Manuals+ — User Manuals Simplified.

iiMER W7 Barcode Scanner User Guide

Contents

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IMPORTANT NOTICE

Safety Precaution

- DO NOT disassemble the scanner, or place foreign matter into the scanner in case of a short circuit or circuit damage.
- DO NOT expose the scanner or battery to any flammable sources.
- When power off, the dust can be wiped out of the body of the scanner with a clean wet cloth.

CAUTION! Class 2 laser scanners use a low power, visible light diode. As with any very bright light source such as the sun, the user should avoid staring directly into the light beam.
LASER LIGHT – DO NOT STARE INTO BEAM.
LASER LIGHT-DO NOT STARE INTO BEAM.

- CLASS 2 LASER PRODUCT.LASERLIGHT-NICHT IN DEN
- STRAHL BLICKEN.LASER KLASSE 2.
- LUMIÈRE LASER-NE PAS REGARDER DANS LE FAISCEAU.
- APPAREIL À LASER DE CLASSE 2 630-680mm,1m/W

Product Specification

Physical	
Material	PC
Voltage	DC 5V
Battery	3.7V 2000mAh 18650 lithium battery

Performance Specs	
Processor frequency	600MHZ
LED	Red LED focus + White LED lighting
Memory Flash(usable)	2M
Bluetooth Effective Distance	25m
Supported Barcode Types	1D: EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, SBN, ISSN, GS1 Databar, GS1 Composite Code, Code 11, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5 2D: QR, Data Matrix, PDF417, Micro PDF417, Aztec, Micro QR Code, Maxicode
Resolution	≥7mils
Scan Angle	Pitch: ±55 degree Roll: ±180 degree Yaw: ±55 degree
Print Contrast (Minimum)	20%
Supported Keyboards	en-US, es-ES
System Compatibility	POS, iOS, Android, Windows, Mac OS, Linux

Charge

The scanner enters low-battery mode after long-beeping for 3 times, which means it requires charging.
The required voltage for charging the scanner is 5V, and current below 1000mA. Current controller chip is set inside the scanner to filter excessive current – for any current above 1000mA, it filters the excessive current and inputs 1000mA for charging. As long as the charging voltage is at 5V, the scanner should function without issue. You can charge the scanner with a regular phone charger for the voltage output of a regular phone charger, or a laptop USB port is also 5V.

Connect

USB Cable Mode

When connected via cable, data transmission through USB cable is preferred, the scanner uses USB-HID mode by default. The following operating systems support the scanner through USB:

- Windows XP, 7, 8,10
- MacOS 8.5-MacOS 11
- Linux
- The scanner also interfaces with other USB hosts that support USB Human Interface Devices (HID)
- The scanners can also be switched between USB HID Mode and Virtual COM Port Mode. To switch the
  modes, Scan the following QR codes:

USB HID (default)

USB COM
(Virtual COM Port)

Wireless Bluetooth Mode (HID)

For QR code scanners with Bluetooth only. Enables the host and scanner to communicate using the HID Keyboard Profile over Bluetooth Classic radio. To establish a connection:

1. Scan the QR code below:

Bluetooth Mode

2. From the host, e.g., PC, Mac, cellphone or tablet, discover Bluetooth devices and select your scanner from the discovered device list.

   Windows 7/8/8.1: Click Control Panel -> Add Devices

   Windows 10: Click Setting->Devices -> Bluetooth

   MacOS: Click System Preference -> Bluetooth

   iOS: Click Setting -> Bluetooth

   Android: Click Setting -> Bluetooth

3. Wait for a few seconds, "ZIMMER **" will be shown in the list of available devices. Choose it to pair, they will pair successfully with a beep.

Note: The scanner attempts to reconnect to the last known device automatically. If it fails, pair them again.

Wireless 2.4GHz Dongle Mode

For QR code scanners with USB dongle only. To establish a connection:

1. Scan the QR code below:

USB Dongle Mode

2. Insert the dongle into a host device. The following operating systems support the scanner through 2.4GHz dongle:
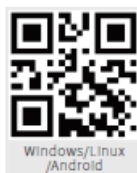
   Windows XP, 7, 8,10

MacOS 8.5-MacOS 11

Linux

The scanner also interfaces with other USB hosts that support USB Human Interface Devices (HID)

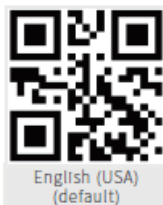## Set up Keyboard

MacOS / iOS Mode

The scanner works in Windows/Linux/Android mode by default, but it is also compatible with iOS and MacOS. To switch between MacOS/iOS Mode and Windows/Linux/Android Mode, scan the following QR codes in order:

MacOS/IOS

Windows/Linux
/Android

Note: When connected with iPhone / iPad, virtual keyboard would be hidden automatically. To pop out the virtual keyboard, you can long press the Scan button during scanning, and long press it again to hide the keyboard.

Set up Language

The scanner supports two international keyboards: US UN (as default), Spanish. To change the keyboard, scan the corresponding QR code below:

English (USA)
(default)

Spanish

Important: Make sure that the keyboard language of the scanner is consistent with that of the computer, otherwise, garbled codes may appear in the scan results.

Decoding Setting

Four kinds of decoding modes are supported by our Barcode Scanner. You can choose the mode according to the types and speed of decoding. Check them in list below:

Common Mode (default)	Extended Mode	All Codes Mode		Manual Mode
QR	All barcodes in Common Mode	All barcodes in Extended Mode		
EAN	PDF417	Maxicode		
UPC	Micro PDF417	CODABLOCK-F		
Code 128	Data Matrix	Code 11		
Code 39	GS1 DataBar	MSI		Enable / disable the barcode manually. please refer to the more detailed instruction on ourofficialwebsite bythislink: **www.iimmer.com/instruction** /barcodescanner
Code 93	Aztec	HK25		
Codabar		Telepen		
		2 of 5 bar codes	Matrix 2 of 5,IATA 2 of 5, Interleaved 2 of 5,Industrial 2 of 5 ,ITF-14	

Common Mode   Extended Mode   All Codes Mode

Commonly Used Suffixes

The scanner supports prefixes and suffixes, please refer to the more detailed instruction on our official website by this link: www.iimmer.com/instruc-tion/barcodescanner. Some commonly used suffixes are specifically listed below:

Enter   Tab   CR+LF   Delete all suffixes

Reset The Scanner

If you need to reset the scanner, scan the following QR code:

Reset The Scanner

Indications

The built-in beeper and LED indicators show information about the current operation status.
Beeper

Beeping	Meaning
Two short beeps	Scanner turned on / off
Three long beeps	Low battery, requires charging
One short beep	A barcode is successfully read. Successful Bluetooth / adapter reconnection
Long beep for 0.5s	Pairing failed (occurs only during the pairing process)
Three short beeps	Setting error (on setup status)
Two long beeps	Scanner reset successfully

LED indicator
The LED indicators on top show more about the current operation status.

Indicator Color	Meaning
Orange LED stays on	Scanner in charge (orange LED off when battery is full)
All LEDs off	The scanner is on and ready to scan, or no power to the scanner
Blue LED flashes once	Barcode successfully read and uploaded
Blue LED blinks	Bluetooth / adapter is waiting for connection
Blue LED stays on	Scanner is on and ready to scan
Red LED blinks	Low battery

Other Basic Settings

For other basic settings, such as enable/disable barcodes types, add prefix or suffix, please refer to the more detailed instruction on our official website by this link: **www.iimmer.com/instruction/barcodescanner**

Federal Communications Commission (FCC) Statement. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received,
including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide Reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by Guangzhou Yinmo Keji Youxiangongsi may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The transmitter must not be collocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. The installation and use of this equipment are not restricted.

Documents / Resources

	iiMER W7 Barcode Scanner [pdf] User Guide W7, 2A39H-W7, 2A39HW7, W7 Barcode Scanner, Barcode Scanner, Scanner