TT-BS030 说明书设计

尺寸：100 x 150 mm
装订册
材质：封面128克铜版纸，内页80克书写纸

TAOTRONICS

www.taotronics.com

TAOTRONICS

TT-BS030_V2.1_EN

Model: TT-BS030
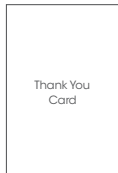TaoTronics Bluetooth Barcode Scanner
User Guide

CONTENTS

Know Your Barcode Scanner

The TaoTronics Bluetooth Scanner combines top scanning performance and excellent ergonomics to provide the best value in a lightweight laser scanner. Whether used as a hand-held scanner or hands-free in a stand, the scanner ensures comfort and ease of use for extended periods of time.

Introduction of Key Function

What's in the Box
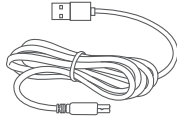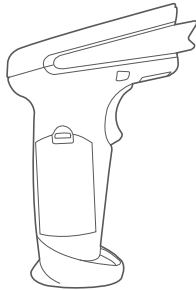
- 1 x TaoTronics Bluetooth Barcode Scanner
- 1 x Charging / Data Cable
- 1 x Thank You Card
- 1 x User Guide

Product Diagram

1. Scan Lens
2. Laser Diode
3. Trigger
4. Battery Compartment
5. Battery
6. LED Indicator
7. Charging / Data Port

How to Use Barcode Scanner

Important Tips Before Use

Regularly clean the scanning window for better scanning accuracy

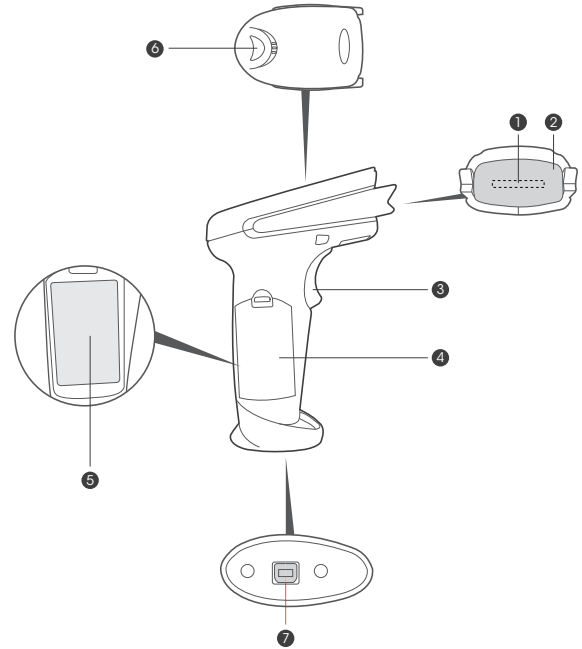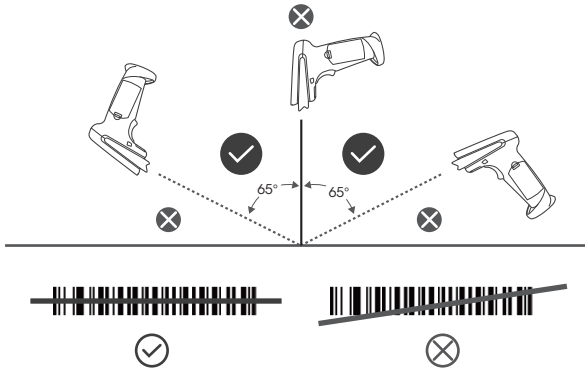- Keep the window away from any abrasive material
- Remove any dirt particles with a damp cloth
- Wipe the window using a tissue moistened with ammonia / water
- Do not spray water or other cleaning liquids directly into the window

Scan Aiming

Note: Do not hold the scanner directly over the barcode.

Decode Zone

Depth of Field
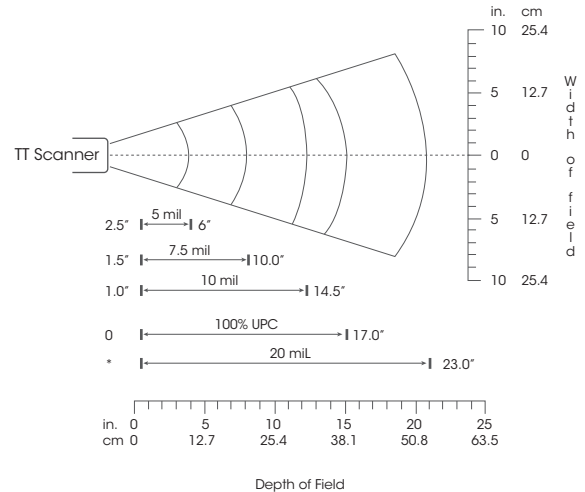
*Minimum distance determined by symbol length and scan angle

Note: Typical performance at 73° (23 C) on high quality symbols in normal room light.

Using Your Barcode Scanner

Powering On / Off

- Pressing the Trigger will turn on the scanner and make the laser appear.
- The scanner will automatically shut off if detecting no operation in 30 seconds. You can also scan the following barcode to manually shut it off.

Shut Down

Pair the Scanner with a Device

Wired Connection

1. Plug the cable connector into the data port on the bottom of the scanner handle.
2. Gently tug the cable to ensure the connector is properly secured.
3. Connect the other end of the interface cable to the host computer.
4. Your PC will install the driver automatically. Once the driver installation is complete, the scanner is ready for use.
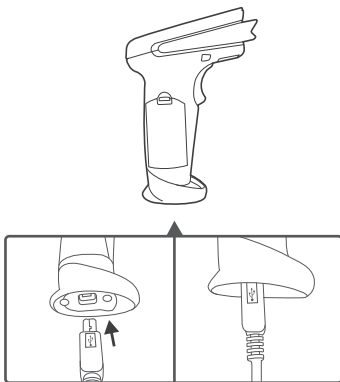
Scan the following barcodes to switch from wireless into wired mode to enable / disable wired mode.

Wired Mode On *

Wired Mode Off

Bluetooth Connection

1. Scan the barcode to pair with your host device.

Bluetooth HID Mode *

Bluetooth Keyboard Speed (15)*

Bluetooth Keyboard Speed (30)

Bluetooth Keyboard Speed (40)

Bluetooth Keyboard Speed (50)

Bluetooth Keyboard Speed (60)

Bluetooth SPP Mode

2. Scan the barcode to return to default setting.

3. Pair with different hosts

Turn on Bluetooth on the host device, scan the Bluetooth barcode to pair.
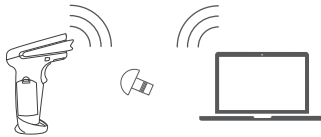

Pair with phone, pad, or other devices.

Pair with your laptops or use the cable to connect the Bluetooth scanner.

Pair with PC without Bluetooth, you need to use a Bluetooth receiver or the wired mode to connect with a PC without Bluetooth functionality.

Charge the Barcode Scanner

Simply connect the scanner with any USB power adapter via the included USB cable. The LED light will flash red and blue alternately while the scanner is being charged.

> **Note:**
> • Charge the scanner if the LED indicator flashes red 3 times as low battery alarm.
> • Scan the barcode to learn about the battery status on your PC.

Battery Status

Beeper & LED Definitions

Beeper	LED Indicator	Indication
3 beeps	Blue LED On	Power up with over 30% battery
3 beeps	Red LED flashes 3 times	Power up on with battery lower than 30%
N/A	Red LED flashes 3 times	Power off with battery lower than 20%
N/A	Red LED flashes	Battery drained (Charge for 30 to 50 minutes, then power on again)
3 beeps	Red LED flashes, blue LED solid on	Pairing
2 beeps	Blue LED on	Paired (Power up then pair)
1 tick	Red LED on	Transmission error
1 short beep	Blue LED on	Code scanned and uploaded
1 beep	Blue LED on	Code scanned and saved in inventory mode
1 tick	Red LED on	Transmission error or insufficient space in inventory mode
2 beeps	N/A	Connected to host device in wired mode

Troubleshooting

Problem	Possible Causes	Possible Solutions
Nothing happens when you operate the scanner as instructed, or the scanner performs abnormally (laser does not come on, scanner emits frequent beeps).	No power to the scanner.	Check the power connection. Ensure the power is connected if required for your configuration.
	Interface / power cables are loose.	Check for loose cable connections.
Laser comes on, but barcode does not decode.	Scanner is not programmed for the barcode type.	Be sure to program the scanner to read the type of barcode you are scanning.
	Barcode is unreadable.	Check the barcode to make sure it is not defaced. Try scanning test barcodes of the same type.
	Scanning angle / distance is incorrect.	Move the scanner closer to or further from the barcode.
Barcode is decoded, but not transmitted to the host.	Scanner is not programmed for the correct host type.	Scan the appropriate host type barcode.
Scanned data is incorrectly displayed on the host.	Scanner is not programmed to work with the host.	Check scanner host type parameters or editing options. Be sure proper host is selected.

Specifications

Communication Distance	7 to 10 m / 22.9 to 32.8 ft
Communication Protocol	Bluetooth 3.0
Compatibility	iOS, Mac, Android, XP, Win 7, Win 10 etc.
Data Memory	16MB Flash
Scanning Type	Single / Continuous / Automatic Scan
Source	LED (622nm – 628nm)
Max Scanning Speed	200 times / second
Decoding Accuracy	3.3mil
Depth of Focus	3.3mil: 2mm – 100mm
	10mil: 2mm – 350mm
	15mil: 5mm – 500mm
	30mil: 10mm – 600mm
Decoding IC	32 bit high-speed processor
Print Contrast	Minimum reflectivity of 30%
Working Current	Decoding: 40mA
	Working: 20mA
	Standby: 5mA
	Shutdown: 1.8uA
Battery	750mAh
Charging Input	5V 500mA
Charging Time	1.5 hours
Service Time	30 hours
Scan Mode	Wired / Wireless
Prompting Mode	Buzzer, LED Light
Error Rate	1 / 5000000

Scanning Angle	Rotation Angle: ±42°
	Oblique Angle: ±65°
	Deflecting Angle: ±65°
Decoding Ability	UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 39, Full ASCII, Codabar / NW7, Code 93, Code 11, MSI, Interleaved 25, Industrial 25, ISBN, ISSN, China Post etc. General one-dimensional codes
Support Interface	USB HID, USB Virtual Serial (Need to install drive and setup code), SPP

Working Modes

Normal Mode (*)

Scan the barcodes directly, the decoded data will be transferred to the receiver and displayed on the PC or your host. A prompt sound will be heard if registration failed.

Normal Mode

Inventory Mode

Inventory mode allows you to use the scanner without any connection to a host. The scanned codes will be stored in the built-in memory of the scanner. At the end of your work, scan the "Transfer Data" code to transfer the data to your PC or other host.

Inventory Mode

Transfer Data

Scan "Total Number of Data Entry" to check how many data is decoded

Total Number of Data Entry

After you transfer the data in inventory mode, scan "Clear Data" to clear the inventory data.

Clear Data

Transfer Speed Setting (Inventory Mode Only)

Fast

Standard

Slow

Set Sleep Time

Sleep Time 10 Seconds

Sleep Time 20 Seconds

Sleep Time 5 minutes

Sleep Time 30 minutes

Sleep Time 30 Seconds

Sleep Time 60 Seconds

Sleep Time 2 Minutes

Sleep Time 10 Minutes

Sleep Time 20 Minutes

Stay Power On

Set Power Off Timer

Turn Off in 10 Seconds

Turn Off in 15 Minutes

Shut Down

Scanner Sound Setting

Tone 0

Tone 1

Beeper Sound Off

Lower Beeper Volume

Medium Beeper Volume

High Beeper Volume

Same Code Delay Time Setting

Set up the minimum delay time between decoding of the same codes:

Same code delay time 0 sec *

Same code delay time 1 sec

Same code delay time 2 sec

Same code delay time infinite

Scanner Reading Setting

Continuous Scan

Single Scan

Automatic Off

Automatic On

Note: When you use the automatic mode, the sleep time is set to 15 minutes.

Code Suffix / Prefix Setting

CR

LF

CR+LF

Disable

Preamble - STX

Postamble - ETX

Add ID AS Prefix on

Add ID AS Prefix off *

Code ID Table

Code Type	ID	Code Type	ID	Code Type	ID
Code 39	a	UPC-A	b	UPC-E	c
EAN8	d	EAN13	e	ISBN	f
Code 128	g	Code93	h	Interleaved 2 of 5	i
Industrial 2 of 5	j	CODABAR	k	GS1 Data Bar	D
Code11	M	Code32	c	GS1 Expanded	E
China Post Code	y	MSI	I	GSI Limited	L

Code Symbol On / Off

CODE11

Enable *

Disable

CODE128

Enable *

Disable

CODE 39

Enable *

Disable

FULL ASCII Enable

FULL ASCII Disable *

USB Receiver Setting (Optional)

USB Receiver Setting (Optional)

1. USB virtual serial

USB Virtual Serial

> **Note:** to activate the USB virtual serial, you need to install the driver beforehand.

2. USB HID *

USB HID *

USB HID Fast (WINDOWS)

USB HID Slow (APPLE)

CODE 93

Enable *

Disable

UPC-E

Enable *

Disable

EAN - 13

Enable *

Disable

CODABAR

Enable *

Disable

EAN - 8

Enable *

Disable

Interleaved 2 of 5

Enable *

Disable

CODE32

Enable *

Disable

Industrial 2 of 5

Enable *

Disable

CODE32 Check Digit

On

Off

UPC-A

Enable *

Disable

Language Setting

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UNIVERSAL

FCC STATEMENT

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

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

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.

WEEE Compliance

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.