Topwise

G2-B

Instruction manual

Wireless 2D Barcode Scanner

support@topwisesz.com

https://www.topwisesz.com/

Dear users, thank you for choosing our products. We are committed to providing you with high-quality items. To ensure the best experience with your new barcode scanner, please read this manual carefully before use.

Introduction

The universal handheld image 2D barcode scanner adopts the international advanced image transmission technology, with two-way communication instant error correction feedback, to complete a variety of commonly used one-dimensional codes and two-dimensional code reading. Equipped with auxiliary illumination, it can be used in different lighting environments and can also be used at night, which is highly applicable. 360 ° read barcodes in any direction, faster reading and more efficient operation, suitable for commercial POS systems, supermarkets, warehousing and logistics, books, banking, transportation, postal, and industrial, manufacturing production process management and other fields.
The setting code preceded with "**" is the default setting, not all functions of the product are listed in this manual, so please contact your supplier for more details. The rights used in this product, including the final interpretation right of this instruction manual are reserved by our company (The contents of this instruction manual are modified without notice).

Technical parameters

Battery capacity	2000mAh
Scan barcode category	1D,2D barcode
Minimum Resolution	1D ≥ 3mil 2D ≥ 5mil
Types of decoding	1D:EAN13, EAN 8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, Interleaved 2 of 5, Industrial 25, Matrix 2 of 5, Code11, CodaBar, MSI, RSS-14, RSS- Ltd, RSS- Exp, Standard 2 of 5, Plessey, ChinaPost 25, GS1 Composite 2D: QR Code, Data Matrix (DM), PDF417, Han Xin, Micro PDF417, Micro QRCode, MaxiCode, Aztec Code, Code16K
Operating temperature	Celsius -0°C ~ +50°C
Storage temperature	Celsius -0°C ~ +60°C
Operating humidity	5%-95% (non-condensing)
Prompt mode	Buzzer, LED
Scan mode	Key Trigger, Continuous
Seismic resistance	Pass the 1. 5-meter free fall test

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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

1. Product features

1.This product adopts CMOS camera module, which can identify 1D/2D code and screen code.
2.Reading distance up to 20cm, which can quickly read out the information in the bar code.
3.This product is equipped with an inventory function which can directly carry out some simple daily inventory work. All parameter settings can be completed by scanning the setting code and saved in the memory of the barcode scanner, the inventory content and parameter settings can still be retained after the power if turned off.
4.This product equipped with one-key pairing function, simple and fast to complete the pairing of transmit/receive (This product has been paired at the factory).
5.Long distance transmission, 100 meters transmission distance in open area (Indoor transmission distance about 20-30 meters according to different structure and environment).

2. Installation method of receiver

1.Plug the wireless receiver into the USB port of the computer.
2.Once plugged in, the system will automatically install the driver (if the driver installation fails, please unplug the receiver or restart your computer).
3.After the driver is installed, the receiver can transmit data with the paired scanner.

3. Bluetooth Connection (For Bluetooth version)

The Bluetooth name of the device is "BARCODE SCANNER", then click it to connect.

4. Turn on/off the configuration code setting

Factory reset

Software version

Allows all barcodes to be read

5. Interface settings

**USB HID

Virtual serial port

6. Commonly terminator setting

**CR

CR+LF

Tab

No terminator

7. Reading mode setting

**Key Trigger

Continuous

8. Wireless Function Setting

**Normal mode
(Instant data upload)

Inventory Mode
(Storage mode)

data lossless mode
(Instant data upload + Storage mode)

Data Upload

Total number of data
(Suitable for Inventory mode)

Clear Data
(Use with caution)

Note:

1. Normal Mode: the scan result will be uploaded to the computer in real time (Default mode).
2. Inventory Mode: the scan result will be stored in the internal memory in this mode (When the memory is full, the buzzer will "long beep" as a reminder).
3. Data lossless mode: the scan results will be uploaded to the computer in real time when there is a signal; and the scan result will be stored in the internal memory when the signal is weak or no signal, and it will be automatically uploaded to computer when it has signal.
4. Data Upload:Scan the barcode to upload the data stored in the internal memory to the computer in turn (Suit for inventory mode and

data lossless mode, please ensure the wireless signal is normal when uploading data, the buzzer will “beep” twice when the data is uploaded successfully, when the data is upload failure, the buzzer will “beep” 3 times).
5. Total number of data:Scanning this barcode will display the total number of stored data (suit for inventory mode).
6. Clear Data: Scan this barcode to clear all data in the internal memory.

9. Pairing Parameter Setting

1. Pairing setting code

One-click pairing

2.Pairing Method
Scan the“One-click pairing”setting code first,plug the receiver to the USB port of the computer after hearing the buzzer “beep” 3 times .(Note: After the pairing is successful, the scanner's buzzer will “beep” 3 times and disappear. Whole step will completed within 30 seconds.)

10. Sleep time setting

SET Sleep time

30s

**60s

2mins

5mins

10mins

20mins

No sleep time

Note:Scan“Set Sleep time”setting code first, then scan the setting code for the time you want to set.

11. Language settings

** United States

Belgium

Brazil

Canada

Croatia

Czech Republic

Slovakia

Denmark

Finland

France

Germany

Hungary

Italy

Latin America

Netherlands

Norway

Poland

Portugal

Serbia

Slovenia

Spain

Sweden

Swiss-French

Swiss-German

United Kingdom

Turkey-F

Turkey-Q

Japanese

Romanian

Greece

Hebrew

Russia

Universal keyboard

12. Inverse reading mode

Allows inverse reading

**Forbid inverse reading

13. Battery Indicator

Display remaining battery power

14. Buzzer settings

**The buzzer is on

The buzzer is off

15. Buzzer Prompt Tone

Wireless barcode scanner Buzzer prompt tone list

Buzzer prompt tone	Description
5 times	Low battery warning(Pls charge in time)
1 time	Normal startup, data upload, setting start/end
2 times	Inventory mode data upload completed
3 times	No signal, data upload failure

16. Fault Resolution

number	issue	Possible causes	solution
1	No response after pressing the power button	The scanner is out of battery	Make sure that the host is powered on and is turned on when using the USB port that is connected to the USB port of the computer.
		The interface cable connected incorrectly	Check if the cable connection is loose
2	Fill light is on but barcode cannot be read	This type of barcode code system is not turned on	Turn on the code by reading the setup code
		The barcode is damaged	Try scanning other barcodes with the same barcode type
		Distance between scanner and barcode is not optimal	Move the barcode scanner closer or farther from the barcode
		The barcode scanner is not high enough to cover the barcode completely	Align the barcode to read the code
3	The scanned data is displayed incorrectly on the host	Input method error	Change input method to standard English input
		Additional settings are made for the scanner	Restore the scanner's parameters to factory settings or contact the manufacturer's after-sales service center
4	The barcode characters are garbled or incorrect	Keyboard country setting mismatch	Set the barcode scanner keyboard country to match the country in which the keyboard is used
5	Other issues	Device transfer error	Turn off the device power, properly connect the device to the scanner, turn on the device power, restore the scanner parameters to the factory setting state and re-scan the code

17. Simple maintenance method:

1. Stains and dust on the scanning window will affect the scanner's work sometimes. It should use a good quality facial tissue and gently wipe it when cleaning. Then blow it clean with a blowing balloon. If you wipe with poor paper for a long time, it will damage the surface finish of the scanning window and affect the reading effect of the scanner.
2. The scanner housing can be wiped with a soft clean cloth. If needed, add a small amount of dish soap to the water and wipe it with a soft cloth dipped in water.