

BWHS25L

Barcode Scanner User Manual

Model: BWHS25L

INTRODUCTION

This user manual provides detailed instructions for the operation and maintenance of your new Barcode Scanner. Designed for efficiency and accuracy, this device supports both 1D and 2D barcode scanning, offering versatile connectivity options including 2.4G wireless, Bluetooth, and USB wired connections. Its hands-free scanning capability, combined with fast and accurate reading, makes it an ideal solution for various environments such as retail, supermarkets, libraries, and warehouses.





Figure 1: The Barcode Scanner, showcasing its ergonomic design and trigger.

PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1 x 1D 2D Barcode Scanner
- 1 x Data Cable (USB)
- 1 x Foldable Stand
- 1 x Adapter (USB receiver for 2.4G wireless)
- 1 x Driver
- 1 x Instruction Manual (this document)



Figure 2: Contents included in the Barcode Scanner package.

SETUP

The barcode scanner offers multiple connection methods to suit your operational needs.

1. USB Wired Connection

1. Connect one end of the provided USB data cable to the scanner's port.
2. Connect the other end of the USB data cable to an available USB port on your computer or host device.
3. The scanner will be recognized as a keyboard device. No additional drivers are typically required for basic operation.

2. 2.4G Wireless Connection

1. Insert the 2.4G USB adapter into an available USB port on your computer or host device.
2. Turn on the barcode scanner. It should automatically pair with the adapter. A successful connection is usually indicated by a specific sound or LED light on the scanner.
3. Ensure the scanner is within the wireless transmitting range of the adapter for optimal performance.

3. Bluetooth Connection

1. Turn on the barcode scanner.
2. Activate Bluetooth on your smartphone, tablet, or PC.
3. Search for available Bluetooth devices. The scanner should appear in the list (e.g., "Barcode Scanner BWHS25L").
4. Select the scanner to pair. You may be prompted to scan a pairing barcode from the instruction manual or enter a PIN.
5. Once paired, the scanner is ready for use.



Figure 3: Barcode scanner mounted on its foldable stand for hands-free use.

OPERATING INSTRUCTIONS

The barcode scanner supports two primary working modes:

1. Instantly Upload Mode

In this mode, scanned barcodes are immediately transmitted to the connected device (computer, tablet, smartphone). This is the default and most common mode for real-time data entry.

- Ensure the scanner is connected via USB, 2.4G wireless, or Bluetooth.
- Open a text editor, spreadsheet, or application where you want the barcode data to appear.
- Point the scanner's window at the barcode and press the trigger button.
- The barcode data will appear at the cursor's position on your device.





Figure 4: User holding the barcode scanner for manual scanning.

2. Storage Mode (Offline Mode)

This mode allows you to scan and store barcodes internally when you are out of range or not connected to a host device. The scanner can store up to 100,000 barcodes.

- To enter storage mode, scan the specific "Enter Storage Mode" barcode (refer to the separate quick setup guide or included barcode sheet).
- Scan barcodes as usual. The data will be saved in the scanner's internal memory.
- To upload stored data, connect the scanner to your device (via USB or 2.4G wireless) and scan the "Upload Data" barcode. The stored barcodes will then be transmitted.
- To clear all stored data, scan the "Clear Data" barcode.

Hands-free Scanning

Utilize the included foldable stand for hands-free operation. Place the scanner on the stand, and it will automatically switch to continuous scanning mode or trigger scanning when an object is detected in its field of view (depending on configuration). This is ideal for high-volume scanning environments.



Figure 5: Barcode scanner in hands-free mode on its stand.

Proper maintenance ensures the longevity and optimal performance of your barcode scanner.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the scanner's exterior. For the scanning window, use a lens cleaning cloth and a mild, non-abrasive cleaner if necessary. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery:** The scanner has a built-in rechargeable lithium cell. For best battery life, avoid fully discharging the battery frequently. Charge the scanner using the provided USB cable.
- **Handling:** Avoid dropping the scanner or subjecting it to strong impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not reading barcodes.	Barcode damaged or poor quality; scanner not properly connected; incorrect symbology enabled.	Ensure barcode is clear. Check cable connection or wireless pairing. Refer to programming guide to enable required barcode types.
No data transmitted to computer.	Not connected; in storage mode; application not ready to receive input.	Verify connection (USB, 2.4G, BT). If in storage mode, upload data. Ensure cursor is active in target application.
Scanner not charging.	Faulty cable or USB port; scanner not properly connected to power source.	Try a different USB cable or port. Ensure the cable is securely plugged into both the scanner and the power source.
Bluetooth pairing failed.	Scanner not in pairing mode; device Bluetooth off; interference.	Ensure scanner is discoverable. Restart Bluetooth on your device. Move closer to the device.

SPECIFICATIONS

Feature	Detail
Model	BWHS25L
Connection Type	2.4G Wireless, Bluetooth, USB Wired
Input Voltage	DC 5V 500mA
Light Source	Visible Light 650-670nm
Depth of Field	0-600mm (0.33mm.PCS90%)
Reading Distance	2.5-600mm (100% UPC EAN)
Battery	Rechargeable Lithium Cell 2000 mAh (Built-in)
Storage Capacity	Up to 100,000 barcodes (in offline storage mode)
Scanning Speed	Up to 300 scans per second
CPU	32 bit
Dimensions (Package)	7.48 x 4.33 x 3.15 inches
Item Weight	12.3 ounces
Manufacturer	Generic
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: Generic

