decoding before reading successfully in auto sensing mode. When the scanner reads successfully or single scan overtime, it stops reading for a period time. This setting is just based on auto sensing mode.



1000ms



3000ms



*5000ms



No duration

Image Stable Time Setting

This function is to set the time of image stabilization before reading, when the operation environment changes in auto sensing mode.



100ms



*400ms



1000ms



2000ms

Wired transfer language setting



*America English



Czech Republic



France
(French)



*Germany
(German)



Hungary
(Hungarian)



Italy
(Italian 142)



*Japan Japanese



Spain
(Spanish)

Version Information

In order to let the PC read the unit version information, it can confirm the message by scan the following bar code as below.



Version Information

Available Bar Code Type / Forbidden Configuration

All Decoding Bar Code

The Scanner allows reading or forbids reading all the supporting bar code if scan the following setting bar codes. It only allow to read the setting codes after scanner the forbidden code.



Allow reading all
the bar code types



Forbid reading all
the bar code types



*Default Type / On

Bar Code Rotating Function

Scan the following bar codes to set the scanner allow or forbid reading the 360° rotating bar code.

It can improve the scanning speed if forbid the 360° rotate function.



*Allow 360° rotate reading



Forbid 360° rotate reading

EAN13

Scan the following bar codes to set the scanner allow or forbid reading the EAN13 codes.



*Allow



Forbidden

EAN8

Scan the following bar codes to set the scanner allow or forbid reading the EAN8 codes.



*Allow



Forbidden

UPCA

Scan the following bar codes to set the scanner allow or forbid reading the UPCA codes.



*Allow



Forbidden

UPCE0

Scan the following bar codes to set the scanner allow or forbids reading the UPCE0 codes.



*Allow



Forbidden

UPCE1

Scan the following bar codes to set the scanner allow or forbid reading the UPEI codes.



*Allow



Forbidden

Code128

Scan the following bar codes to set the scanner allow or forbid reading the code 128.



*Allow



Forbidden

Scan the following bar codes to setting the shortest reading length for the code 128.



Code 128 Info shortest length '0'



Code 128 Info shortest length '4'

Scan the following bar codes to setting the longest reading length for the code 128.



*Code 128 Info longest length '32'



Code 128 Info longest length '255'

Code39

Scan the following bar codes to set the scanner allow or forbid reading the code 39.



*Allow



Forbidden

Scan the following bar codes to setting the shortest reading length for the code 39.



Code 39 Info shortest length '0'



*Code 39 Info shortest length '4'

Scan the following bar codes to setting the longest reading length for the code 39.



*Code 39 Info longest length '32'



Code 39 Info longest length '255'

Code93

Scan the following bar codes to set the scanner allow or forbid reading the code 93.



*Allow



Forbidden

Scan the following bar codes to set the shortest reading length for the code 93.



Code 93 Info shortest length '0'



*Code 93 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the code 93.



*Code 93 Info longest length '32'



Code 93 Info longest length '255'

CodeBar

Scan the following bar codes to set the scanner allow or forbid reading the codebar.



*Allow



Forbidden

Scan the following bar codes to set allow or forbid sending the prefix character for CodeBar.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the codebar.



CodeBar Info shortest length '0'



*CodeBar Info shortest length '4'

Scan the following bar codes to set the longest reading length for the codebar.



*CodeBar Info longest length '32'



CodeBar Info longest length '255'

QR

Scan the following bar codes to set the scanner allow or forbid reading the QR Code.



*Allow



Forbidden

Interleaved 2 of 5

Scan the following bar codes to set the scanner allow or forbid reading the Interleaved 2 of 5 code.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Interleaved 2 of 5.



Interleaved 2 of 5 Info
shortest length '0'



* Interleaved 2 of 5 Info
shortest length '4'

Scan the following bar codes to set the longest reading length for the Interleaved 2 of 5.



*Interleaved 2 of 5 Info
longest length '32'



Interleaved 2 of 5 Info
longest length '255'

Industrial 25

Scan the following bar codes to set the scanner allow or forbid reading the Industry 25.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Industry 25.



Industry 25 Info shortest length '0'



* Industry 25 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the Industry 25.



*Industry 25 Info longest length '32'



Industry 25 Info longest length '255'

Matrix 2 of 5

Scan the following bar codes to set the scanner allow or forbid reading the Matrix 2 of 5.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Matrix 2 of 5.



Matrix 2 of 5 Info shortest length '0'



* Matrix 2 of 5 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the Matrix 2 of 5.



*Matrix 2 of 5 Info longest length '32'



Matrix 2 of 5 Info longest length '255'

Code11

Scan the following bar codes to set the scanner allow or forbid reading the Code 11.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Code 11.



Code 11 Info shortest length '0'



*Code 11 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the Code 11.



*Code 11 Info longest length '32'



Code 11 Info longest length '255'

MSI

Scan the following bar codes to set the scanner allow or forbid reading the MSI.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the MSI.



MSI Info shortest length '0'



*MSI Info shortest length '4'

Scan the following bar codes to set the longest reading length for the MSI.



*MSI Info longest length '32'



MSI Info longest length '255'

RSS (optional)

Scan the following bar codes to set the scanner allow or forbid reading the RSS-14.



Allow



*Forbidden

Scan the following bar codes to set the scanner allow or forbid reading the limitative RSS.



Allow



*Forbidden

Scan the following bar codes to set the scanner allow or forbid reading the expanding RSS.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the RSS.



RSS Info shortest length '0'



*RSS Info shortest length '4'

Scan the following bar codes to set the longest reading length for the RSS.



*RSS Info longest length '32'



RSS Info longest length '255'

DM (optional)

Scan the following bar codes to set the scanner allow or forbid reading the DM.



*Allow



Forbidden

PDF417 (optional)

Scan the following bar codes to set the scanner allow or forbid reading the PDF417.



*Allow



Forbidden

Warranty Card

1. Customers can enjoy the legal rights using the purchase invoice and the warranty card without doing any return 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.
-

[illegible]