User Manual

WIFI Bluetooth Barcode & QR Scanner with Docking Station

HD4200

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Specifications:

- **Warranty:** 2 years
- **Sensor Type:** CMOS
- **Scanning method:** manual (push-button)
- **Scan Acknowledgement:** Light and Sound Signal
- **Processor:** ARM 32-bit
- **Scanning speed:** 100 cm/s
- **Interface:** USB
- **Wireless Communication:** Bluetooth, 2.4GHz
- **Wireless range:** 70 meters for 2.4GHz and 30 meters for Bluetooth
- **Onboard Memory Capacity:** Over 20,000 Barcodes
- **Drop resistance:** 1.5 m
- **Cord length:** 150 cm
- **Print Contrast:** ≥25%
- **Battery Capacity:** 5000mAh
- **Working Time:** 36 hours
- **Standby Time:** 1 month
- **Charging time:** 7 hours
- **Working Current:** 250mA
- **Operating temperature:** 0°C - 50°C
- **Storage temperature:** -30°C - 60°C
- **Operating Humidity:** 5% - 95%
- **Dimensions of the docking station:** 11.5x 9.5x 7.5 cm
- **Readable 1D codes:** UPC-A, UPC-E, EAN-8, EAN-13, Code 128, GS1-128, Code 39, Code 32, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Indus Symbologies trial 2 of 5 (Straight 2 of 5), Codabar（NW-7), GS1 Databar(Omnidi rectional, Limited, Expanded) itp.

- **Readable 2D codes:** QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF 41
- **Product dimensions:** 17.5 x 7 x 8.5 cm
- **Package dimensions:** 23 x 13.5 x 13.5 cm
- **Product weight:** 800 g
- **Weight with packaging:** 1 kg

Set contents:

- QR and barcode scanner
- Dock
- USB cable

Master Control Codes

 Factory reset	 Software version

Data format settings

 Page encoding	 Unicode (UTF-8)

Data transfer mode settings

||||||||||||||| Real Mode (Default)	||||||||||||||| Storage mode
||||||||||||||| Transfer all stored barcodes	||||||||||||||| Number of barcodes stored
||||||||||||||| Delete all stored barcodes	

Wireless Connection Settings

2.4G Connection

2.4G wireless mode supports Windows, Mac OS, Linux, Unix, Android and other systems.

Step 1. Scan the setting code "2.4G Mode". When the setting is complete, the receiver that was paired last time will be set by default.

Step 2: Scan the "One-click pairing" code. The blue LED on the scanner will start flashing rapidly.

Step 3: Connect the receiver to your computer's USB port (within 1 minute), you will hear a single beep and the blue LED will remain on.

2.4G Mode	One-click pairing

Bluetooth HID Connection

The wireless Bluetooth HID technology supports Bluetooth serial port to connect to Windows, Mac OS, IOS, Android, and more.

Step 1. Scan "Bluetooth HID Mode". When the setting is complete, the Bluetooth device that was last paired is set by default.

Step 2. Scan the "One-click pairing" code. The scanner's blue LED will flash alternately and rapidly, and then enter the Bluetooth HID pairing state.

Step 3. Turn on the Bluetooth on the target device and search for the device named "**BarCode Scanner HID**" and then select the name for pairing.

 Note: After pressing the button for 8 seconds, you can quickly enter the hidden Bluetooth pairing state.

‖‖‖‖‖‖‖‖‖‖‖‖ **Tryb Bluetooth HID**	‖‖‖‖‖‖‖‖‖‖‖‖ **One-click pairing**

Bluetooth SPP/ BLE connection

Wireless Bluetooth SPP/BLE supports using Bluetooth serial port to connect Windows, Mac OS, IOS, Android and other systems.

Step 1. Scan the code "Bluetooth SPP/ BLE Mode", the blue LED will flash rapidly.

Step 2. Use the serial port on the host device, search for the "**BarCode Scanner SPP**" or "**BarCode Scanner BLE**" device, then you will hear a single beep and the blue LED will illuminate.

‖‖‖‖‖‖‖‖‖‖‖‖ Bluetooth SPP	‖‖‖‖‖‖‖‖‖‖‖‖ Bluetooth BLE

HDWR
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iOS HID Virtual Keyboard Settings

When using Bluetooth HID mode on your IOS device, you can set a double-click to show or hide the iOS virtual keyboard.

Enabled (default)	Disabled

Bluetooth HID connection transmission rate

Quickly	Medium (default)
Slowly	Very slow

Setting the suffix

 Adding CR after code	 Adding LF after code
 Adding CR + LF after the code	 Adding a TAB (HT) after the code
 No sign behind the code	

Beep settings

 Loud beep (default)	 Average beep volume
 Beep off	

Scanner sleep time settings

1 minute	5 minutes
30 minutes	No sleep

Instant Sleep

Language settings

US English (default)	German
French	Spanish
Italian	Japanese
Portuguese	British English
Brazilian Portuguese	Russian
International Keyboard	

Concluding Remarks

1. The barcode scanner is recommended to be charged using the USB 3.0 interface of the computer (see figure).

USB 3.0

2. A DC 5V 1A AC adapter must be used (see figure).

Output
DC 5V1A