

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.

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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 2 630-680nm,1m/W
激光辐射 勿直视光束2类激光产品



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:



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:
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, “IIMMER **” 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:
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:



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:



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 | |
| Code 93 | Aztec | HK25 | |
| Codabar | | Telepen | |
| | 2 of 5 barcodes | Matrix 2 of 5, JATA 2 of 5, Interleaved 2 of 5, Industrial 2 of 5, ITF-14 | |

Enable/disable the barcode manually, please refer to the more detailed instruction on our official website by this link: www.iimmer.com/instruction/barcodescanner



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/instruction/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 barcode types, add prefix or suffix, please refer to the more detailed instruction on our official website by this link: www.iimmer.com/instruction/barcodescanner



Barcode Scanner Product User Guide

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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 colocated 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.