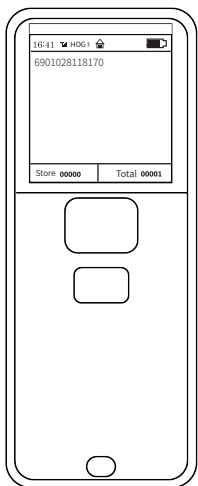


Mini Bluetooth Barcode Scanner

User Guide



Features

- ▶ Wired , wireless and bluetooth triple-mode freely switching.
- ▶ 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/Windows
- ▶ 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.
- ▶ Support upload data and charge the battery via USB cable at the same time.
- ▶ The Scanner has Magnetic buckle on the back, it can be inserted into inner pocket easily

Performance Parameters

Wireless protocol: bluetooth
Memory: 16Mb
Processor: ARM Cortex 32bits
Bluetooth version: Bluetooth 5.0 Module
Supported symbologies: 1D: EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey GS1 Databar, Code 11, Industrial 25, Standard 25, Plessey Matrix 2 of 5, GS1 composite code, 2D: PDF417, Data Matrix, QR Code, Hanxin, AZTEC, maxicode
Indicator: Buzzer, Vibrator (optional)
Battery capacity: 1100mA
Charging voltage/current: 5V/1A
Endurance: 1D ≤ 12H 2D ≤ 8H (5 seconds/scan)
Charge time: ≤ 2 hours
Standby: > 30 days

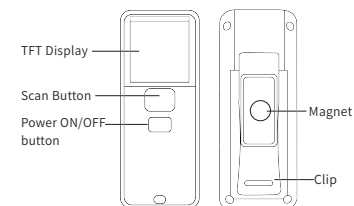
Working Conditions

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

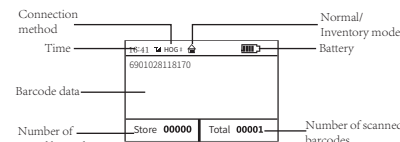
Buzzer

Buzzer Performance	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

Button Description



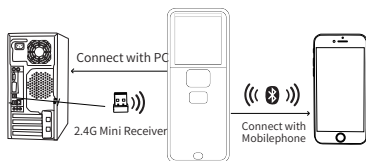
1. Power On: Long press 1 sec; Power Off: Long press 3 sec
2. Normal/inventory mode Switch: Press both power button and Scan Button
3. Delete last scanned data (inventory mode): Double click Power button
4. Data upload (Inventory mode): Long press both Power button + Scan button for more than 3 sec
5. Bluetooth quick pairing: Power on the scanner, then press scan button for more than 8 sec.



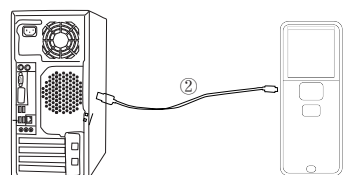
Connections Introductions

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 a 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 reset.



2.4GHz Wireless Pairing Steps

How to connect with user's device through 2.4GHz wireless?

Step 1: Scanning following two setting codes one by one



Compulsory Pair with Dongle Setup Barcode

Step 2: Inserting wireless dongle into USB port of user's device. When you hear one beep, barcode scanner and user's 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 user's device through bluetooth?

Step 1: Pressing scanning button for 8 seconds or scanning following setup code "HOG Pairing Setup Barcode" until LED flashing.



HOG Pairing Setup Barcode

Step 2: Turning on the Bluetooth of user's device, and find "BarcodeScannerHG" device in 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 Immediately

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 according 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 the 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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