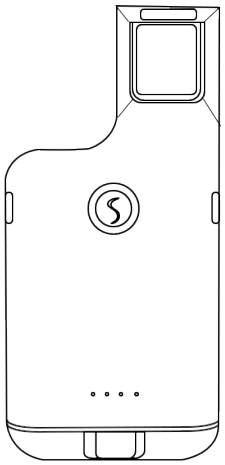
Back clamp type charging treasure scanner

User Guide



Features

- ► Free switching between wired and Bluetooth dual modes
- ► Large capacity storage, safe and reliable.
- ► Stores barcodes more than 50000pcs off-line scanning.
- ► Unique power management system, ultra-long standby time.
- ► Rich symbologies supported
- ► Adopting imported trigger button, long lifespan, fitting perfectly in your hand for comfortable use.
- ► Support Android/IOS devices/Windwos
- ► Support HID、SPP、BLE protocol
- ► Mini size, fashion design,and portable
- ► Ultra low power consumption and standby time setup available
- ► Bluetooth transmission distance: indoor transmission distance up to 15 meters.
- ► Can charge mobile phones & other devices through OTG cable & transfer data

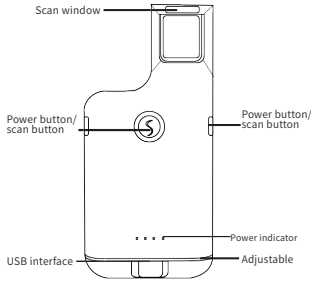
Performance Parameters

Wireless protocol：bluetooth
Memory: 16Mb
Processor: ARM Cortex 32bits
Bluetooth version: Bluetooth 5.0 Module
Supported symbologies: 1D: Codabar,Code 11, Code93,MSI,Code 128,UCC/EAN-128,Code 39,EAN-8, EAN-13,UPC-A,ISBN,Industrial 25,Interleaved 25, Standard 25,2/5 Matrix,
2D:QR,DataMatrix,PDF417,Aztec,Hanxin ,
Micro PDF417(optional)
Indicator: Led、Buzzer、Vibrator(optional)
Battery capacity：2500mA
Charging voltage/current: 5V/1A
Endurance：1D≤36H 2D≤24H (5seconds/scan)
Charge time：≤4hours
Standby: >30days

Working Conditions

Working Temperature：32°F to 104°F/0°C to 40°C
Storage Temperature：-40°F to 140°F/-40°C to 80°C
Humidity：5% to 95% relative humidity
(no condensation)
Ruggedness: Resist about many times drops from 1.5m to concrete ground
Ambient Light Immunity：Under normal office and factory ambient lighting conditions, or exposed to the sun won't take any effect to it.
Electrostatic discharge: In line with 15KV air discharge and 8KV contact discharge requirements

Appearance description



LED Indicator

Indicator Color	Description
Blue light flicker and extinct fastly	Read barcode successfully and make a short sound
Red light-the charge lamp	Red light on means Charging state,after full,it will be off.
Red light flashes	No battery detected while charging

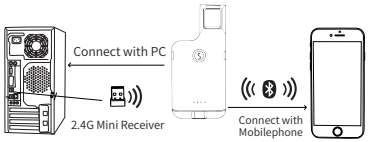
Buzzer

Buzzcr Proformancc	Introduction
One/long beep low to high frequency	Power on
One/long beep high to low frequency	Power off
One/short beep low frequency	Read a code under normal mode
One/short beep low to high frequency	Read a code under storage mode
One/short beep high to low frequency	Read a setting mode
Three/short beeps low frequency	Transfer failure or storage space is full

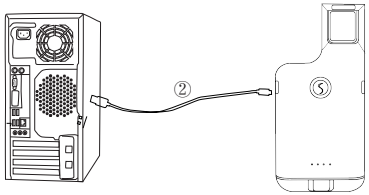
Connections Introductions

A：When using 2.4G feature,you can match desktop PC or PC terminals
that do not support Bluetooth.Scanner supports systems such as XP, Win7, Win8, Win10,etc.

B：When using Bluetooth, you can match Android, IOS mobile phones, or PC terminals with bluetooth capabilities.



C：Plug in the data cable with the USB end connected to the computer, you can charge the scanner and use it as wired scanner synchronously



Reset Configuration to Defaults

If you scan other set-up barcode by mistake and the scanner doesn't
work as normal way, you can scan the initialization setup barcode to rever

Reset Configuration to Defaults

Version Information

2.4GHz Wireless Pairing Steps

How to connect with users device through 2.4GHz wireless?

Step1:Scanning following two setting codes one by one

Compulsory Pair with Dongle Setup Barcode

Step2:Inserting wireless dongle into USB port of users' device.When you hear one beep,barcode scanner and users' device get connected through 2.4GHz wireless.

Note:when barcode scanner enters into pairing status,but it doesn't get paired with any device within 1 minute,it will exit from pairing status automatically.Users need to repeat step 1& 2 to pair.

Bluetooth Pairing STEPS

How to connect with users device through bluetooth?

Step1:Pressing scanning button for 8 seconds or scanning following setup code"HID Pairing Setup Barcode"until LED flashing.

HID Pairing Setup Barcode

Step2:Turning on the Bluetooth of user's device, and find"BarcodeScannerHID"devicein the menu, click it.When you hear one beep,barcode scanner and user's device get connected through bluetooth

Note:when barcode scanner enters into pairing status, but it doesn't get paired with any bluetooth device within 1 minute,it will exit from pairing status automatically.Users need to repeat step 1& 2 to pair.

Standby Time Settings

Standby after 1 min

Standby after 5 mins

Standby after 10 mins

Standby after 30 mins

Never enter Standby

Standby Immidiately

Working Modes

Normal Mode:Transferring every data instantly after each scanning.Scanning following setup code into "Normal Mode"

Normal mode

Storage Mode:Storing data into barcode scanner first after each scanning.
When the distance between barcode scanner and users device beyond bluetooth or 2.4GHz wireless transmission distance,storage mode is suggested.

Storage mode

Scanning follwoing setup code"Total stored data amount "to check the total amount of storing data

Total stored data amount

Working Modes

Scanning following setup code"Upload Data"to upload data of barcodes you scanned under storage mode to your device.

Data Upload

Note:Please confirm that barcode scanner and users' device get connected through bluetooth,2.4GHz wireless or USB cable before uploading data.

Scanning following setup code"Clear Data"to clear empty the data stored in the barcode scanner

Clear Data

End Character Settings

Choose the end character you need to add

Add CR

Add LF

Add CR+LF

Cancel CR+LF

Add TAB

2.4GHz Transmission speed settings

Select the corresponding delay time interval a ccording to the receiving speed of the device.

Turn on 2.4G delay

Turn off 2.4G delay

Delay time interval setting:

5ms

10ms

20ms

30ms

Bluetooth Transmission speed settings

Select the corresponding transmission speed according to t he receiving speed of the device

Fast

Middle

Low

Super Low

Language Settings

English

German

French

Spanish

Italian

Japanese

Only for PC American Keyboard output

2.4G Wireless COM-Port Mode Setting

Step1：Scanning setting code“COM-Port Mode”

COM-Port Mode

Step2：Scanning setting code“Enter Pairing Mode”

Enter Pairing Mode

Step3：Insert the 2.4G wireless receiver into USB port in your device.One beep show that scanner and receiver connected.And it will generate a COM port in your device.

Notes：When the scanner is entered 2.4G COM-Port Mode pairing status and it does not get connected with your device within 1 minutes,it will beep twice lowlyand longly. You need to repeat above-mentioned 3 steps to make it connectwith you device.
(When the scanner is in the 2.4G COM-Port pairing status, double-click can make it exit the pairing mode).

Note: When entering a virtual serial port, the wired output is also a virtual serial port.
(Some computers require drivers to be installed)

Pull up and Hide IOS Keyboard

Pull up and Hide IOS Keyboard

Trigger twice to pull up iOS keyboard

Trigger twice to disable iOS keyboard

Bluetooth protocol

Select the desired communication bluetooth protocol barcode

Bluetooth HID mode

Bluetooth SPP mode

Bluetooth BLE mode

Note: Scan above barcode to enter the bluetooth searching state

Sound and Vibration Setting

Select the setup barcode you demand

Turn Off the Sound

Turn On the Sound

Turn Off the Vibration(Option)

Turn On the Vibration(Option)

Capital and Lowcase Switch

Transfer to Lowcase Set

Transfer to Capital Set

Turn off Swith

Capital and Lowcase Switch

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