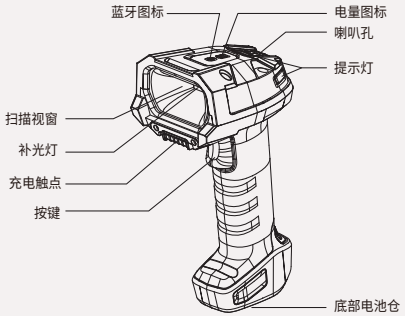
二维码扫描器

快速使用指南

2D

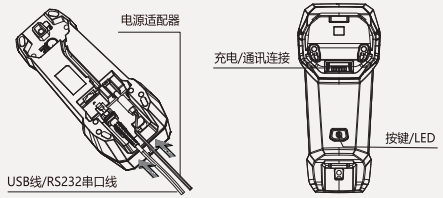
版本号:V1.0

1 扫描器概述

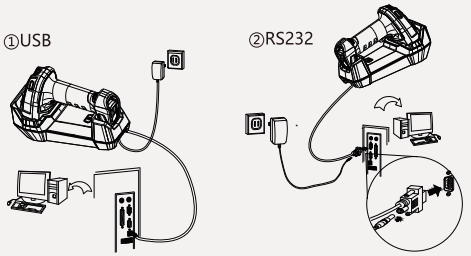


注释：产品外观以实物为准，图片仅供参考。

2 底座连接方法



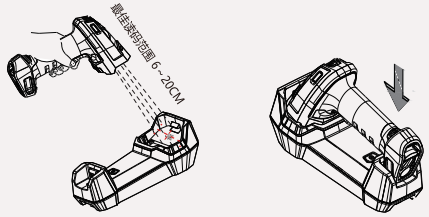
3 连接主机接口方法



4 开机/蓝牙连接方法

长按扫描器按键开机，蓝牙连接方法有两种：

方法一：扫描器扫描底座条码进行蓝牙连接　　方法二：扫描器插入底座进行蓝牙连接



注释：激光中心需对准条码中心。

5 状态说明

[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	\
[illegible]	[illegible]	[illegible]	\
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
扫描器链接底座	\	\	[illegible]
[illegible]	\	[illegible]	[illegible]
[illegible]			
[illegible]	[illegible]	\	\
[illegible]	红灯常亮	\	\
[illegible]	[illegible]	\	\
[illegible]	[illegible]	\	\

6 异常现象处理方法

异常现象	故障原因	解决办法
扫描器长按按键无响应	扫描器电池电量耗尽	将扫描器插入底座上电一会再长按按键即可
扫描器扫描条码一直报警	扫描器未连接蓝牙	插入底座或扫描底座条码连接蓝牙
	底座处于底座批处理模式，且关闭了相同条码重复存储	扫描设置为不批处理模式或开启相同条码重复存储
底座上电无响应	只使用USB数据线连接底座，电源电压可能不足(USB数据接口)	将配套的电源适配器接入底座
	RS232串口线未按"连接主机接口方法"连接(RS232串口)	对照"连接主机接口方法"检查是否连接好RS232串口线
扫描器数据无上传	扫描器通讯方式为USB CDC通信(USB数据接口)	扫描设置为USB HID通信
	扫描器处于底座批处理模式	扫描设置为不批处理或离线批处理模式
	串口传输数据时，主机需要有相应的串口调试软件收发数据(RS232串口)	使用相应的串口调试软件收发数据

功能设置

设置流程

1 扫描"启动设置"条码

ENTERSE1
启动设置

2 扫描功能条码
(可扫描多条)
例如
设置"通讯方式"功能

VISUALSP
USB CDC通信

3 扫描"关闭设置"条码

EXITSET0
关闭设置

注释：1、所有功能设置都需要先扫描启动设置条码进入设置。
2、 * 为默认设置。

1 关机设置

对扫描器长时间不进行操作可设置关机或者设置若干分钟后进入关机，则根据需要扫描所需功能的对应条码即可。

扫描器无操作后5分钟、10分钟、30分钟、永不关机

SHUTDOWN
扫描器关机

AUTOOFF5
*5分钟

AUTOFF10
10分钟

AUTOFF30
30分钟

AUTOOFF1
永不关机

2 恢复出厂设置

如果您忘记了之前对扫描器/底座做过任何设置，或者您有更改了一些选项并希望对扫描器/底座恢复到出厂默认设置，则根据需要扫描所需功能的对应条码即可。

DEFAULT1
扫描器恢复出厂默认

BASFDEFT
底座恢复出厂默认

3 通讯方式设置

若要改变扫描器的通讯方式，则根据需要扫描所需功能对应的条码即可。

VISUALSP
USB CDC通信

USBOUTPU
*USB HID通信

4 识读模式设置

若要改变扫描器的识读模式，则根据需要扫描所需功能的对应条码即可。

MANUALM1
*手动识读模式

CONTREAD
连续识读模式

手动识读模式：按下扫描器按键后开始读码，在解码成功或松开按键或解码超时后停止识读。
连续识读模式：按下扫描器按键后开始连续解码，再次按下按键后停止识读。

5 语音播报设置

若需开启或关闭解码成功语音播报，则根据需要扫描所需功能的对应条码即可。

SPEECH01
*开启智能语音播报

SPEECH00
关闭智能语音播报

若需要调节喇叭音量，则根据需要扫描所需功能的对应条码即可。

VOLUMEO 1
喇叭音量1

VOLUMEO 2
喇叭音量2

VOLUMEO 3
*喇叭音量3

VOLUMEO 4
喇叭音量4

VOLUMEO 5
喇叭音量5

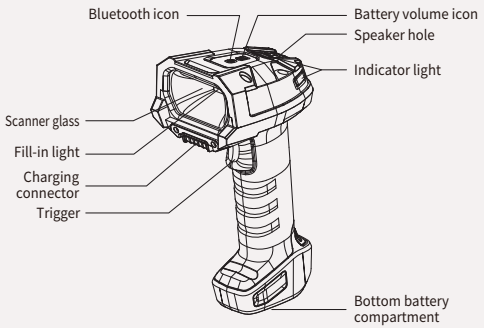
合格证
QA
检验合格 准予出厂
PASS

2D BARCODE SCANNER

QUICK START GUIDE

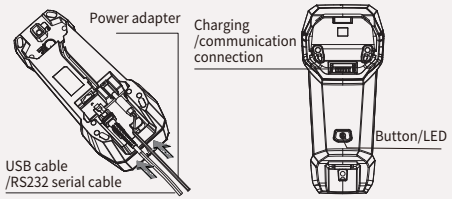
Version：V1.0

1 Scanner Overview

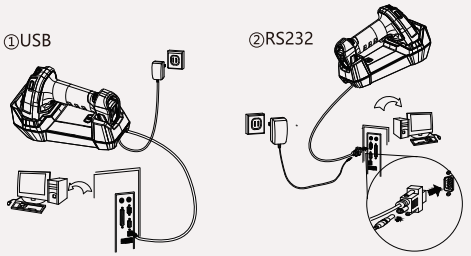


Note: Product appearance is subject to actual item, the picture is for reference only.

2 How to connect the base



3 How to connect the host interface

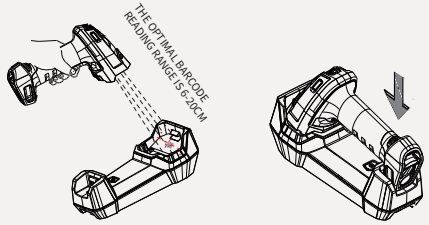


4 How to start up the device/connect Bluetooth

Long press to start up the device, there are two methods to connect Bluetooth

Method 1: Use scanner to scan the barcode on the base to connect Bluetooth

Method 2: Place the scanner onto the base to connect Bluetooth



Note: The laser center needs to be aligned with the barcode center

5 Status Instruction

Description	LED indicator light	Alert sound	Vibration
Scanner			
Start up	The Bluetooth and battery volume icons stay on (to display the current status)	The speaker emits a single alert tone	Vibrate
Bluetooth connected	Bluetooth icon, constant blue	No alert by default	\
Bluetooth disconnected	Bluetooth icon, constant red	No alert by default	\
Decoding succeeded	Flashing green	The speaker emits a single alert tone	No alert by default
Transmission failed	Flashing green	The speaker alerts	Vibrate
The scanner connects to the base	\	\	Vibrate
The base is locating the scanner	\	Hi, i' m here	Vibrate
Base			
Bluetooth connected	Constant green	\	\
Bluetooth disconnected	Constant red	\	\
The scanner connects to the base	Constant green and red	\	\
The base is locating the scanner	Flashing green and red	\	\

6 Troubleshooting

Problem	Cause	Solution
No response after long press the scanner	The scanner runs out of battery	Place the scanner onto the base to charge for a while, then long press to start up
The scanner keeps alerting while scanning barcode	The scanner haven' t connected to Bluetooth	Place the scanner onto the base to connect Bluetooth
	The base is in batch processing mode, and "same barcode will be stored repeatedly" has been disabled	Set scanner as non-batch processing mode, or enable "same barcode will be stored repeatedly"
No response when charging the base	The power voltage might be insufficient while only using USB cable to connect to the base (USB data interface)	Connect the matched power adapter to the base
	The RS232 serial cable doesn' t connect per "How to connect the host interface" (RS232 serial port)	Check the connection of RS232 serial port per "How to connect the host interface"
The data scanned can' t be uploaded	The communication method of scanner is USB CDC communication (USB data interface)	Set scanning as USB HID communication
	The scanner is in base batch processing mode	Set scanning as non-batch processing or offline batch processing
	When transmitting the data through serial port, the host need corresponding serialport debugging software to send and receive data (RS232 serial port)	Use corresponding serial port debugging software to send and receive data

Functional Settings

Setting Procedure

1 Scan "Enter settings" barcode

ENTERSE1
Enter settings

2 Scan functional barcode (able to scan multiple codes)

For example
Set "Communication method" function

VISUALSP
USB CDC communication

3 Scan "Exit settings" barcode

EXITSET0
Exit settings

Note: 1. All functional settings require scanning the "Enter Settings" barcode to start up the settings.
2. * means default settings

1 Shutdown settings

To shut down the scanner after a long period of inactivity or to enter shutdown mode after a certain number of minutes, simply scan the corresponding barcode for the desired function as needed.

After 5 minutes, 10 minutes, 30 minutes of inactivity, or never shut down

SHUTDOWN	AUTOOFF5	AUTOFF10	AUTOFF30	AUTOOFF1
Shut down the scanner	*5 minutes	10 minutes	30 minutes	Never shut down

2 Restore to factory default settings

If you have forgotten any previous settings made to the scanner/base or if you have made changes to some options and wish to restore the scanner /base to factory default settings, simply scan the corresponding barcode for the desired function.

DEFAULT1
Restore scanner to factory default settings

BASFDEFT
Restore base to factory default settings

3 Communication method settings

If you want to change the communication method, simply scan the corresponding barcode for the desired function.

VISUALSP
USB CDC communication

USBOUTPU
*USB HID communication

4 Reading mode settings

If you want to change the reading mode, simply scan the corresponding barcode for the desired function.

MANUALM1
*Manual reading mode

CONTREAD
Continuous reading mode

Manual reading mode: Press the trigger to start reading barcodes, The reading will terminate when the decoding is succeeded, the trigger is released, or decoding times out.
Continuous reading mode: Press the trigger to start reading barcodes continuously, press the trigger again to stop reading.

5 Alert sound broadcasting settings

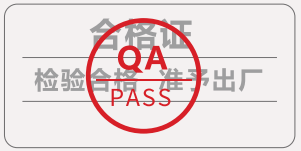
If you want to enable/disable the alert sound broadcasting after the decoding is succeeded, simply scan the corresponding barcode for the desired function.

SPEECH01
Enable smart alert sound broadcasting

SPEECH00
Disable smart alert sound broadcasting

If you need to adjust the volume of the speaker, simply scan the corresponding barcode for the desired function.

VOLUMEO 1	VOLUMEO 2	VOLUMEO 3	VOLUMEO 4	VOLUMEO 5
Speaker volume 1	Speaker volume 2	*Speaker volume 3	Speaker volume 4	Speaker volume 5



FCC statements:

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

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.

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

Operation Frequency	Max. EIRP	Model
Bluetooth: 2402 MHz ~ 2480 MHz	9.48dBm	iData J20-BT
Bluetooth: 2402 MHz ~ 2480 MHz	9.60 dBm	TZ20

CE statements:

The adapter shall be installed near the equipment and shall be easily accessible.
Do not use the device in the environment at too high or too low temperature,
never expose the device under strong sunshine or too wet environment.
The suitable temperature for the product and accessories is 0°C-45°C.

Warning:- replacement of a battery with an incorrect type that can defeat a safeguard;
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

This product can be used across EU member states.

Declaration of Conformity Hereby, Wuxi iData Technology Company Ltd. declares that the device is in compliance with directive 2014/53/EU. CE
RF exposure information: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

The full text of the EU declaration of conformity:

EU Declaration of Conformity

Number

iData_Barcode Scanner_inf Doc

Name and address of the Manufacturer

Wuxi iData Technology Co., Ltd.
Floor 11,Building B1,Wuxi Binhu National Sensing Information Center,No.999 Gaolang East Road,Wuxi, China

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

iData 200-BT is a Charging stand

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation

Directive RED: 2014/53/EU

and other Union harmonization legislation where applicable:

Directive RoHS: 2015/863/EU amending 2011/65/EU
Directive WEEE: 2012/19/EU

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared.

EN 50663:2017
EN IEC 62368-1:2020+A11:2020;
ETSI EN 300 328 V2.2.2 (2019-07);
ETSI EN 301 489-1 V2.2.3 (2019-11);
ETSI EN 301 489-17 V3.2.4 (2025-06);

The Notified Body	**Performed**
Phoenix	Applicable Modules: B+C

CE

This product can be used across EU member states.

Description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the DoC

Hardware version	V6
Software version	200_1_V
Antenna type	PIFA Antenna
USB Cable	60150-2406100(RS232)、60150-2510250(USB)
Adapter Type	FI-SW1260/42000UH Output 5V2A

Please note: In order to fix bugs or further enhance functionalities of your device, Chainway could release software updates after the launch of the product.
All software versions launched by Chainway are verified and compliant with EU regulations. All RF parameters (e.g. frequency range, output power) are not accessible to the end user, and thus cannot be changed or altered.

Signed for and on behalf of:

Shenzhen 2024.08.27
Place and date of issue

Zhihui Li, Manager
Name, Function, signature

EU Declaration of Conformity

Number

iData_Charging stand_inf Doc

Name and address of the Manufacturer

Wuxi iData Technology Co., Ltd.
Floor 11,Building B1,Wuxi Binhu National Sensing Information Center,No.999 Gaolang East Road,Wuxi, China

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

TZ20 is a Charging stand

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation

Directive RED: 2014/53/EU

and other Union harmonization legislation where applicable:

Directive RoHS: 2015/863/EU amending 2011/65/EU
Directive WEEE: 2012/19/EU

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ETSI EN 301 489-1 V2.2.3 (2019-11);
ETSI EN 301 489-17 V3.2.4 (2025-06);

The Notified Body	**Performed**
Phoenix	Applicable Modules: B+C

CE

This product can be used across EU member states.

Description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the DoC

Hardware version	V2
Software version	TZ20_V1
Antenna type	PIFA Antenna
USB Cable	60150-2406100(RS232)、60150-2510250(USB)
Adapter Type	FI-SW1240/42000UH Output 5V2A

Please note: In order to fix bugs or further enhance functionalities of your device, Chainway could release software updates after the launch of the product.
All software versions launched by Chainway are verified and compliant with EU regulations. All RF parameters (e.g. frequency range, output power) are not accessible to the end user, and thus cannot be changed or altered.

Signed for and on behalf of:

Shenzhen 2024.08.27
Place and date of issue

Zhihui Li, Manager
Name, Function, signature